

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032159.D
 Acq On : 17 Oct 2022 16:22
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 03:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	145800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	236322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105064	45.244	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.480%		
35) Dibromofluoromethane	5.379	113	79202	49.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	8.647	98	292354	51.691	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.380%		
62) 4-Bromofluorobenzene	11.079	95	101119	46.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	69722	43.431	ug/l	98
3) Chloromethane	1.288	50	68814	44.396	ug/l	99
4) Vinyl Chloride	1.368	62	81682	47.291	ug/l	100
5) Bromomethane	1.612	94	58561	45.806	ug/l	100
6) Chloroethane	1.685	64	56110	43.759	ug/l	96
7) Trichlorofluoromethane	1.886	101	122823	45.575	ug/l	99
8) Diethyl Ether	2.130	74	41010	46.033	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	59475	46.695	ug/l	93
10) Methyl Iodide	2.447	142	86876	56.262	ug/l	95
11) Tert butyl alcohol	2.995	59	58883	184.365	ug/l	96
12) 1,1-Dichloroethene	2.313	96	54193	45.541	ug/l	94
13) Acrolein	2.233	56	51993	193.405	ug/l	99
14) Allyl chloride	2.660	41	115983	55.152	ug/l	94
15) Acrylonitrile	3.063	53	179649	234.315	ug/l	100
16) Acetone	2.386	43	123044	220.373	ug/l	94
17) Carbon Disulfide	2.508	76	170998	57.267	ug/l	99
18) Methyl Acetate	2.703	43	110530	48.608	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	249412	50.494	ug/l	99
20) Methylene Chloride	2.782	84	78365	45.649	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	76763	47.610	ug/l	94
22) Diisopropyl ether	3.757	45	246905	47.259	ug/l	98
23) Vinyl Acetate	3.721	43	989262	242.391	ug/l	98
24) 1,1-Dichloroethane	3.605	63	141011	46.309	ug/l	100
25) 2-Butanone	4.556	43	259855	217.819	ug/l	97
26) 2,2-Dichloropropane	4.471	77	123647	51.593	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	91495	47.180	ug/l	97
28) Bromochloromethane	4.891	49	55877	44.911	ug/l	92
29) Tetrahydrofuran	5.001	42	162103	226.557	ug/l	96
30) Chloroform	5.087	83	160774	48.244	ug/l	100
31) Cyclohexane	5.471	56	125104	48.341	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	145883	54.602	ug/l	100
36) 1,1-Dichloropropene	5.690	75	117155	50.219	ug/l	100
37) Ethyl Acetate	4.709	43	104918	44.817	ug/l	100
38) Carbon Tetrachloride	5.672	117	130148	52.680	ug/l	98
39) Methylcyclohexane	7.379	83	143008	51.079	ug/l	97
40) Benzene	6.038	78	321084	49.206	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59927	49.645	ug/l	97
42) 1,2-Dichloroethane	6.080	62	136176	49.825	ug/l	99
43) Isopropyl Acetate	6.336	43	174416	49.441	ug/l	99
44) Trichloroethene	7.123	130	87413	47.543	ug/l	96
45) 1,2-Dichloropropane	7.428	63	80628	49.597	ug/l	93
46) Dibromomethane	7.580	93	61176	48.987	ug/l	96
47) Bromodichloromethane	7.818	83	122356	52.594	ug/l	96
48) Methyl methacrylate	7.690	41	90919	50.852	ug/l	99
49) 1,4-Dioxane	7.684	88	31417	857.016	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	538786	249.059	ug/l	99
52) Toluene	8.720	92	215889	51.928	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	91467	44.076	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	136130	55.863	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	64608	40.937	ug/l	97
56) Ethyl methacrylate	9.116	69	96268	42.710	ug/l	96
57) 1,3-Dichloropropane	9.305	76	108774	39.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	281330	251.934	ug/l	96
59) 2-Hexanone	9.427	43	307985	192.172	ug/l	98
60) Dibromochloromethane	9.519	129	67608	41.407	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69319	40.670	ug/l	97
64) Tetrachloroethene	9.275	164	68904	49.608	ug/l	96
65) Chlorobenzene	10.080	112	179244	48.810	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	65159	51.205	ug/l	99
67) Ethyl Benzene	10.195	91	321751	49.853	ug/l	99
68) m/p-Xylenes	10.299	106	255304	103.157	ug/l	99
69) o-Xylene	10.640	106	124740	51.222	ug/l	98
70) Styrene	10.653	104	209747	53.298	ug/l	99
71) Bromoform	10.799	173	48711	54.420	ug/l #	99
73) Isopropylbenzene	10.964	105	341480	38.376	ug/l	98
74) N-amyl acetate	10.842	43	129007	41.412	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	127063	44.542	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	108353m	41.705	ug/l	
77) Bromobenzene	11.195	156	100501	46.397	ug/l	97
78) n-propylbenzene	11.305	91	520216	48.788	ug/l	99
79) 2-Chlorotoluene	11.366	91	307690	46.715	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	387593	49.350	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29365	44.302	ug/l	89
82) 4-Chlorotoluene	11.457	91	364708	47.516	ug/l	97
83) tert-Butylbenzene	11.713	119	360051	46.601	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	380246	48.112	ug/l	98
85) sec-Butylbenzene	11.890	105	472914	48.909	ug/l	99
86) p-Isopropyltoluene	12.012	119	407420	50.615	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	200355	47.861	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	201963	47.810	ug/l	99
89) n-Butylbenzene	12.335	91	367793	55.421	ug/l	99
90) Hexachloroethane	12.543	117	63974	57.272	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	198888	49.720	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29727	58.484	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	128398	57.791	ug/l	98
94) Hexachlorobutadiene	13.725	225	55094	59.168	ug/l	99
95) Naphthalene	13.780	128	414811	55.870	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126551	56.897	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 03:50:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

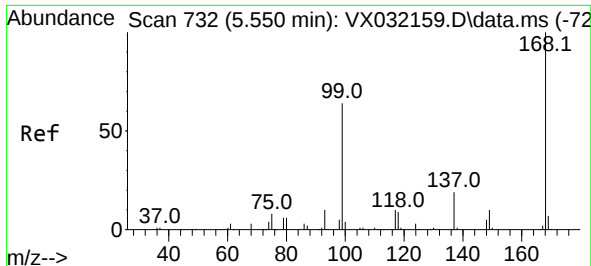
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

TIC: VX032159.D\data.ms

Abundance

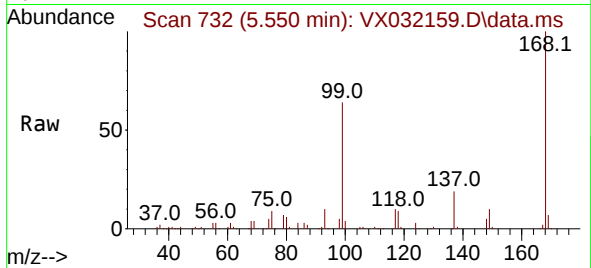
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Chlorodifluoromethane, T
Vinyl chloride, P
Bromomethane, T
Chloromethane, T
Trichlorofluoromethane, T
Diethyl ether, T
Acrolein, T
Methyl sulfide, T
Methyl acetate, T
Methyl chloride, T
Tert-butyl alcohol, T
Aspirin, T
1,1-Dichloroethane, P
Disopropyl ether, T
Vinyl Acetate, T
2-Butanol, S
2-Chloropropane, T
Ethyl Acetate, T
Benzonitrile, T
Chlorobenzene, T
Pentachlorobenzene, S
Cyclohexanone, T
Carbon tetrachloride, T
1,2-Dichloroethane, S
1,2-Dichloroethane, TM
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichlorobenzene, T
Dibromochloromethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
Toluene, CM
1,1,3-Trichloropropane, T
Ethyl propyl ether, T
1,3-Dichloropropene, T
1,2-Dichloropropane, T
1,2-Dichloroethane, T
1,2-Dichloroethane, T
1,1,1-Trichloroethane, T
1,1,2-Trichloroethane, T
Chlorobenzene, T
m/p-Xylenes, T
Bromofuran, P
N-amyl acetate, T
trans-1,2-Dichlorocyclopentane, S
trans-1,2-Dichlorocyclopentane, T
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
n-propylbenzene, T
1,3,5-Trichlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
p-isopropyltoluene, T
1,2,4-Trichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobenzene, T
1,2,4-Trichlorobenzene, T
Hexachloronaphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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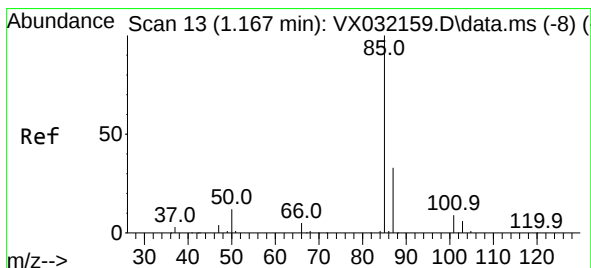
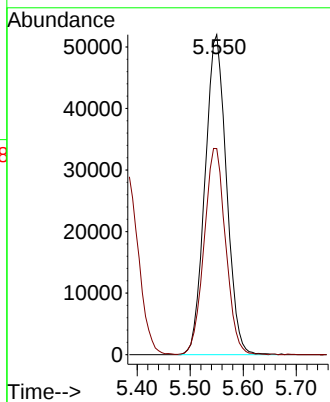
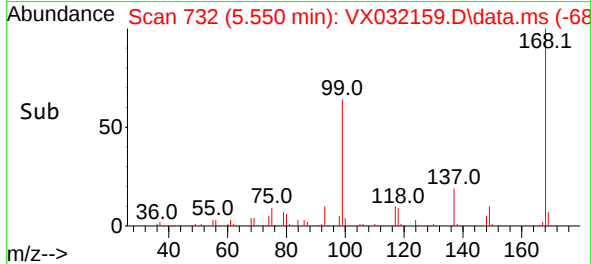
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 145800
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2

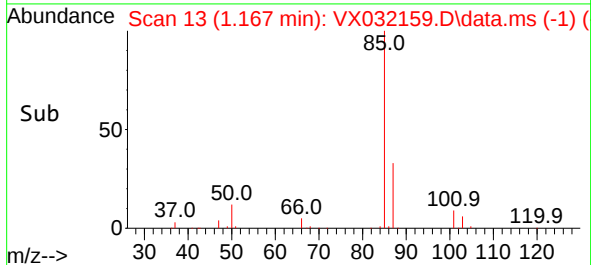
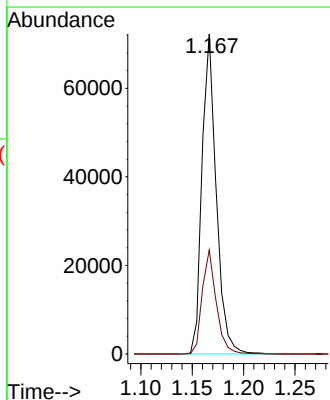
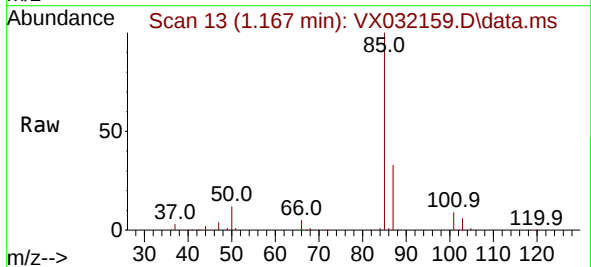
Manual Integrations
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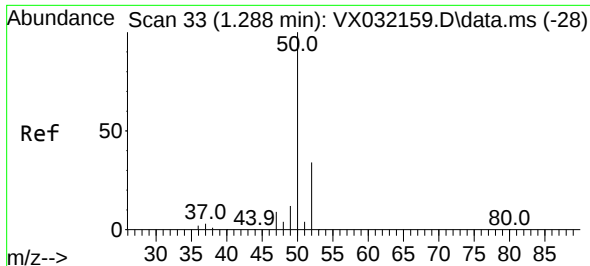
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 43.431 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

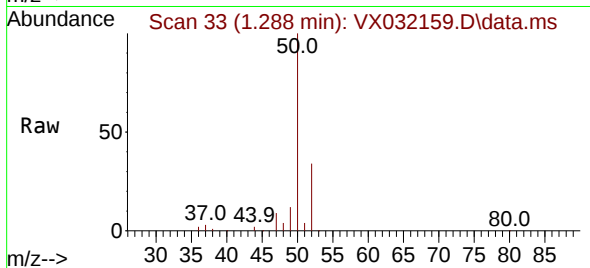
Tgt Ion: 85 Resp: 69722
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 44.396 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

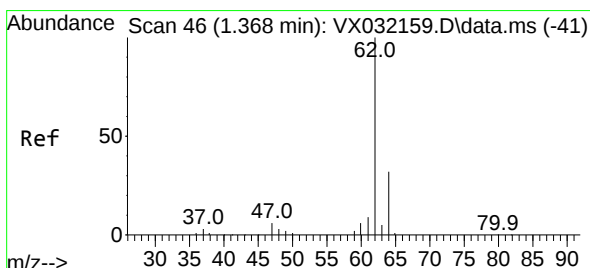
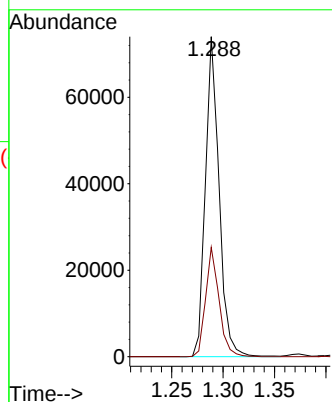
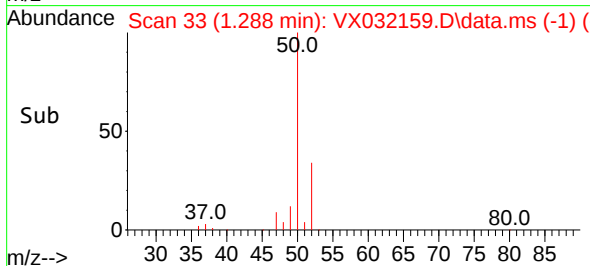
Instrument :
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Tgt Ion: 50 Resp: 68814
Ion Ratio Lower Upper
50 100
52 34.2 26.9 40.3

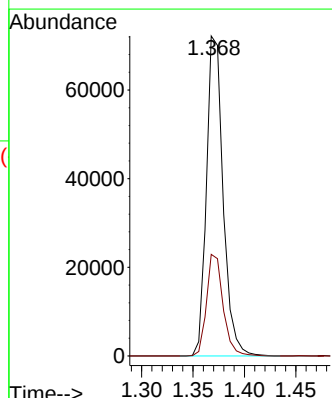
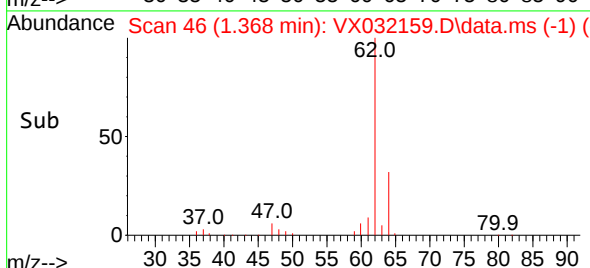
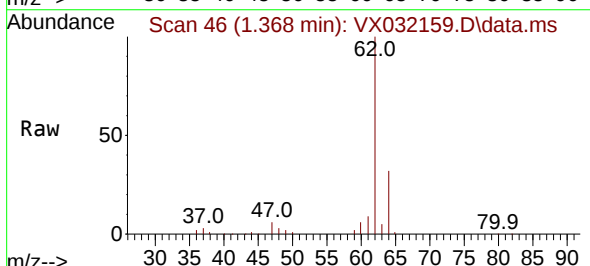
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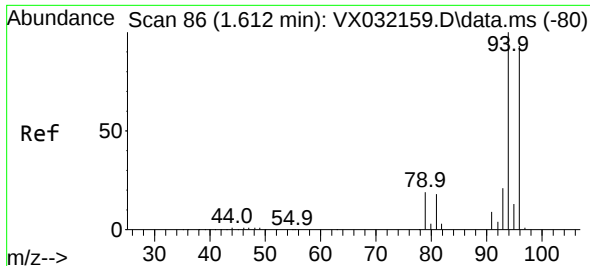
Reviewed By :John Carlone 10/18/2022
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#4
Vinyl Chloride
Concen: 47.291 ug/l
RT: 1.368 min Scan# 46
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

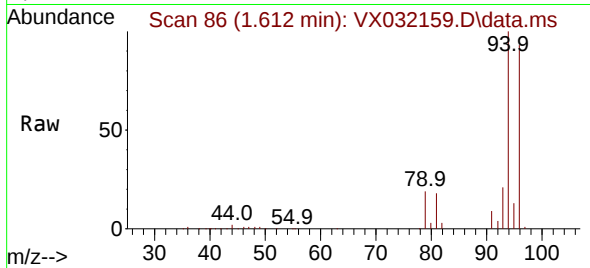
Tgt Ion: 62 Resp: 81682
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9





#5
Bromomethane
Concen: 45.806 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

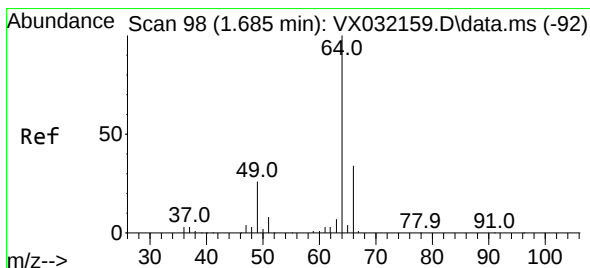
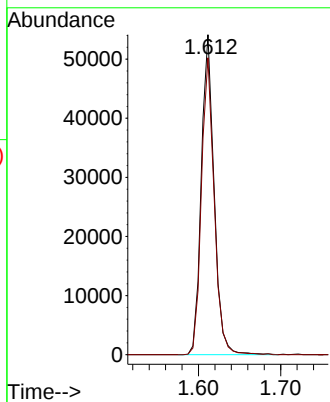
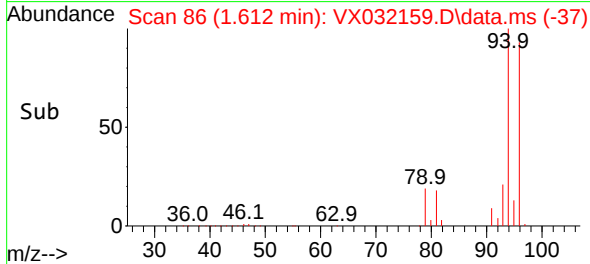
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5856
Ion Ratio Lower Upper
94 100
96 92.8 74.4 111.6

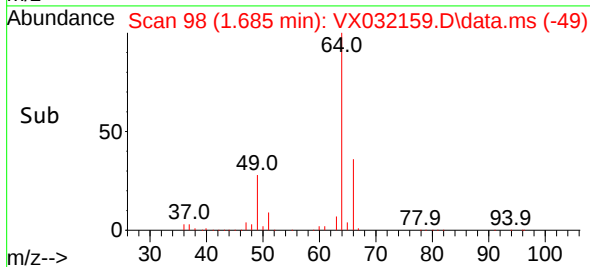
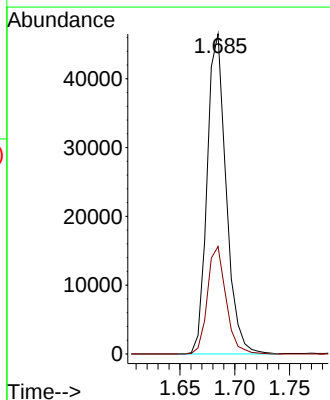
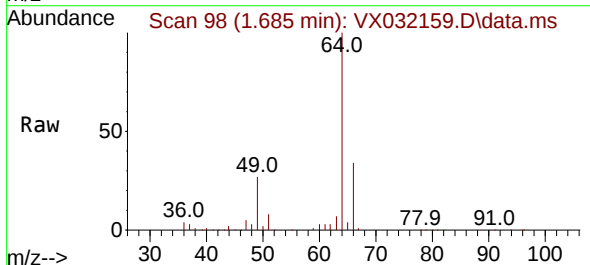
Manual Integrations
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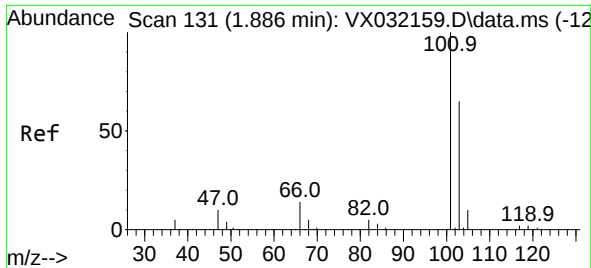
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#6
Chloroethane
Concen: 43.759 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 64 Resp: 56110
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4





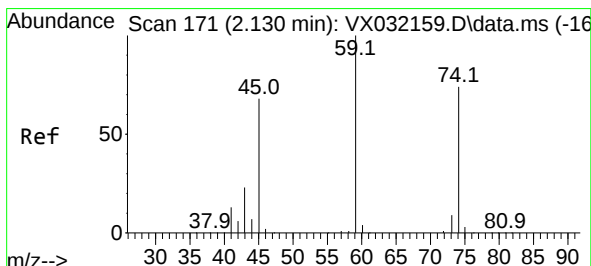
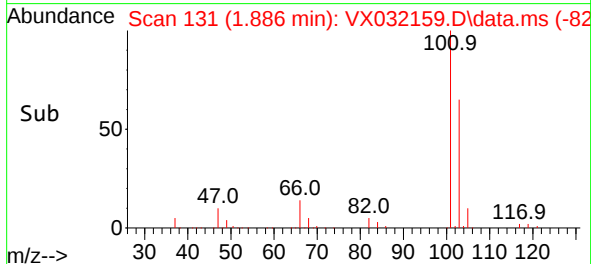
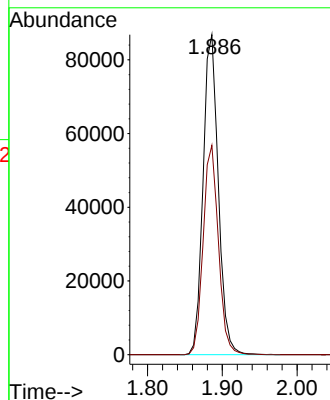
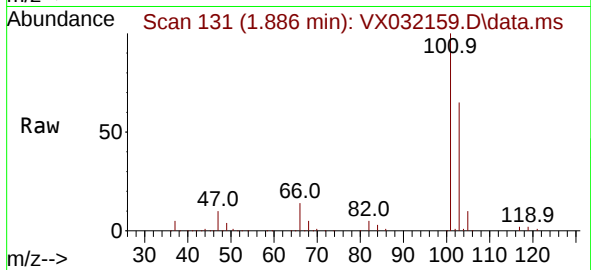
#7
Trichlorofluoromethane
Concen: 45.575 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
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Tgt Ion:101 Resp: 12282
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

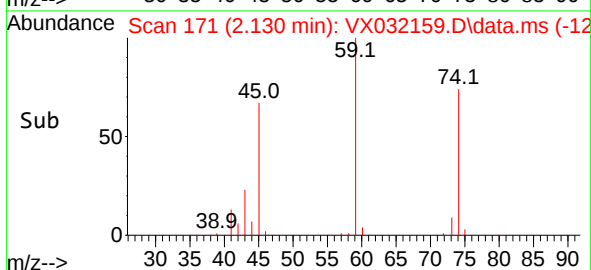
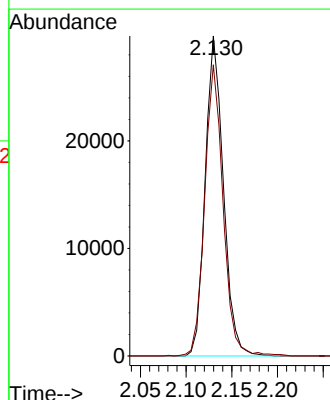
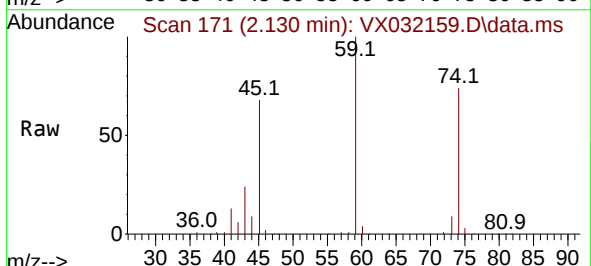
Manual Integrations
APPROVED

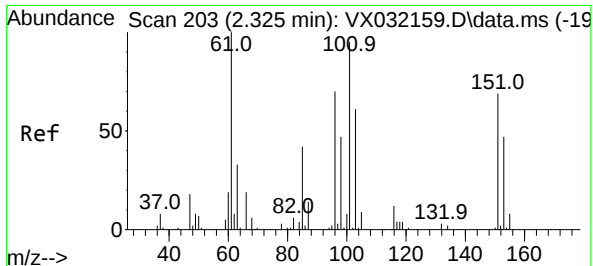
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#8
Diethyl Ether
Concen: 46.033 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 74 Resp: 41010
Ion Ratio Lower Upper
74 100
45 92.4 48.5 145.6





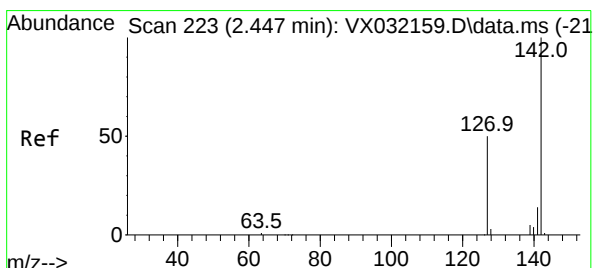
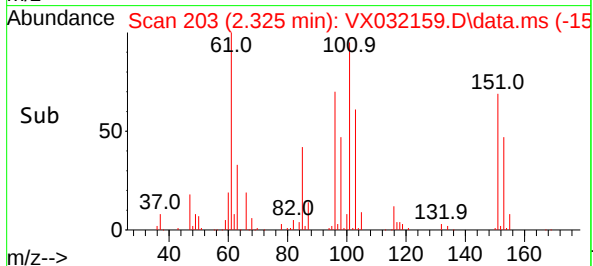
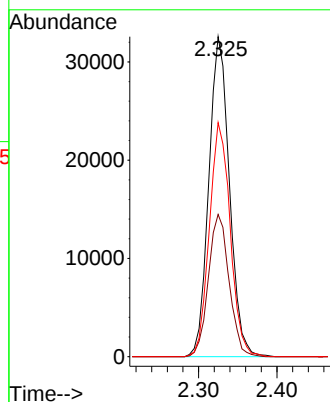
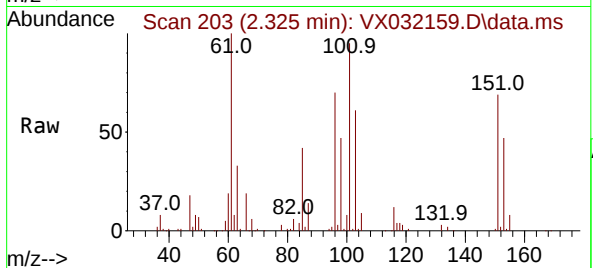
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.695 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 5947
Ion Ratio Lower Upper
101 100
85 44.6 38.6 57.8
151 74.0 54.0 81.0

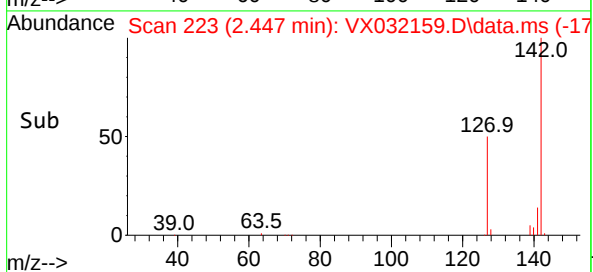
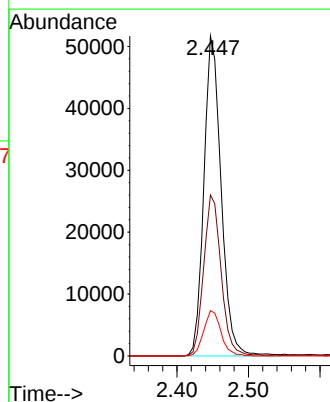
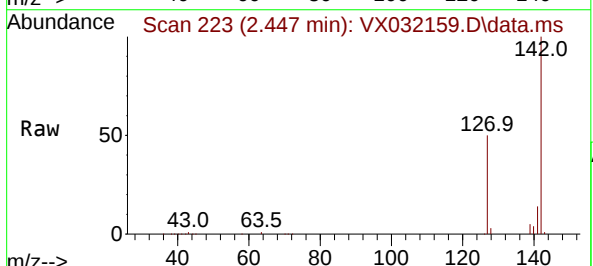
Manual Integrations
APPROVED

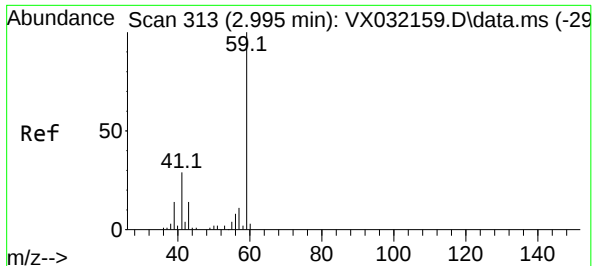
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 56.262 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion:142 Resp: 86876
Ion Ratio Lower Upper
142 100
127 50.7 37.4 56.0
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 184.365 ug/l

RT: 2.995 min Scan# 313

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 5888

Ion Ratio Lower Upper

59 100

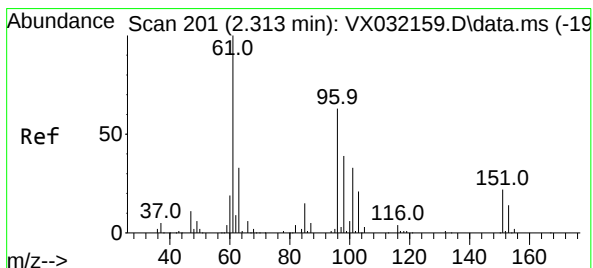
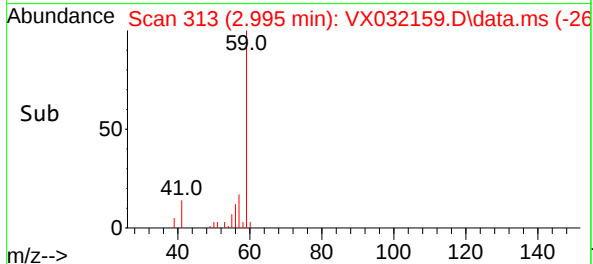
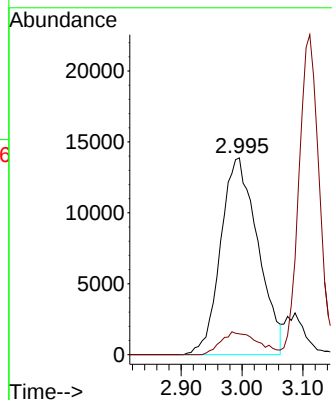
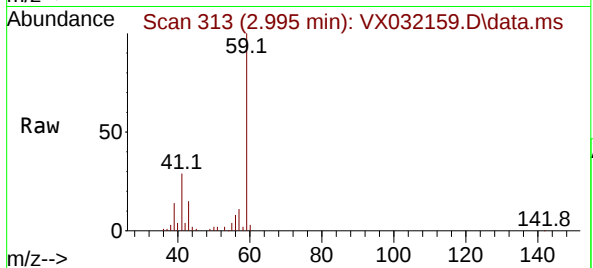
57 11.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#12

1,1-Dichloroethene

Concen: 45.541 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

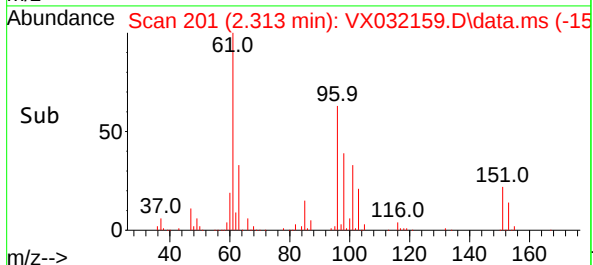
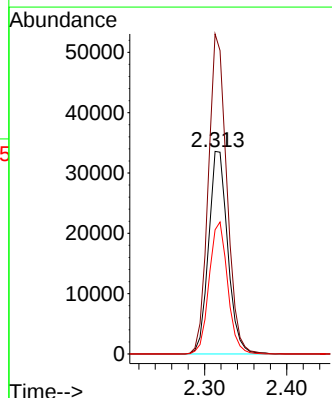
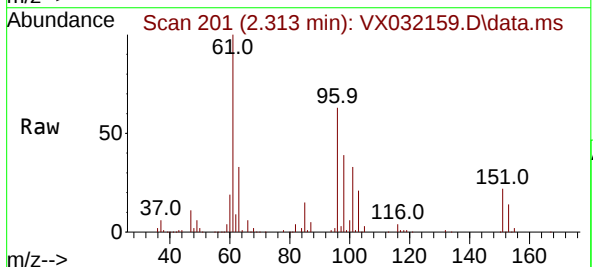
Tgt Ion: 96 Resp: 54193

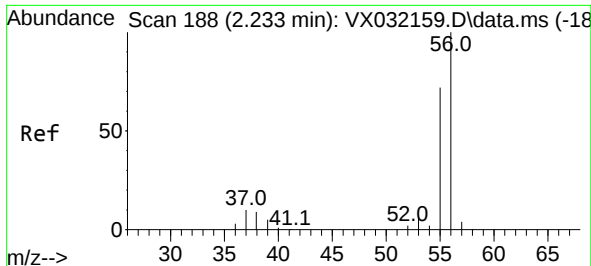
Ion Ratio Lower Upper

96 100

61 158.0 135.3 202.9

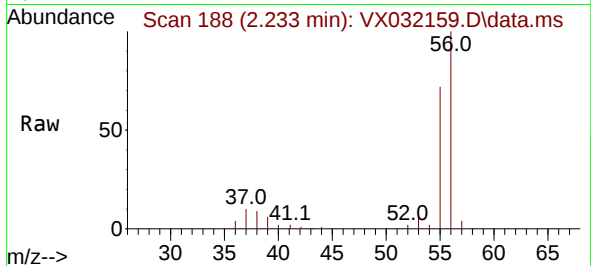
98 61.3 49.4 74.2





#13
Acrolein
Concen: 193.405 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

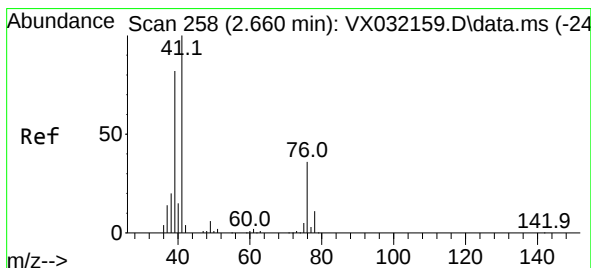
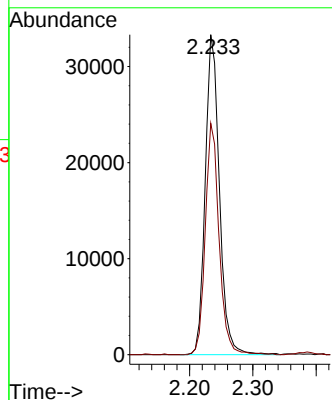
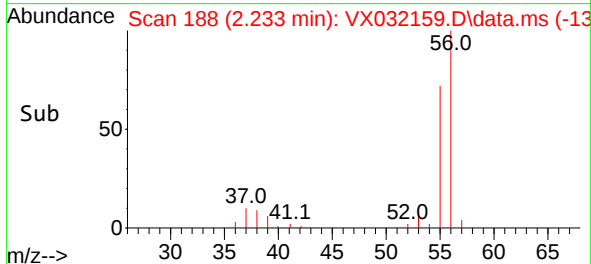
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 51993
Ion Ratio Lower Upper
56 100
55 70.6 56.0 84.0

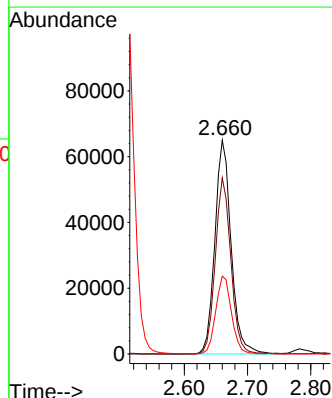
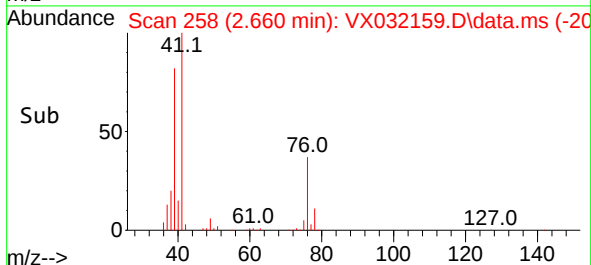
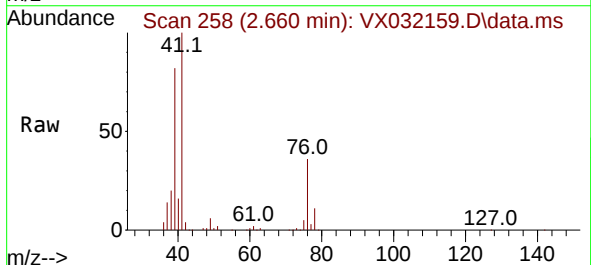
Manual Integrations
APPROVED

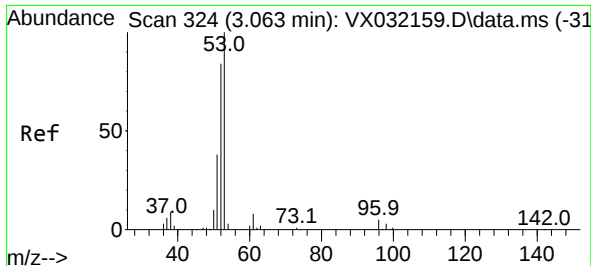
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 55.152 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

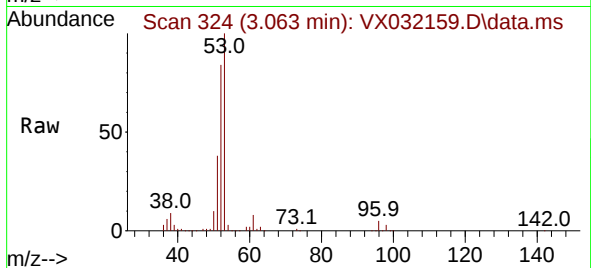
Tgt Ion: 41 Resp: 115983
Ion Ratio Lower Upper
41 100
39 78.7 58.2 87.4
76 35.1 26.9 40.3





#15
Acrylonitrile
Concen: 234.315 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

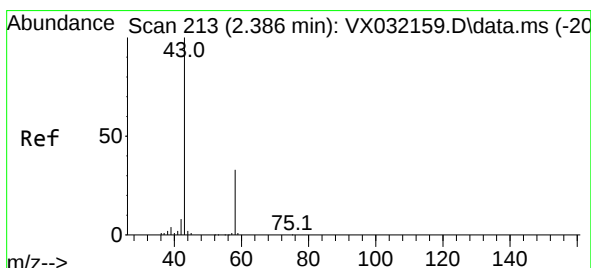
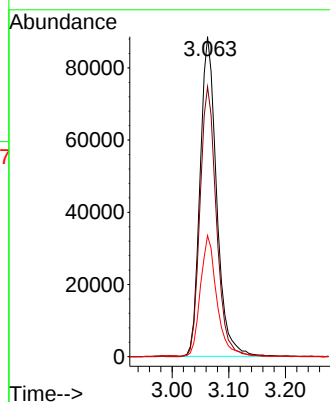
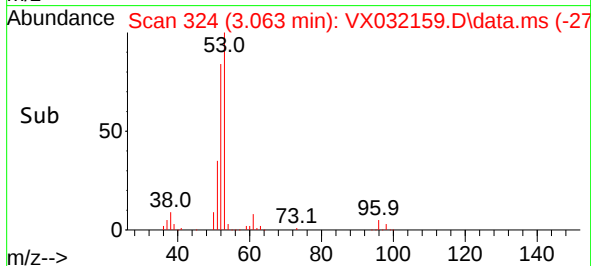
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



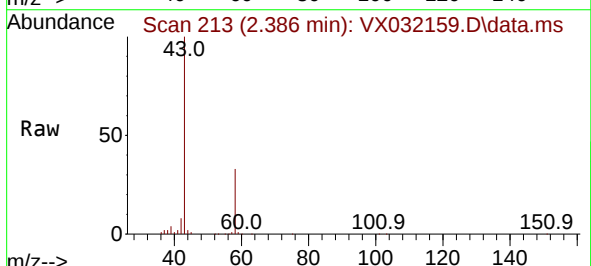
Tgt Ion: 53 Resp: 179649
Ion Ratio Lower Upper
53 100
52 83.8 66.9 100.3
51 37.5 30.0 45.0

Manual Integrations
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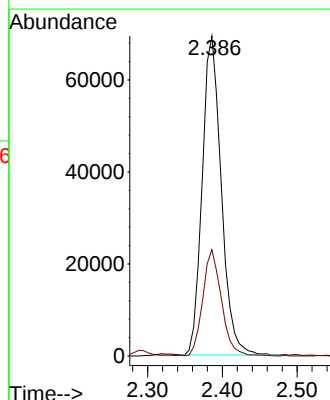
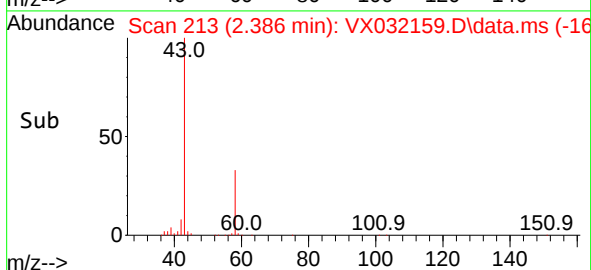
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

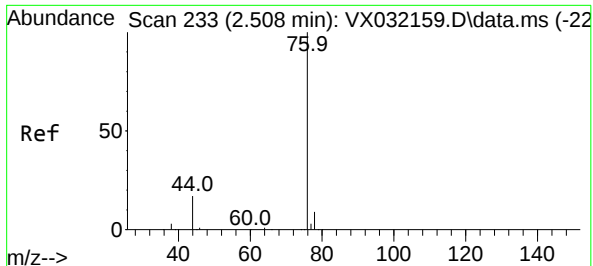


#16
Acetone
Concen: 220.373 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



Tgt Ion: 43 Resp: 123044
Ion Ratio Lower Upper
43 100
58 33.3 23.8 35.8





#17

Carbon Disulfide

Concen: 57.267 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 170998

Ion Ratio Lower Upper

76 100

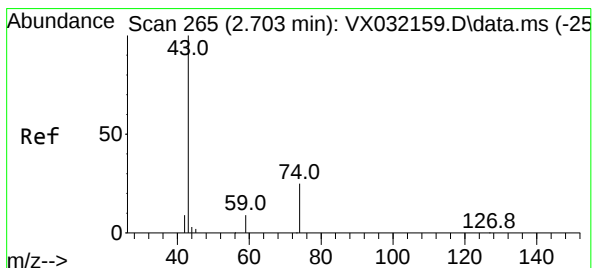
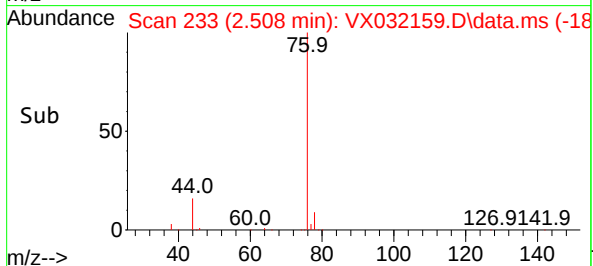
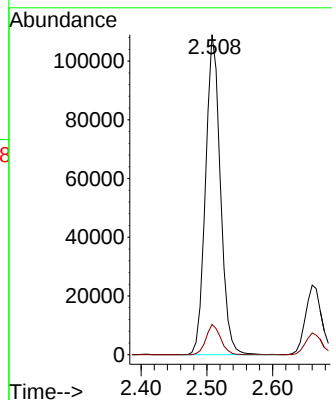
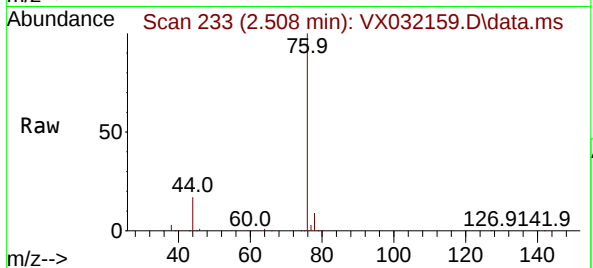
78 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#18

Methyl Acetate

Concen: 48.608 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX032159.D

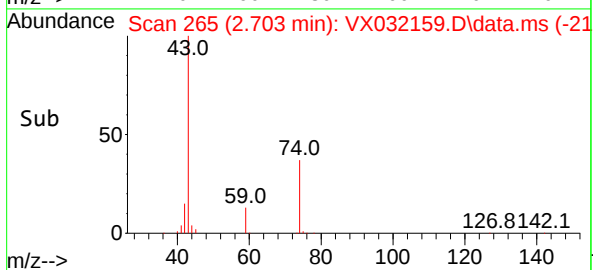
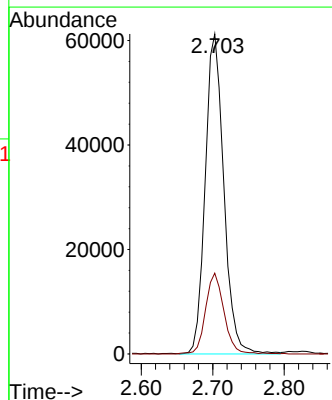
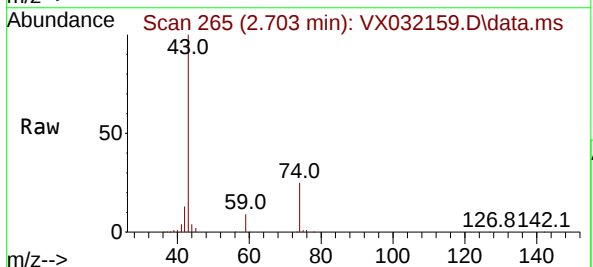
Acq: 17 Oct 2022 16:22

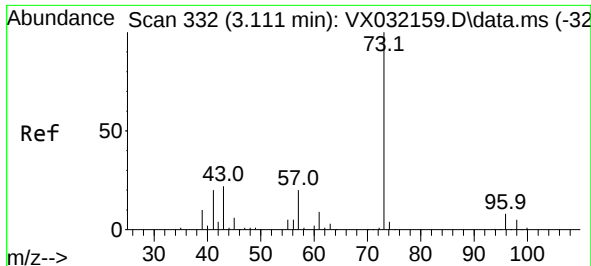
Tgt Ion: 43 Resp: 110530

Ion Ratio Lower Upper

43 100

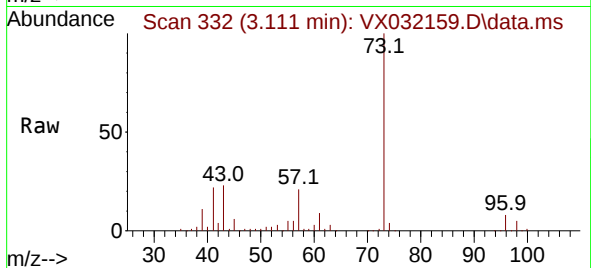
74 25.1 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 50.494 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

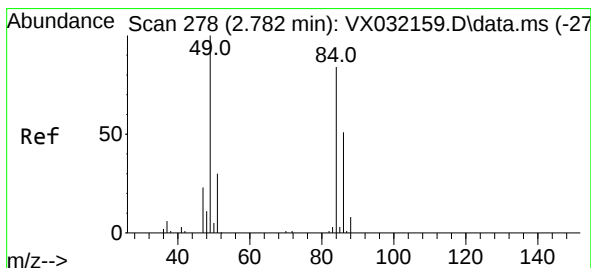
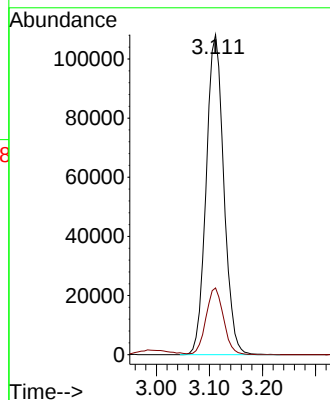
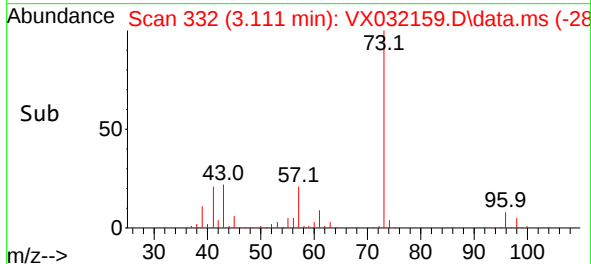
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 24941
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8

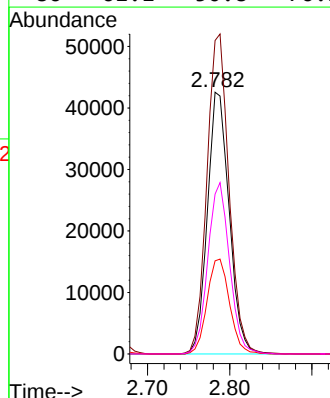
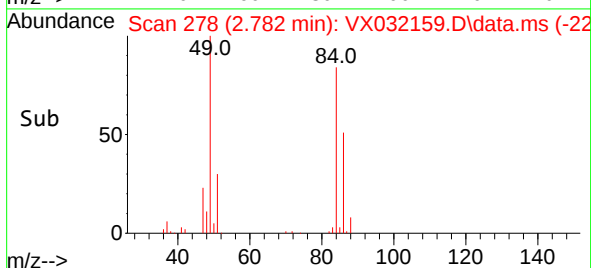
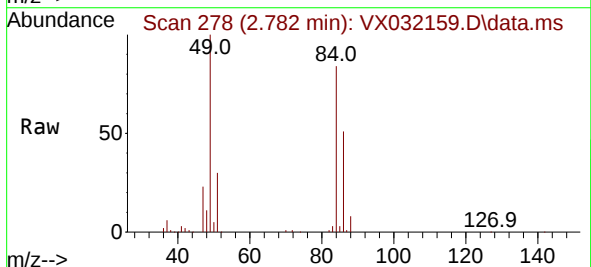
Manual Integrations
APPROVED

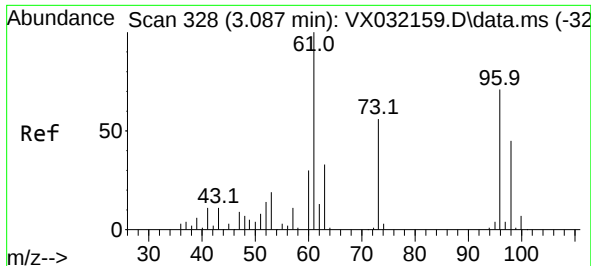
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 45.649 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

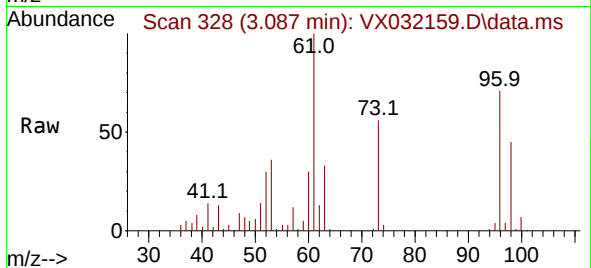
Tgt Ion: 84 Resp: 78365
Ion Ratio Lower Upper
84 100
49 119.8 105.9 158.9
51 35.6 32.2 48.2
86 61.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.610 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

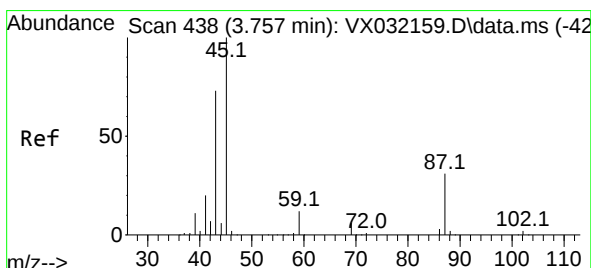
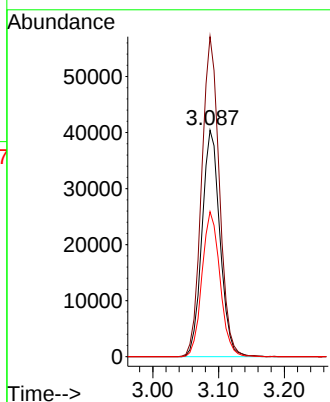
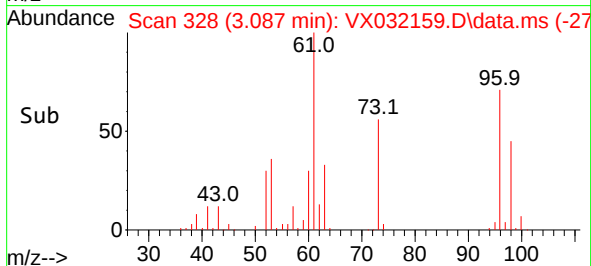
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



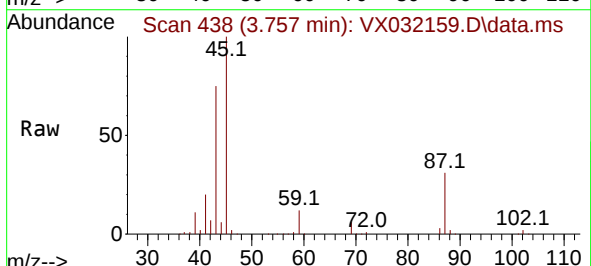
Tgt Ion: 96 Resp: 7676
Ion Ratio Lower Upper
96 100
61 141.4 106.7 160.1
98 64.0 48.7 73.1

Manual Integrations
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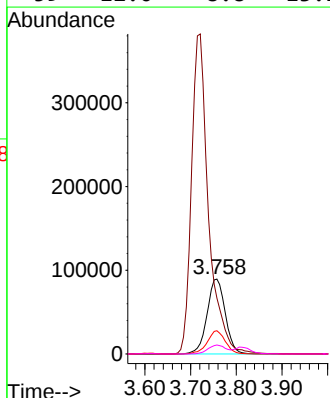
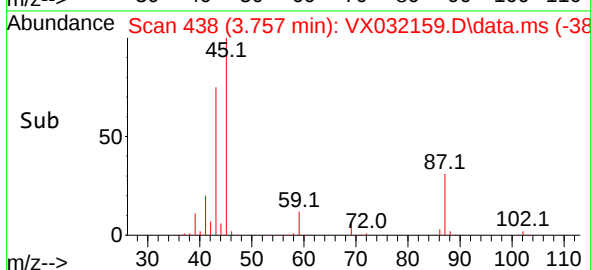
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

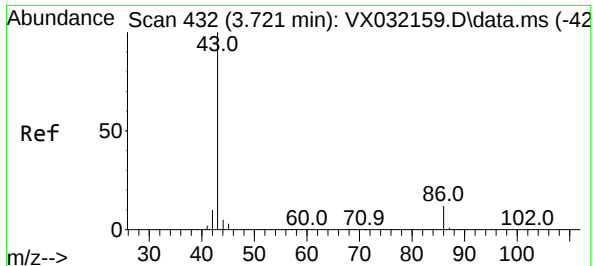


#22
Diisopropyl ether
Concen: 47.259 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



Tgt Ion: 45 Resp: 246905
Ion Ratio Lower Upper
45 100
43 74.0 59.0 88.6
87 31.0 22.6 33.8
59 12.0 8.8 13.2





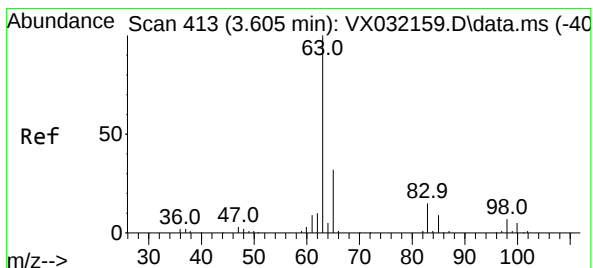
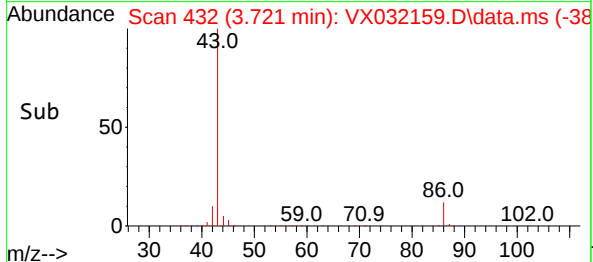
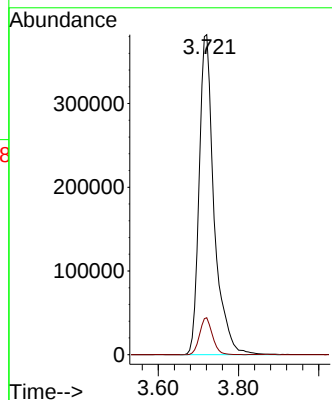
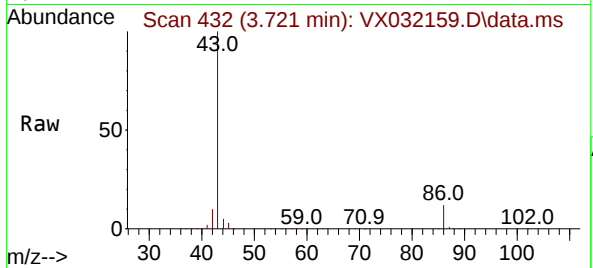
#23
 Vinyl Acetate
 Concen: 242.391 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX032159.D
 Acq: 17 Oct 2022 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 98926
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.7 13.1

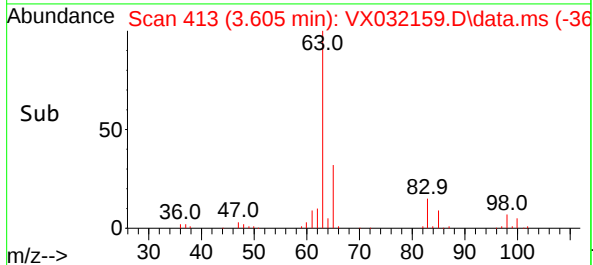
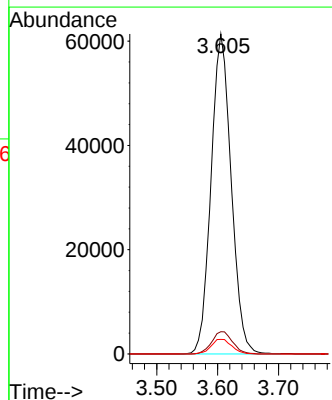
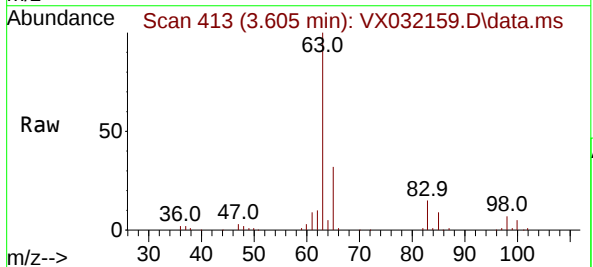
Manual Integrations
 APPROVED

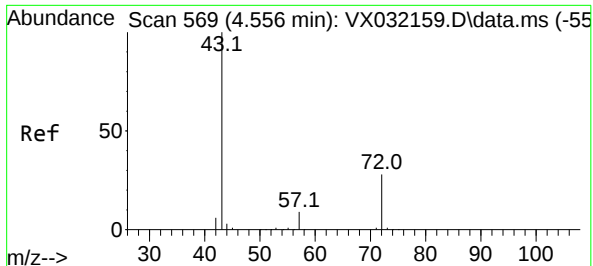
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 46.309 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX032159.D
 Acq: 17 Oct 2022 16:22

Tgt Ion: 63 Resp: 141011
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.6 2.4 7.2





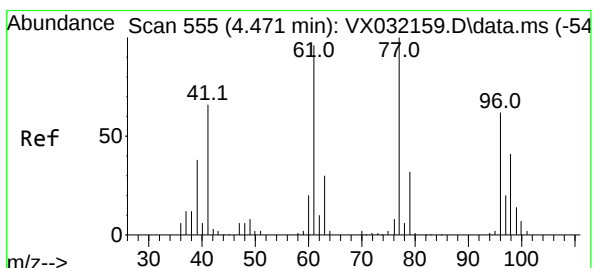
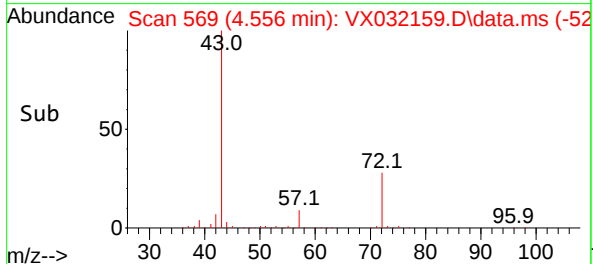
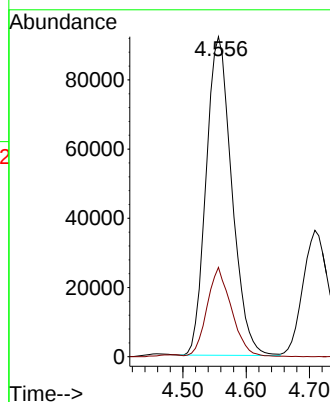
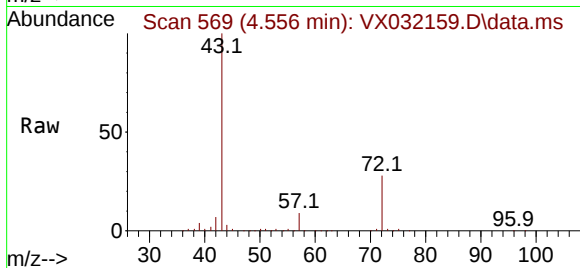
#25
2-Butanone
Concen: 217.819 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 25985
Ion Ratio Lower Upper
43 100
72 27.9 21.1 31.7

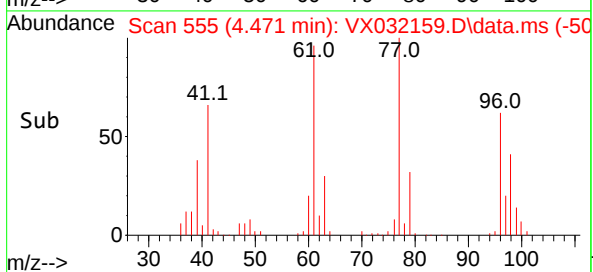
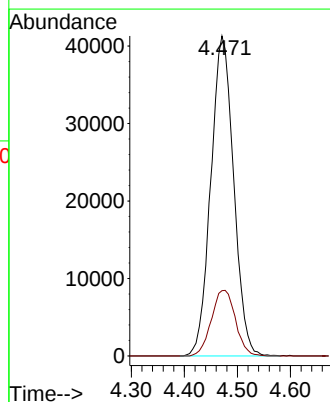
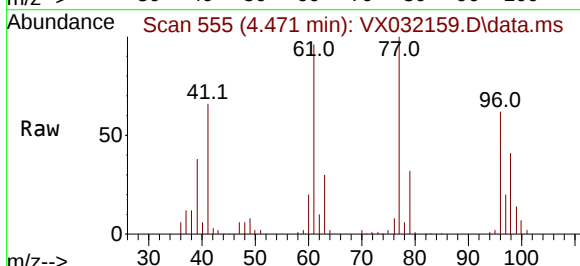
Manual Integrations
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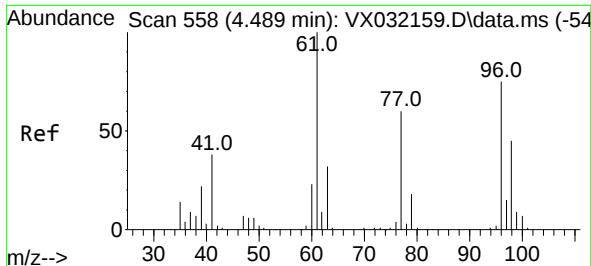
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 51.593 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 77 Resp: 123647
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 47.180 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 9149

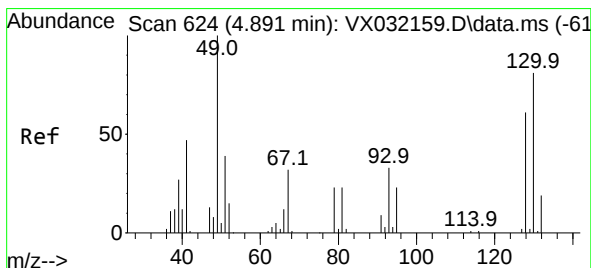
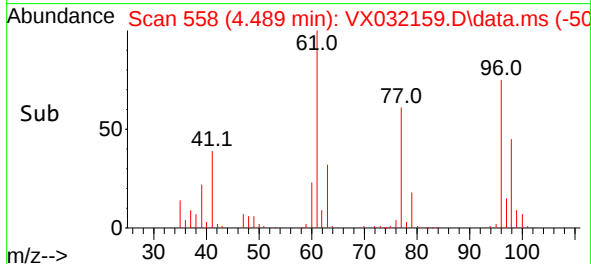
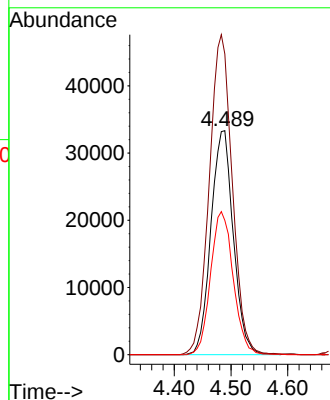
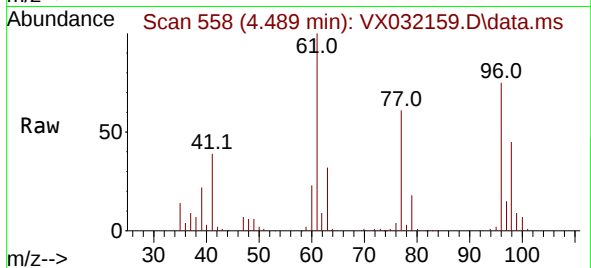
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	305.2
98	64.4	0.0	128.4

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

Bromochloromethane

Concen: 44.911 ug/l

RT: 4.891 min Scan# 624

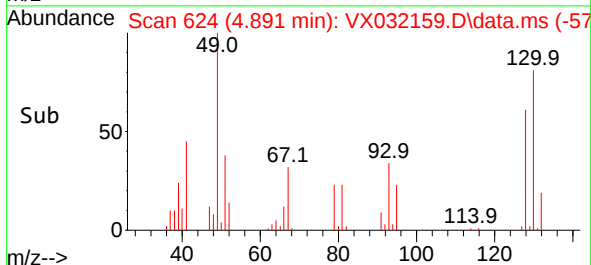
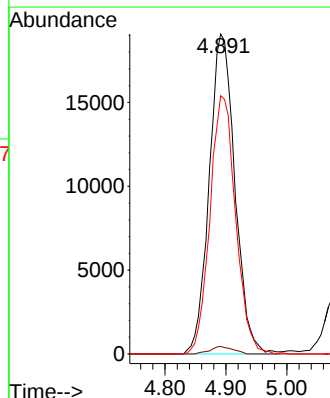
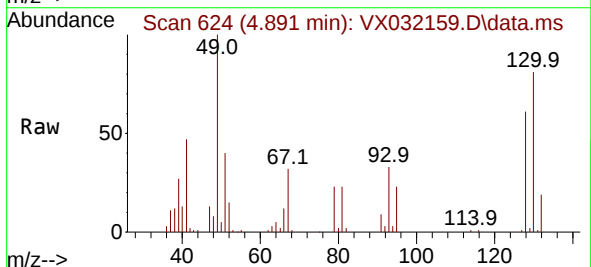
Delta R.T. 0.000 min

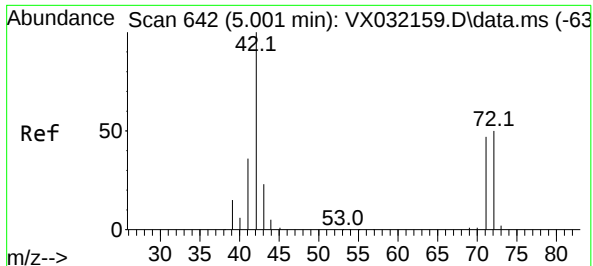
Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Tgt Ion: 49 Resp: 55877

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	80.3	59.0	88.4





#29

Tetrahydrofuran

Concen: 226.557 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 16210

Ion Ratio Lower Upper

42 100

72 47.5 36.4 54.6

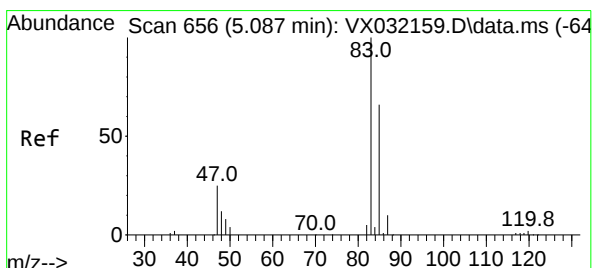
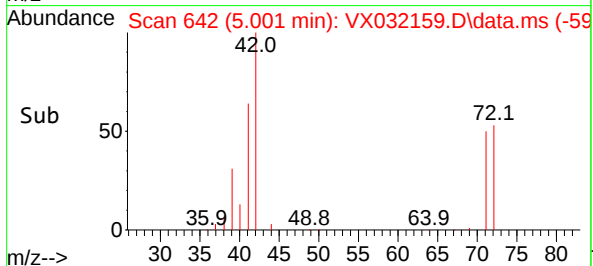
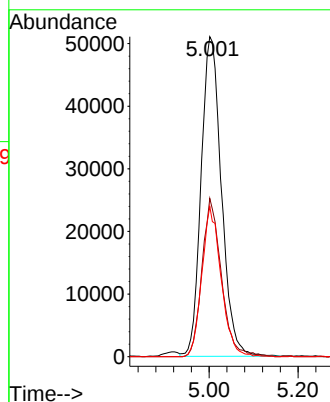
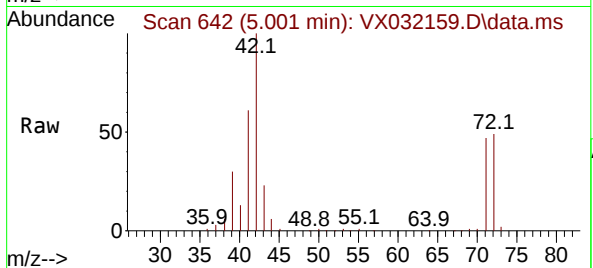
71 44.6 33.5 50.3

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 48.244 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX032159.D

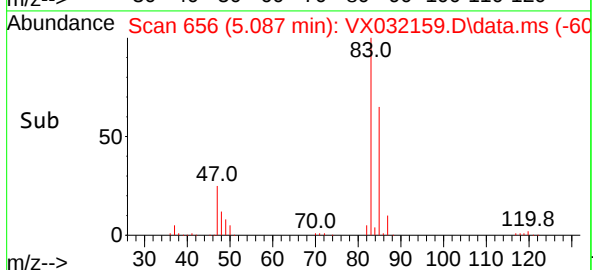
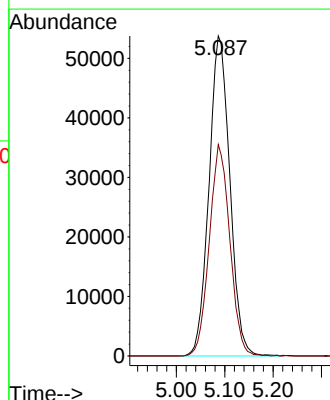
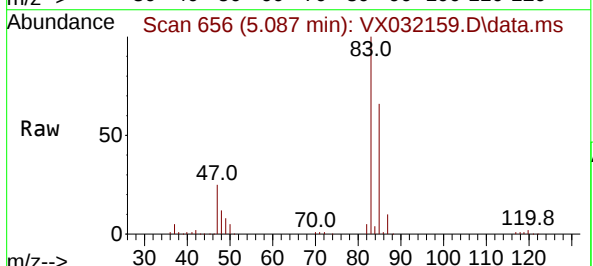
Acq: 17 Oct 2022 16:22

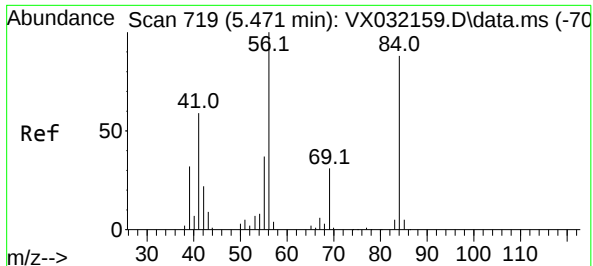
Tgt Ion: 83 Resp: 160774

Ion Ratio Lower Upper

83 100

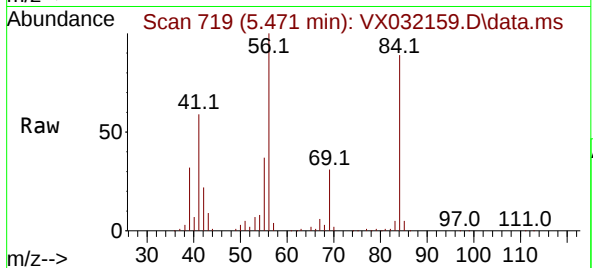
85 66.0 52.8 79.2





#31
Cyclohexane
Concen: 48.341 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

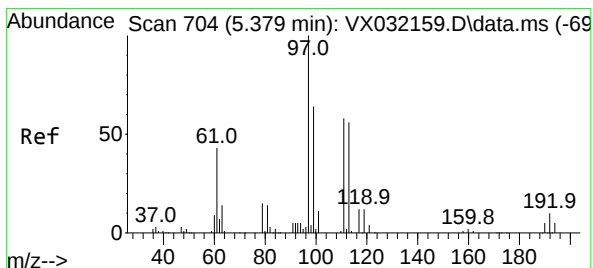
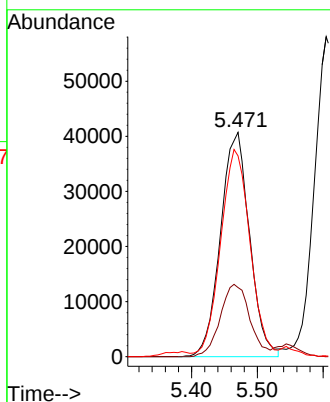
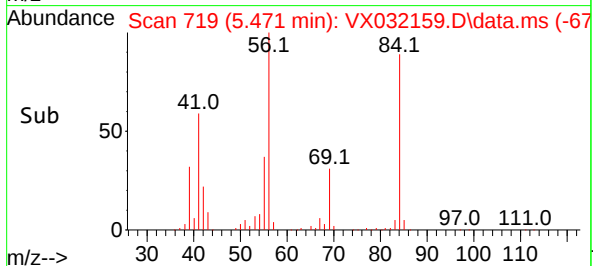
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 125104
Ion Ratio Lower Upper
56 100
69 30.8 25.1 37.7
84 87.7 70.2 105.4

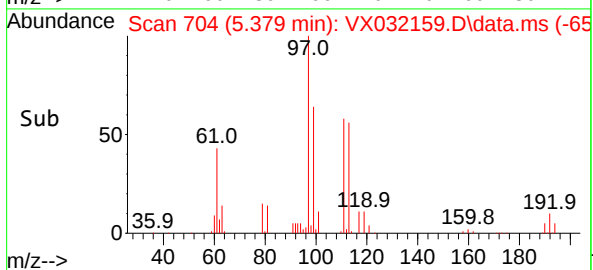
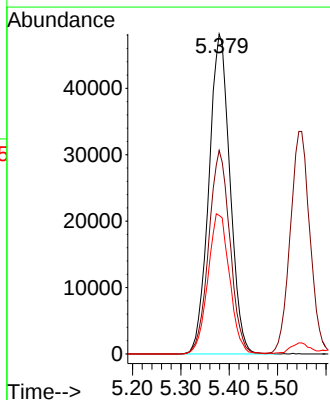
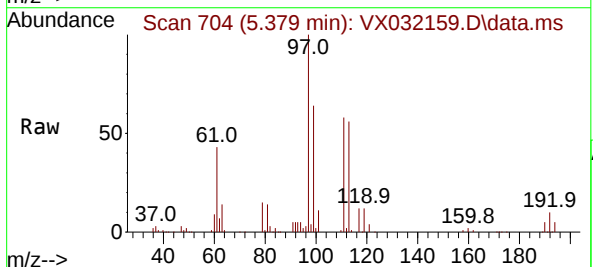
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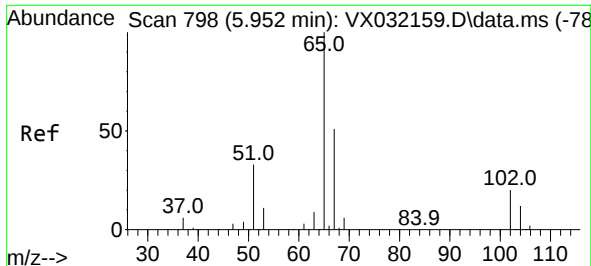
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#32
1,1,1-Trichloroethane
Concen: 54.602 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 97 Resp: 145883
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.244 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 105064

Ion Ratio Lower Upper

65 100

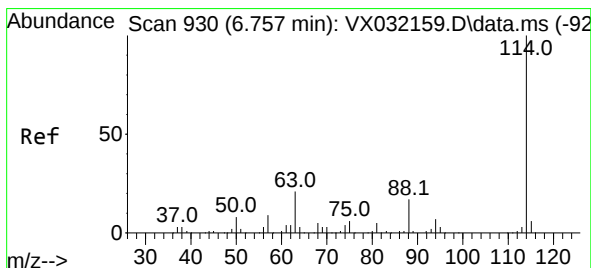
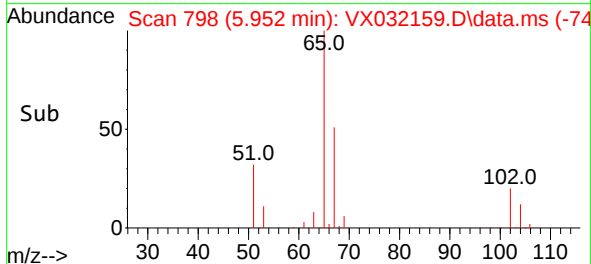
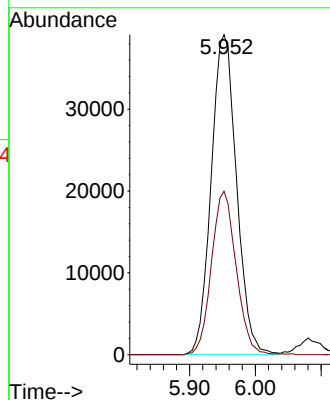
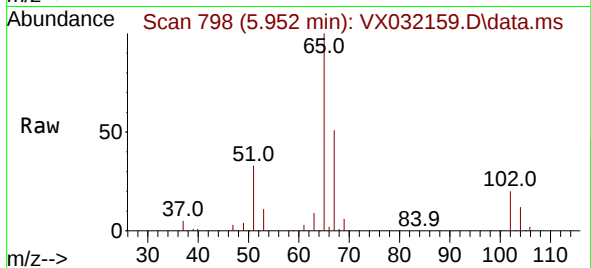
67 49.7 0.0 102.4

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

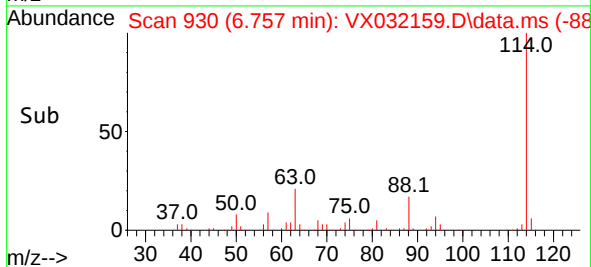
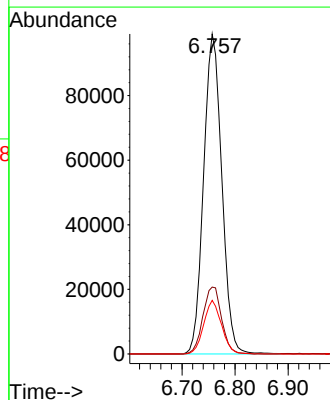
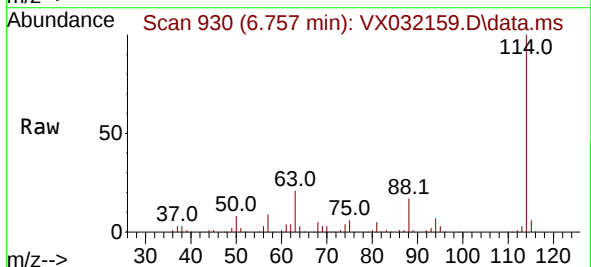
Tgt Ion:114 Resp: 236322

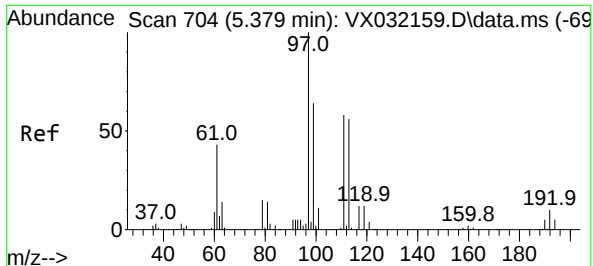
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

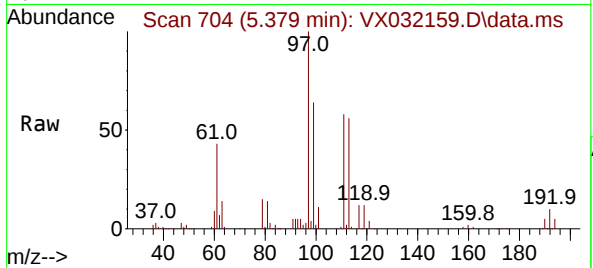
88 16.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.118 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

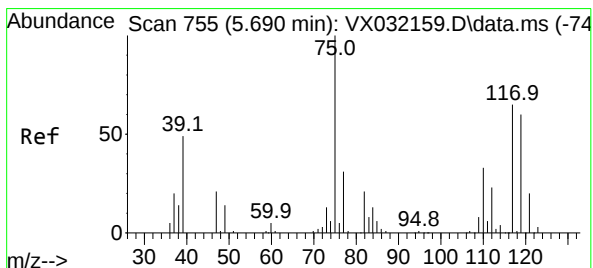
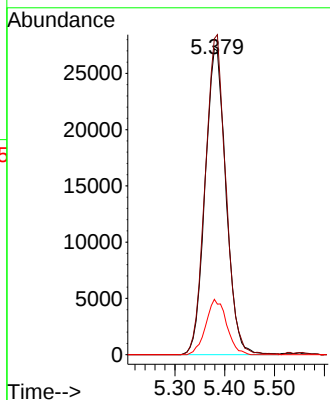
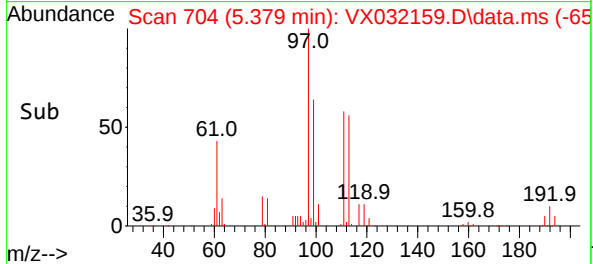
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 7920
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.0 14.1 21.1

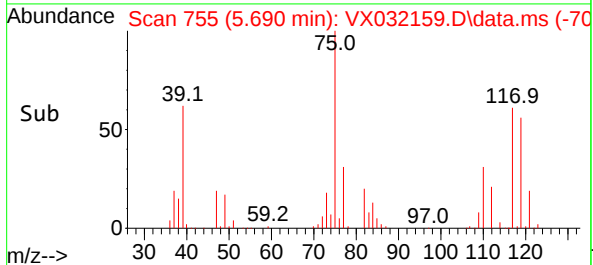
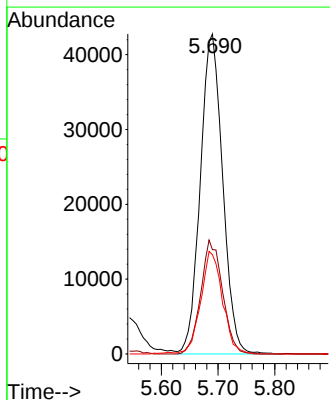
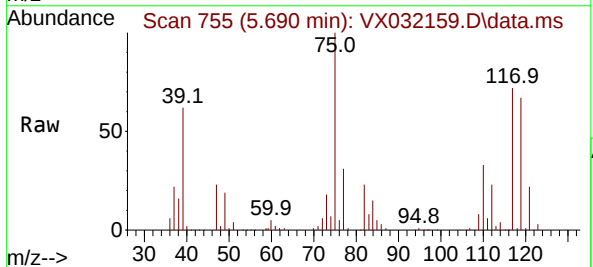
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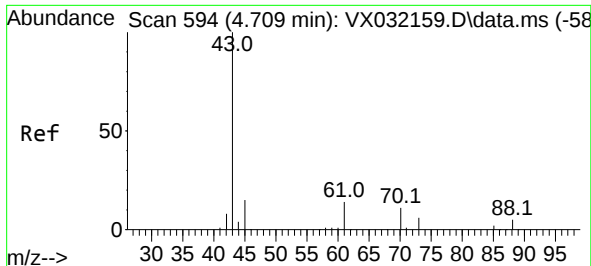
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#36
1,1-Dichloropropene
Concen: 50.219 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 75 Resp: 117155
Ion Ratio Lower Upper
75 100
110 34.6 17.5 52.5
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 44.817 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 104918

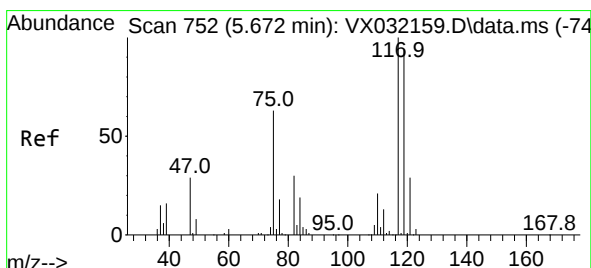
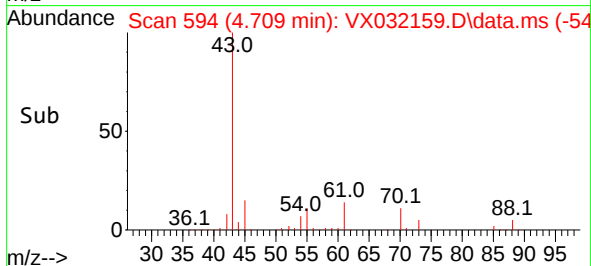
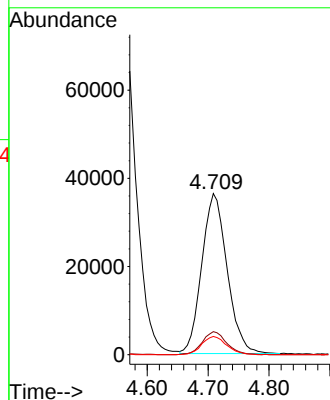
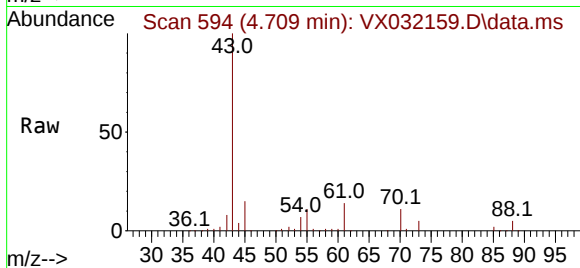
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 52.680 ug/l

RT: 5.672 min Scan# 752

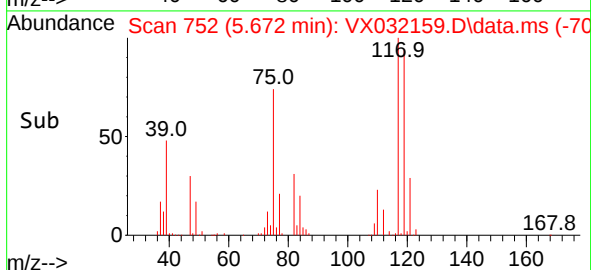
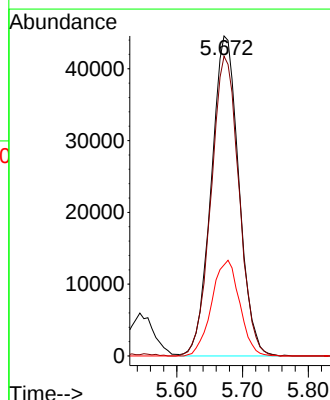
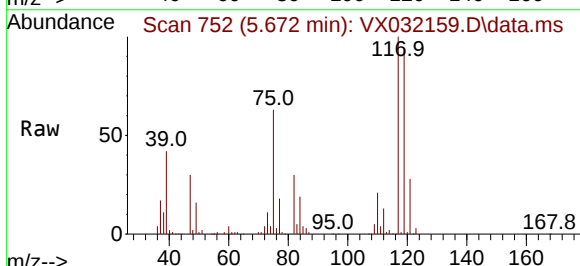
Delta R.T. 0.000 min

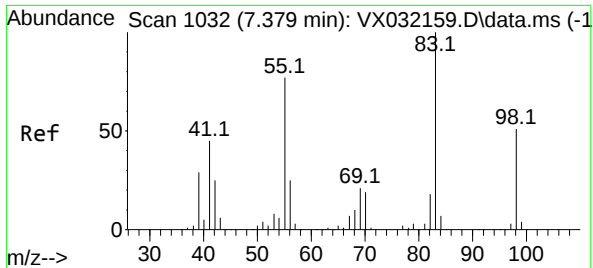
Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Tgt Ion:117 Resp: 130148

Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.6	112.0
121	28.4	25.3	37.9





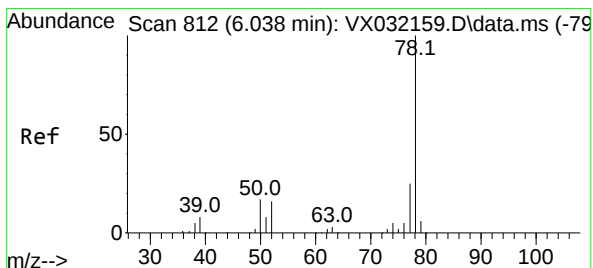
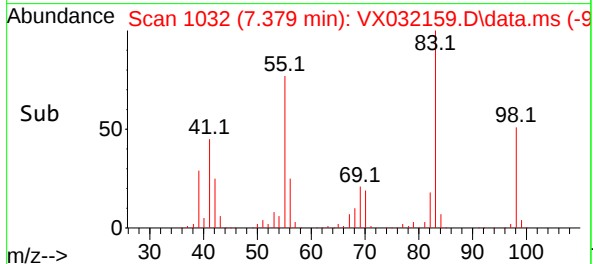
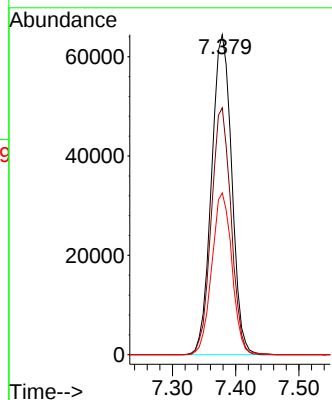
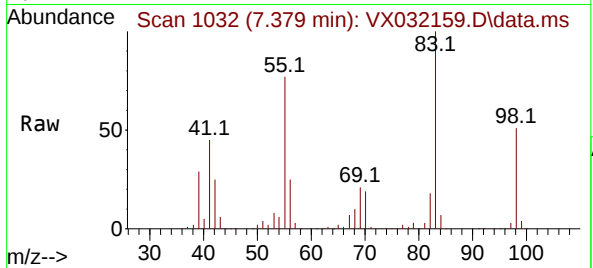
#39
Methylcyclohexane
Concen: 51.079 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 143008
Ion Ratio Lower Upper
83 100
55 77.2 61.0 91.4
98 50.5 37.7 56.5

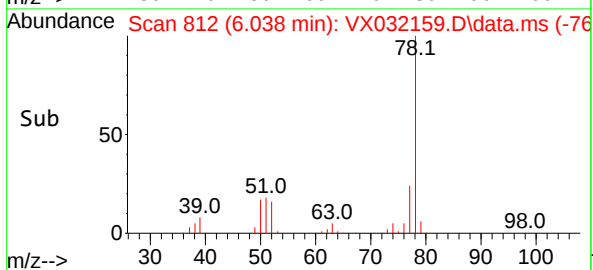
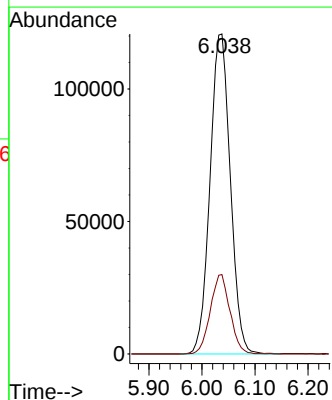
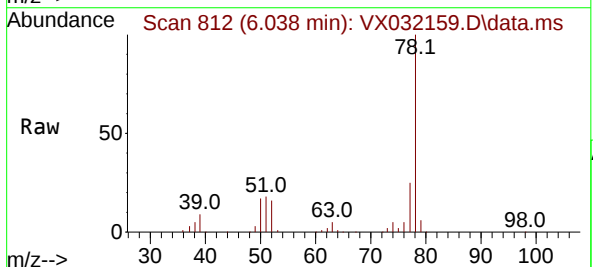
Manual Integrations
APPROVED

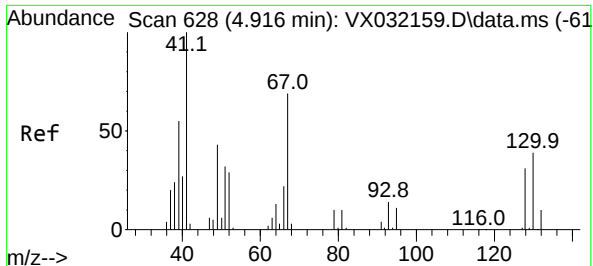
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#40
Benzene
Concen: 49.206 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 78 Resp: 321084
Ion Ratio Lower Upper
78 100
77 24.8 18.7 28.1





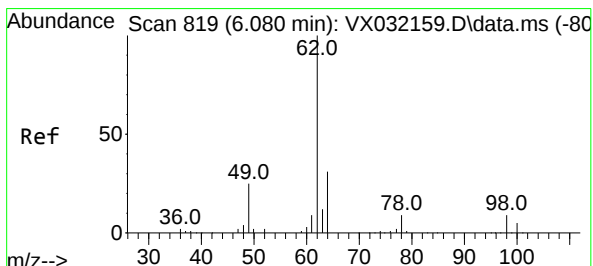
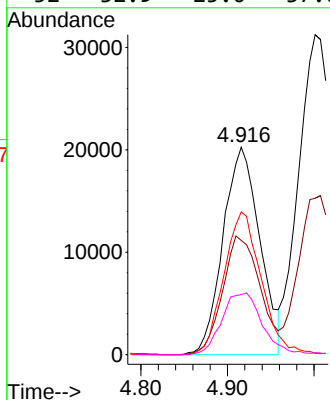
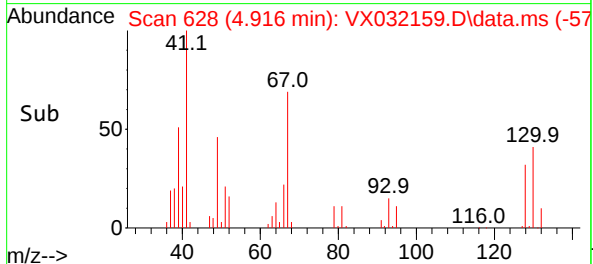
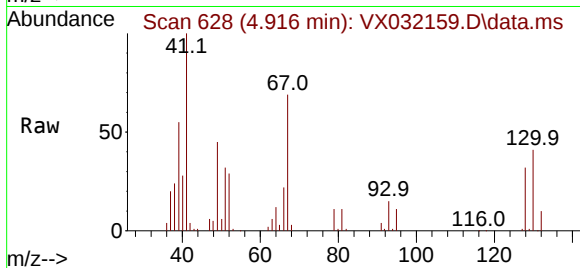
#41
Methacrylonitrile
Concen: 49.645 ug/l
RT: 4.916 min Scan# 612
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 5992
Ion Ratio Lower Upper
41 100
39 58.2 45.0 67.6
67 69.8 58.2 87.4
52 32.9 25.0 37.6

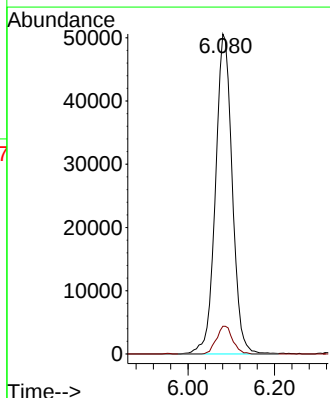
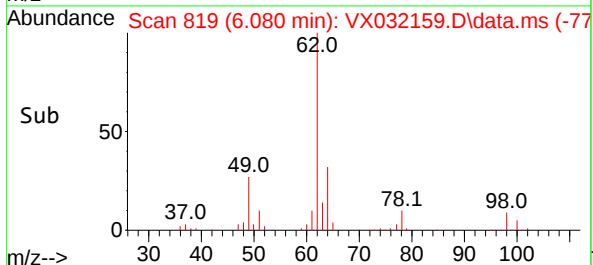
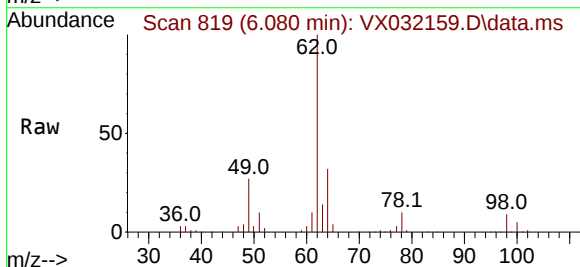
Manual Integrations
APPROVED

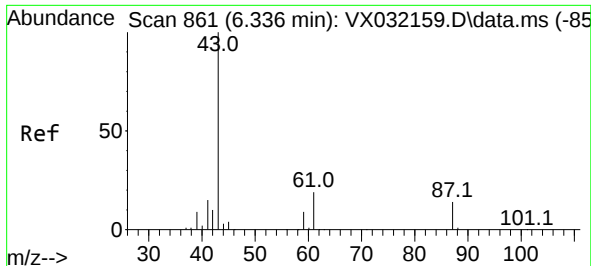
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#42
1,2-Dichloroethane
Concen: 49.825 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

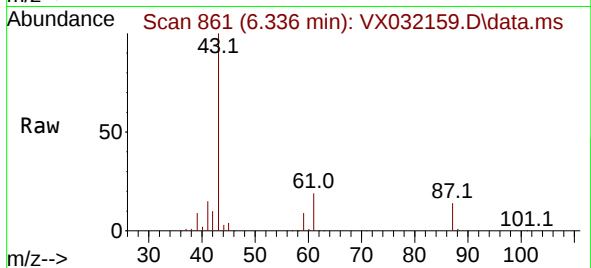
Tgt Ion: 62 Resp: 136176
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8





#43
Isopropyl Acetate
Concen: 49.441 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

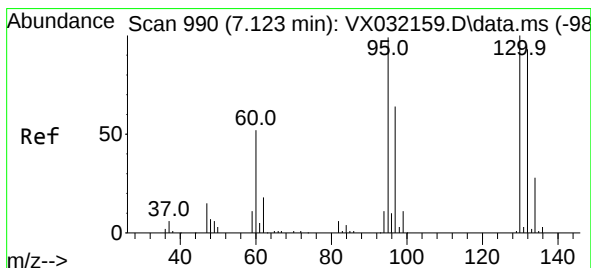
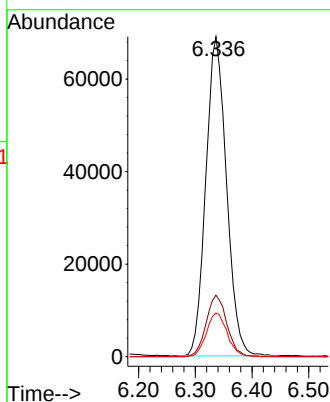
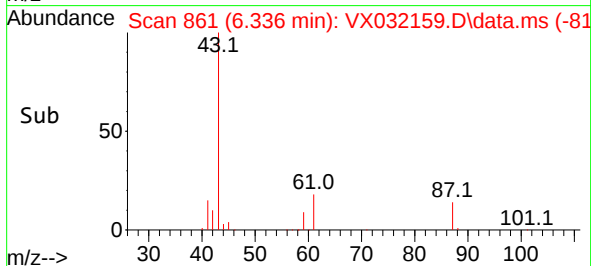
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 174410
Ion Ratio Lower Upper
43 100
61 19.3 15.3 22.9
87 13.8 10.6 15.8

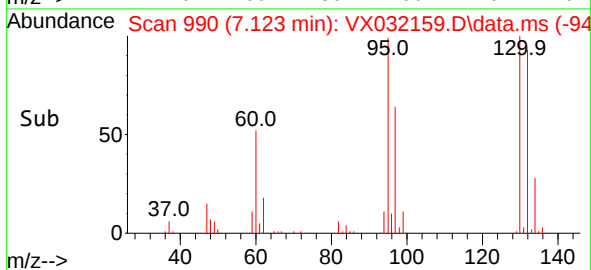
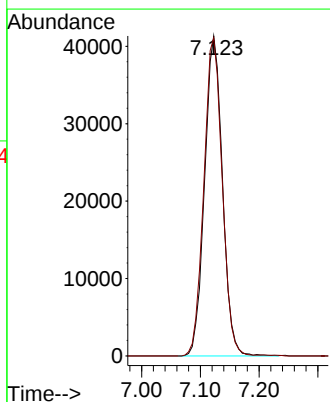
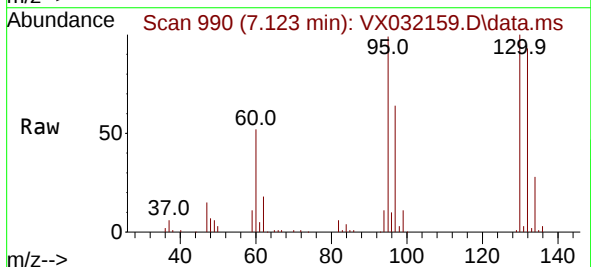
Manual Integrations
APPROVED

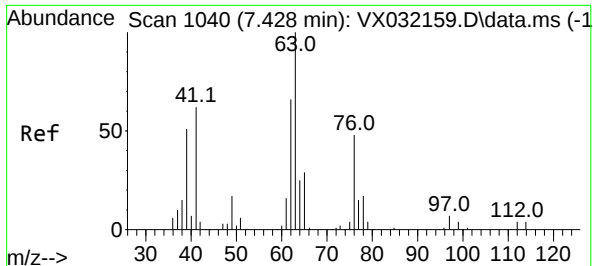
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#44
Trichloroethene
Concen: 47.543 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion:130 Resp: 87413
Ion Ratio Lower Upper
130 100
95 99.4 0.0 206.8





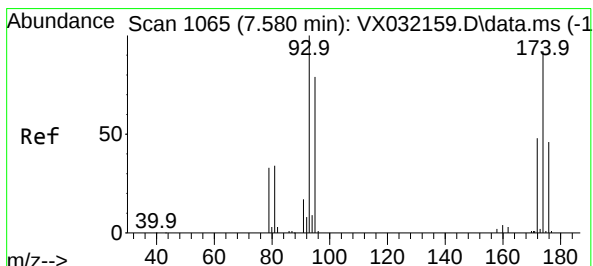
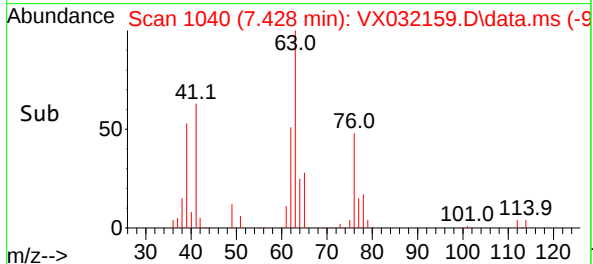
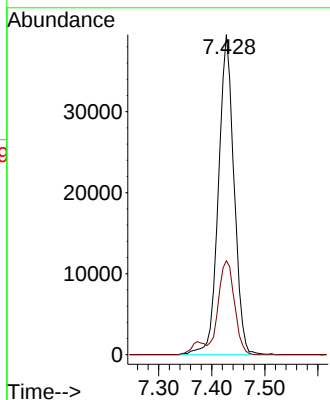
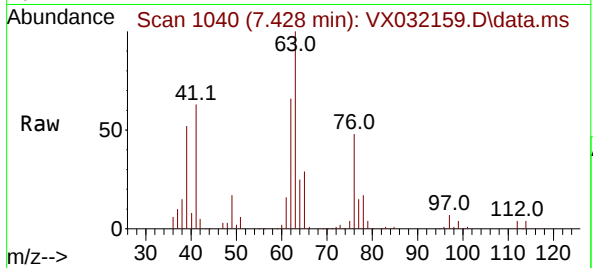
#45
1,2-Dichloropropane
Concen: 49.597 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 80628
Ion Ratio Lower Upper
63 100
65 29.3 26.6 39.8

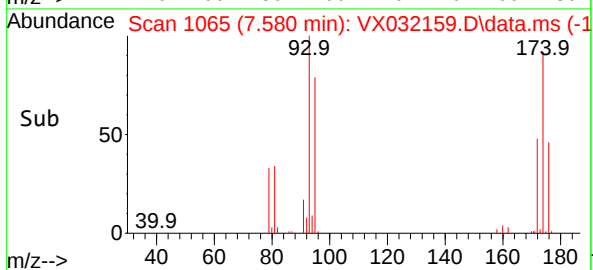
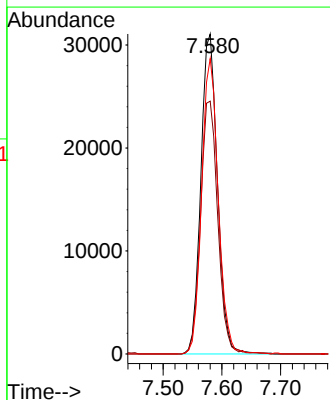
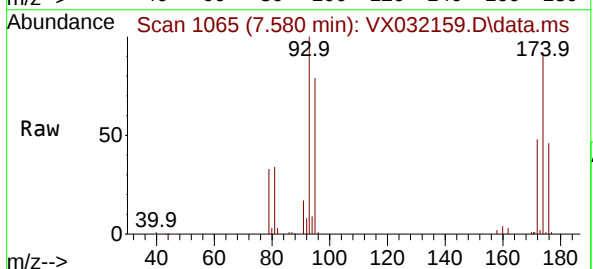
Manual Integrations
APPROVED

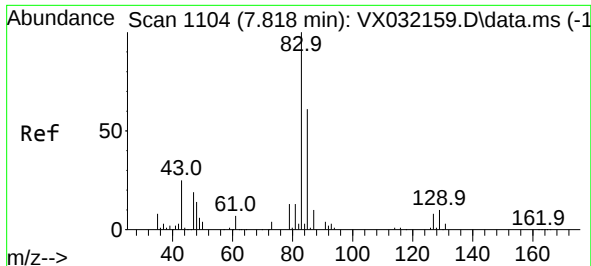
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#46
Dibromomethane
Concen: 48.987 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

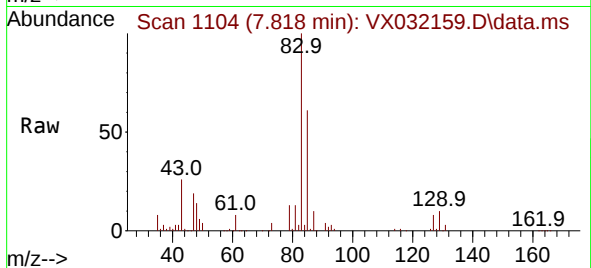
Tgt Ion: 93 Resp: 61176
Ion Ratio Lower Upper
93 100
95 81.8 65.5 98.3
174 92.3 67.6 101.4





#47
Bromodichloromethane
Concen: 52.594 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

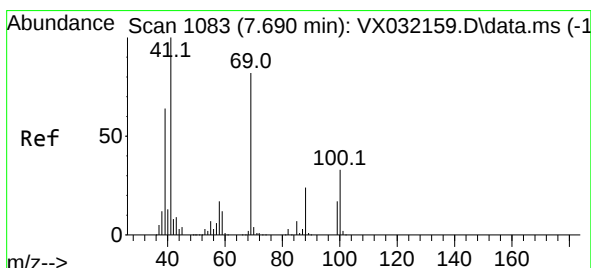
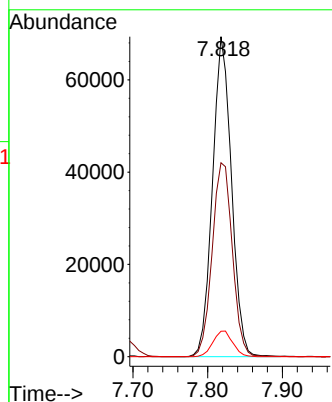
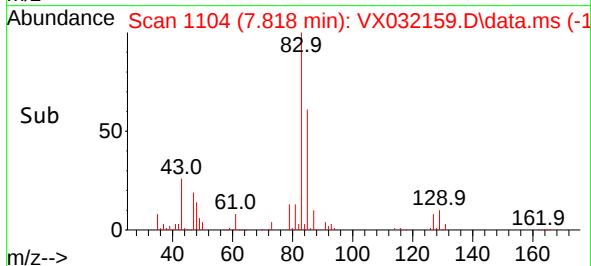
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 122350
Ion Ratio Lower Upper
83 100
85 60.6 51.0 76.6
127 7.9 7.0 10.6

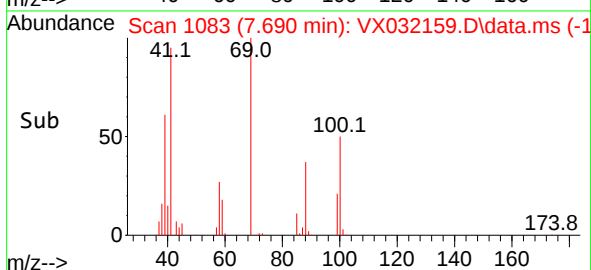
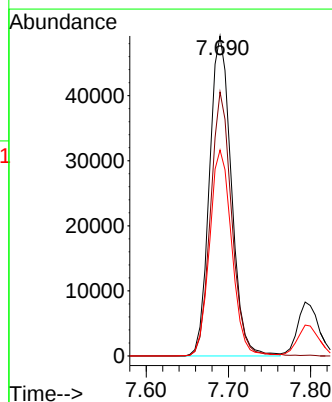
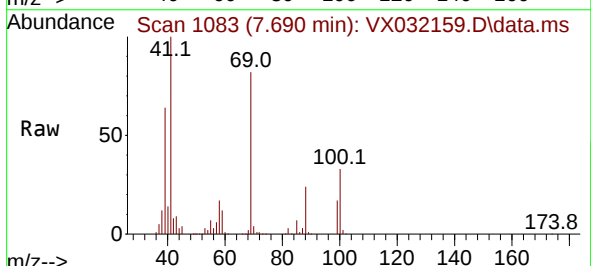
Manual Integrations
APPROVED

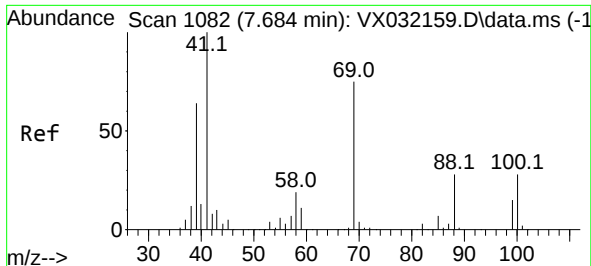
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#48
Methyl methacrylate
Concen: 50.852 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 41 Resp: 90919
Ion Ratio Lower Upper
41 100
69 80.1 64.6 96.8
39 65.2 51.4 77.0





#49

1,4-Dioxane

Concen: 857.016 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

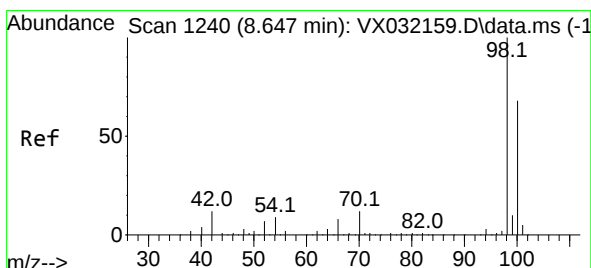
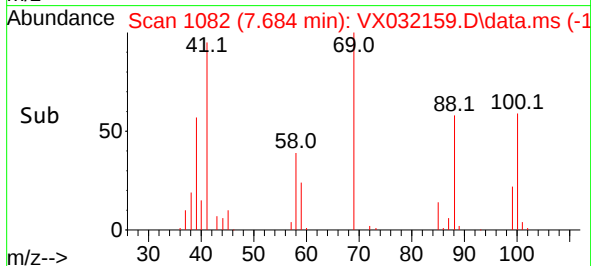
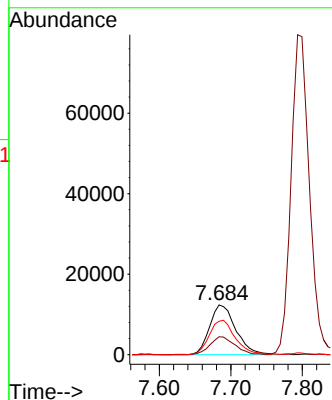
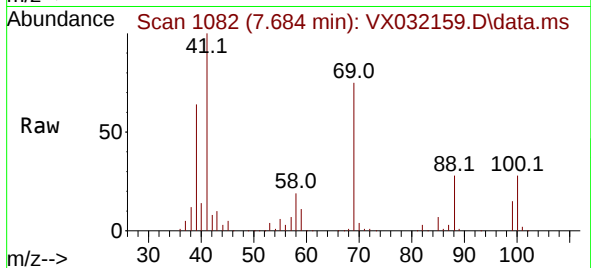
Tgt Ion:	88	Resp:	3141
Ion Ratio	Lower	Upper	
88	100		
43	34.9	27.1	40.7
58	68.3	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 51.691 ug/l

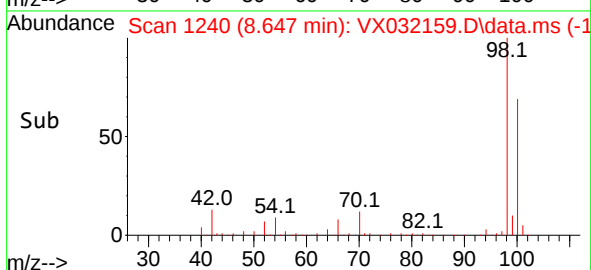
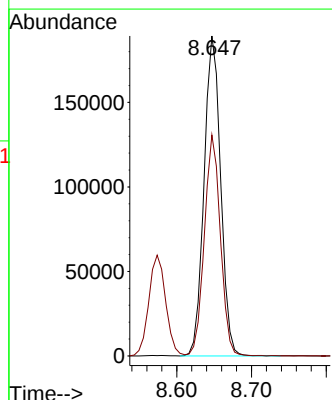
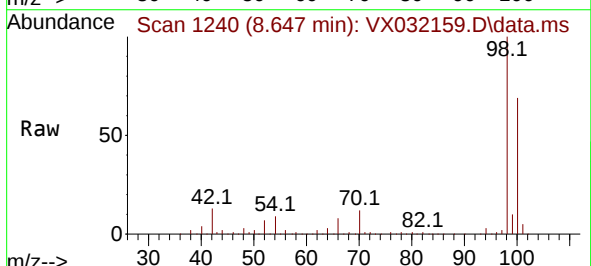
RT: 8.647 min Scan# 1240

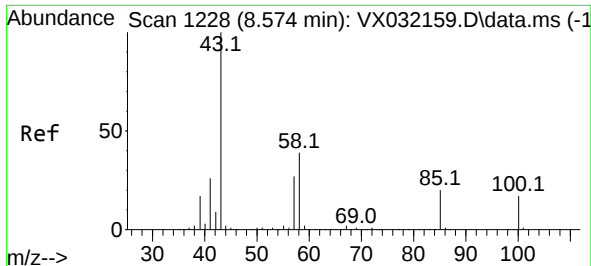
Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Tgt Ion:	98	Resp:	292354
Ion Ratio	Lower	Upper	
98	100		
100	66.7	52.5	78.7





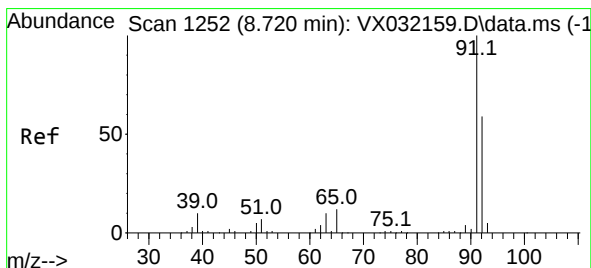
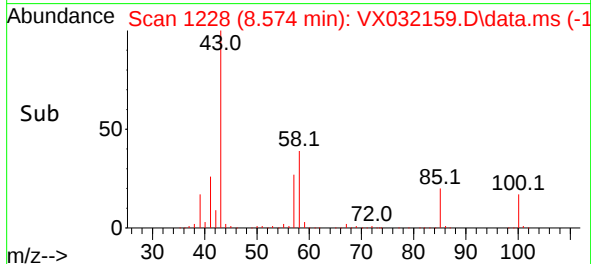
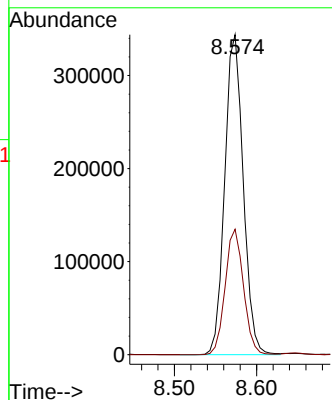
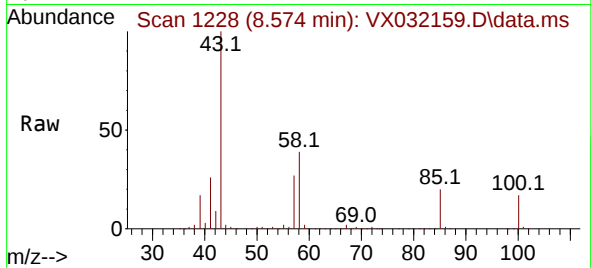
#51
4-Methyl-2-Pentanone
Concen: 249.059 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 538780
Ion Ratio Lower Upper
43 100
58 38.9 30.6 46.0

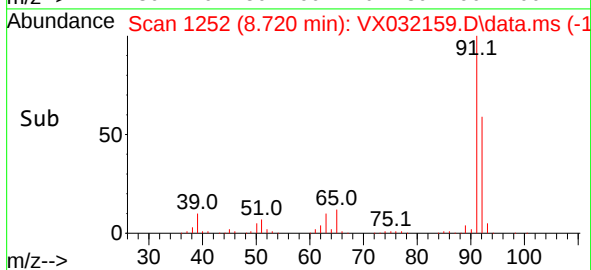
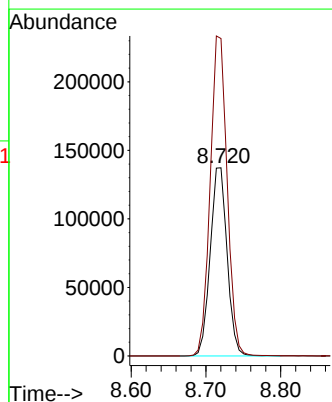
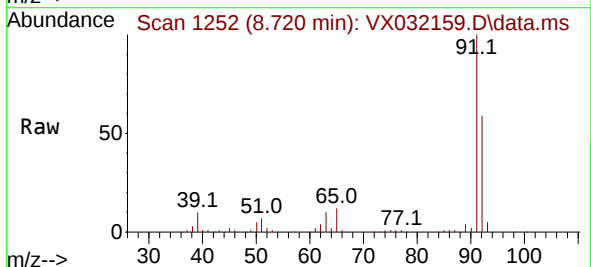
Manual Integrations
APPROVED

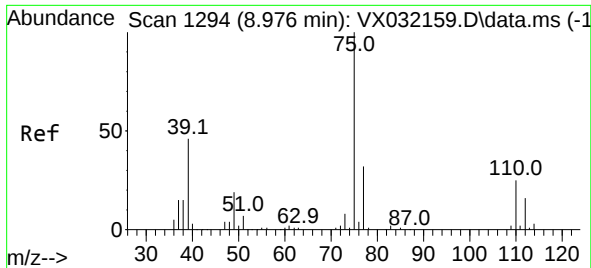
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 51.928 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 92 Resp: 215889
Ion Ratio Lower Upper
92 100
91 170.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 44.076 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 9146

Ion Ratio Lower Upper

75 100

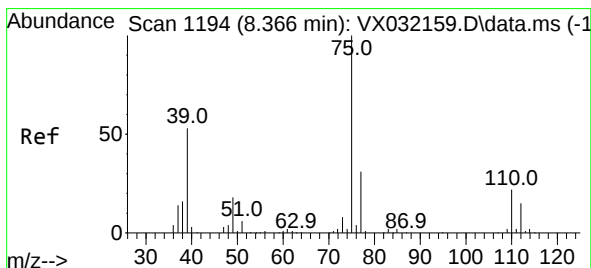
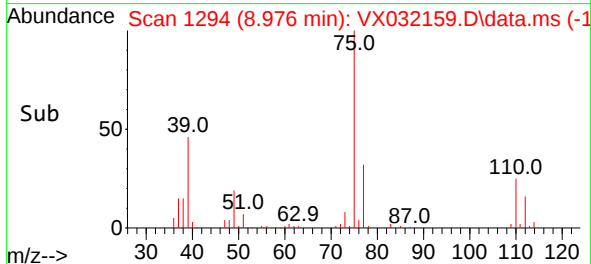
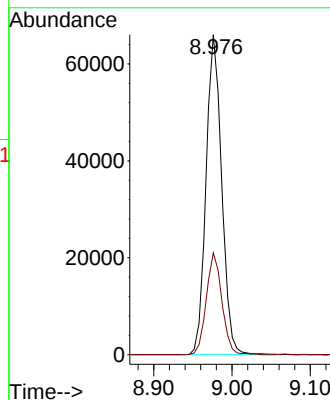
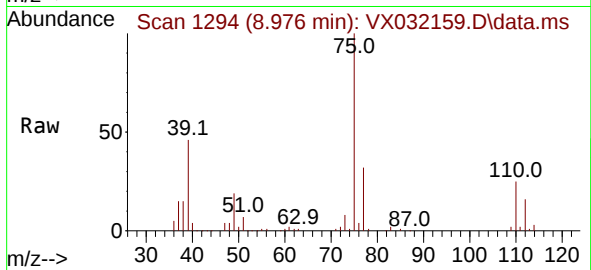
77 31.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#54

cis-1,3-Dichloropropene

Concen: 55.863 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

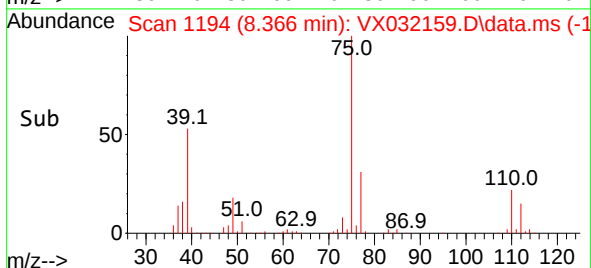
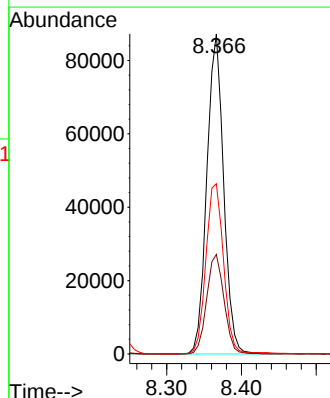
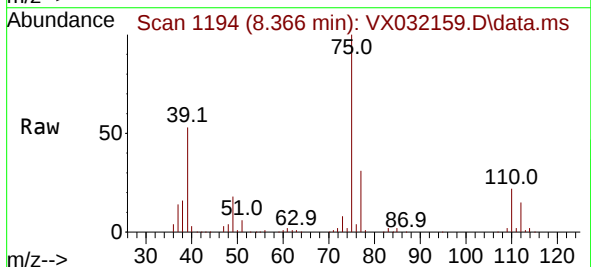
Tgt Ion: 75 Resp: 136130

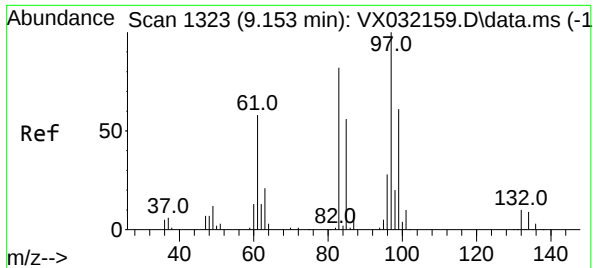
Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6

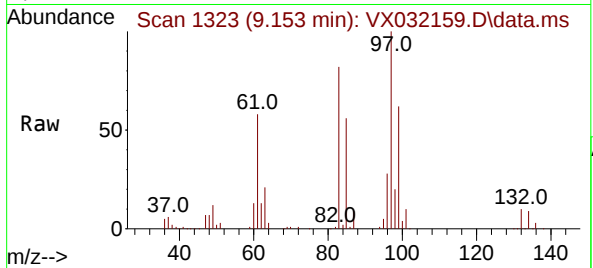
39 53.1 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 40.937 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

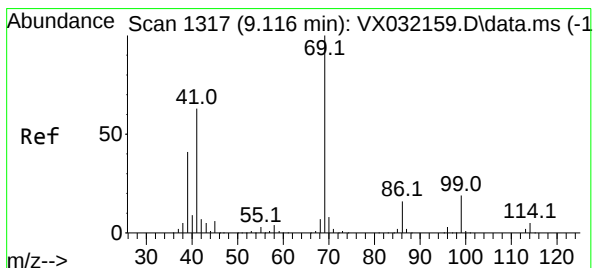
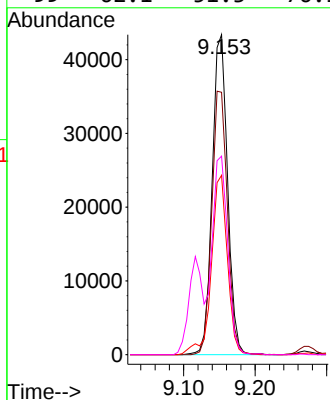
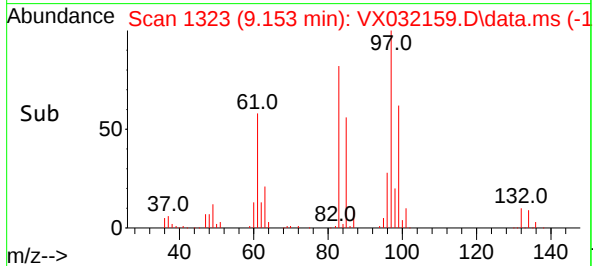
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 97 Resp: 64608
Ion Ratio Lower Upper
97 100
83 82.0 69.0 103.6
85 56.1 44.1 66.1
99 62.1 51.3 76.9

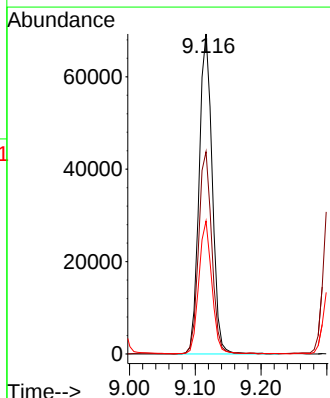
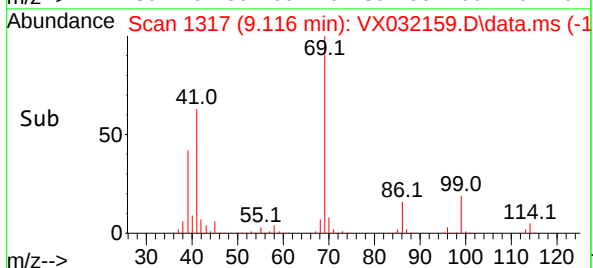
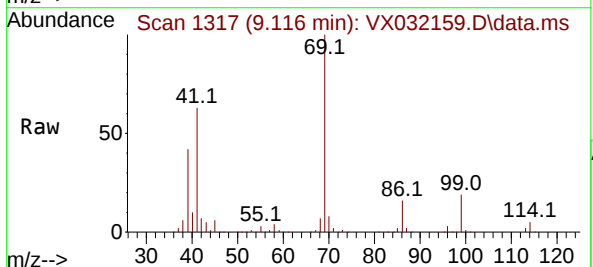
Manual Integrations
APPROVED

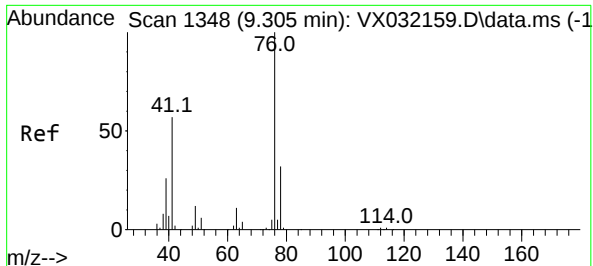
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#56
Ethyl methacrylate
Concen: 42.710 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 69 Resp: 96268
Ion Ratio Lower Upper
69 100
41 63.5 54.2 81.4
39 40.9 34.2 51.2





#57

1,3-Dichloropropane

Concen: 39.310 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 108774

Ion Ratio Lower Upper

76 100

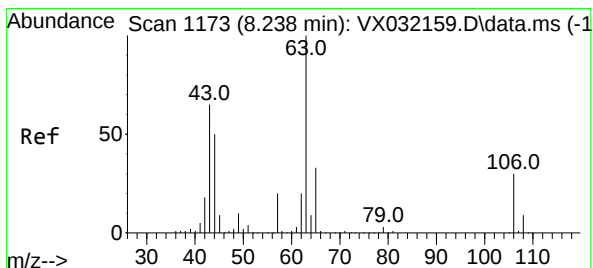
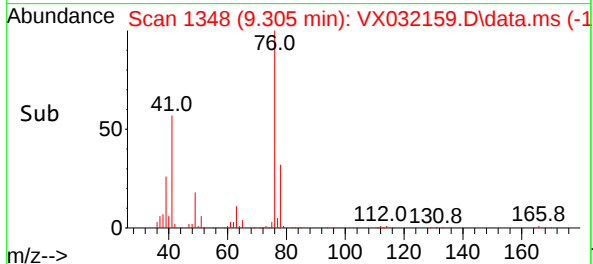
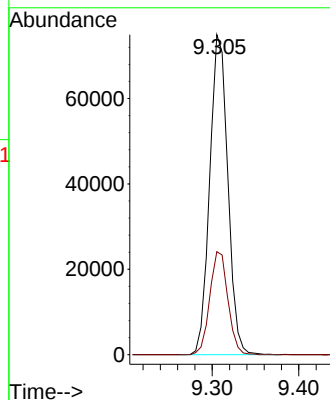
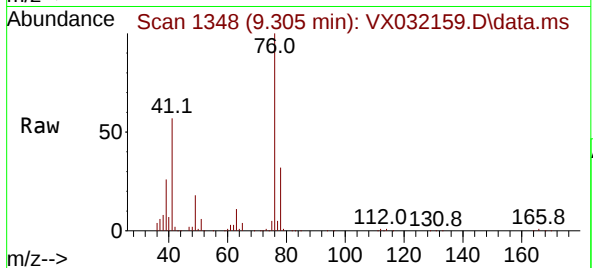
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 251.934 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX032159.D

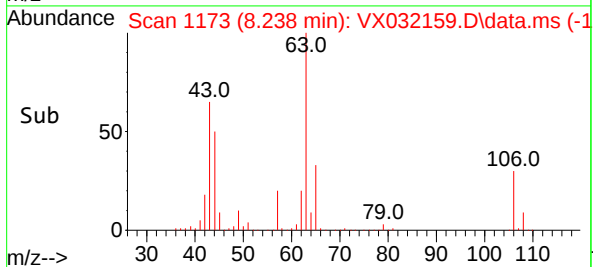
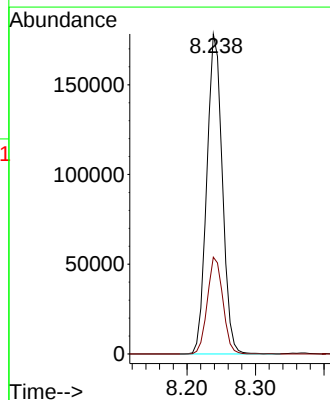
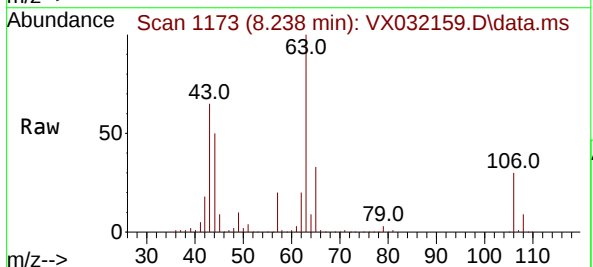
Acq: 17 Oct 2022 16:22

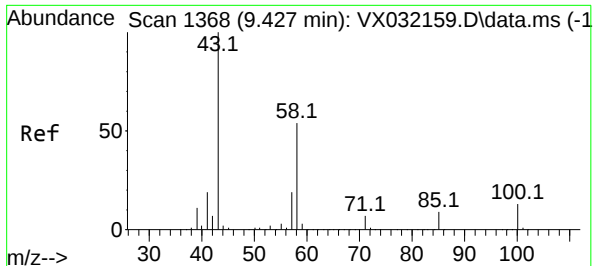
Tgt Ion: 63 Resp: 281330

Ion Ratio Lower Upper

63 100

106 30.2 22.6 34.0





#59

2-Hexanone

Concen: 192.172 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 30798

Ion Ratio Lower Upper

43 100

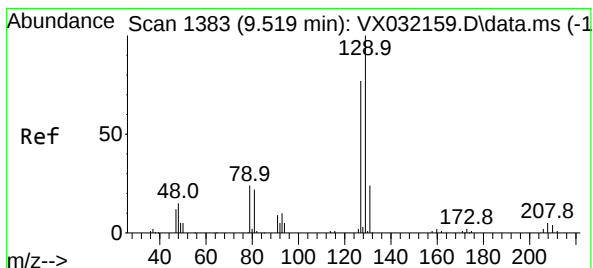
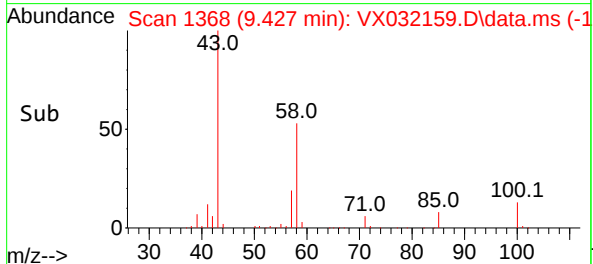
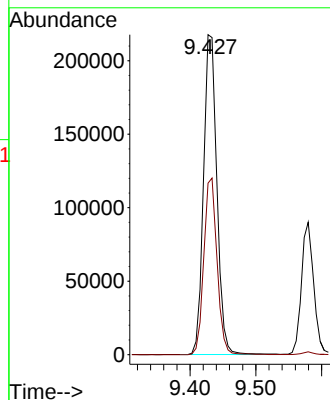
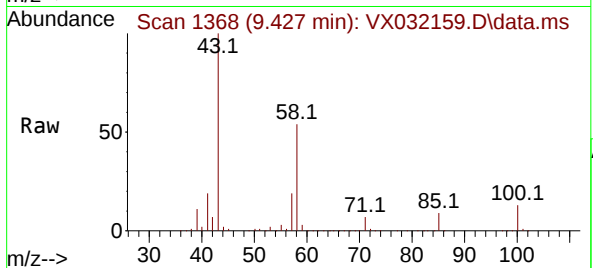
58 54.7 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#60

Dibromochloromethane

Concen: 41.407 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX032159.D

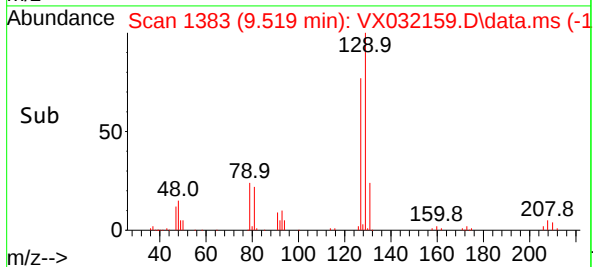
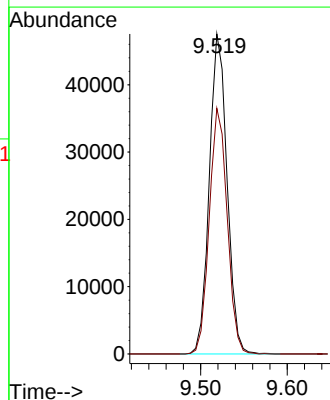
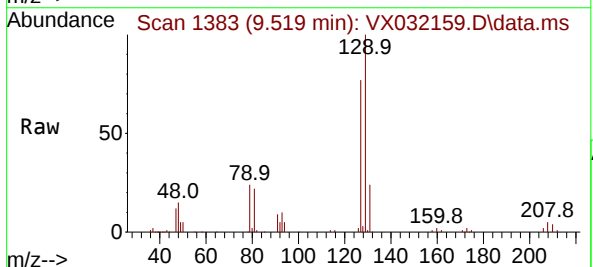
Acq: 17 Oct 2022 16:22

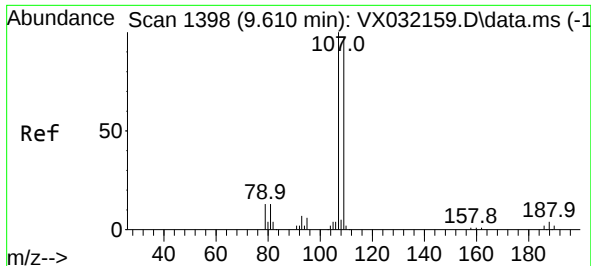
Tgt Ion:129 Resp: 67608

Ion Ratio Lower Upper

129 100

127 77.6 38.7 116.1





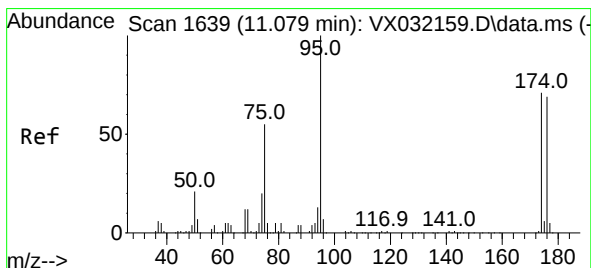
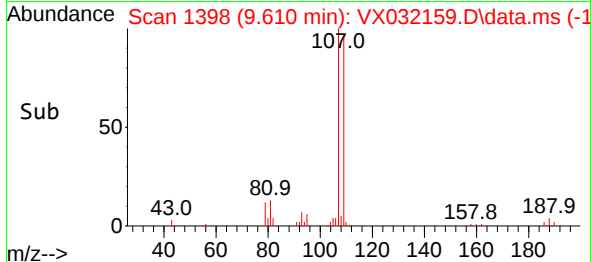
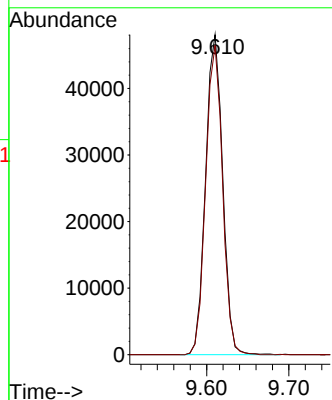
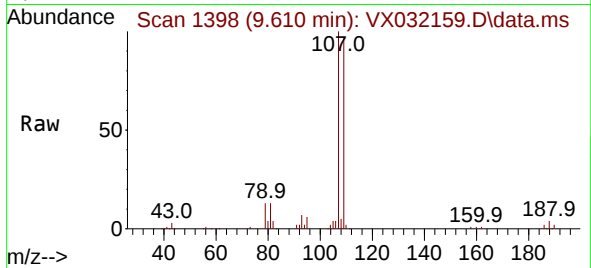
#61
1,2-Dibromoethane
Concen: 40.670 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 69319
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4

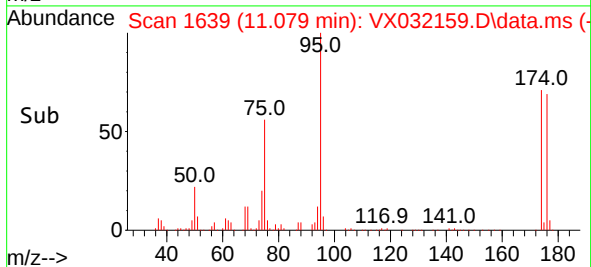
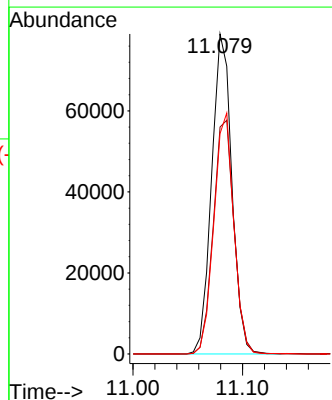
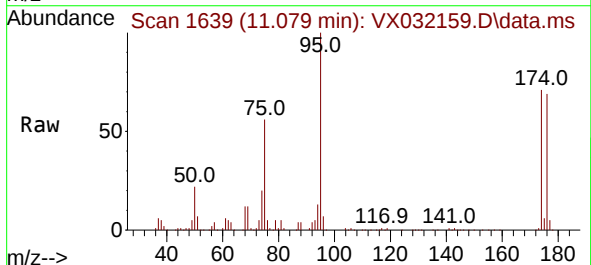
Manual Integrations
APPROVED

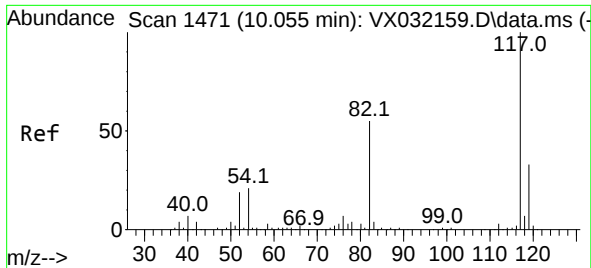
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
4-Bromofluorobenzene
Concen: 46.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

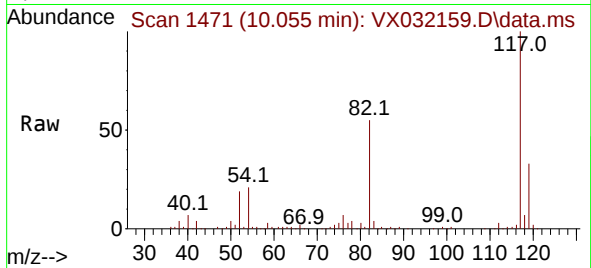
Tgt Ion: 95 Resp: 101119
Ion Ratio Lower Upper
95 100
174 75.3 0.0 153.2
176 74.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

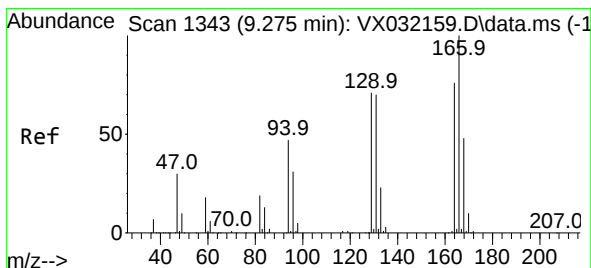
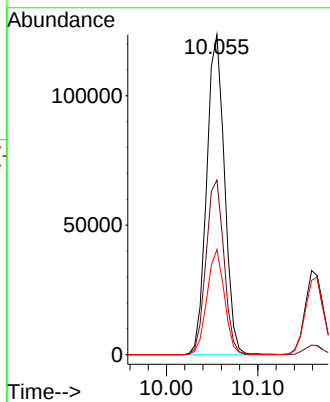
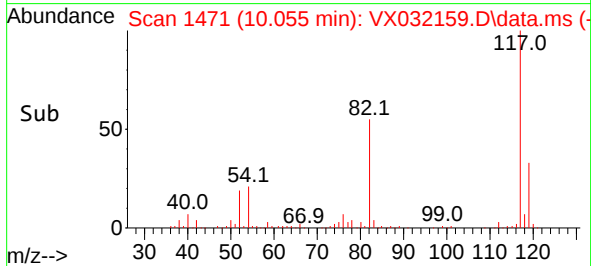
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 16712
Ion Ratio Lower Upper
117 100
82 54.6 46.8 70.2
119 32.8 26.4 39.6

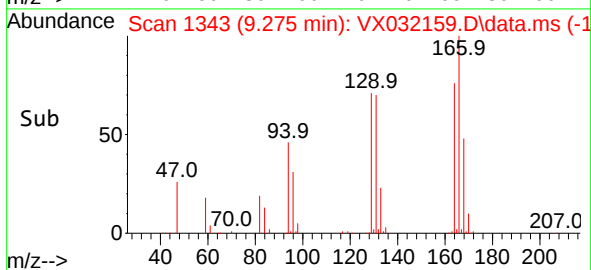
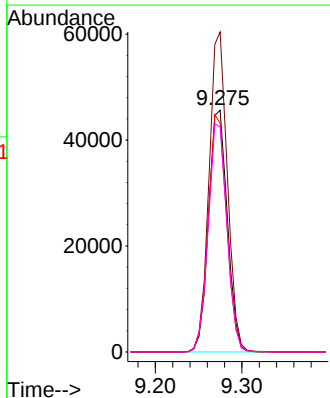
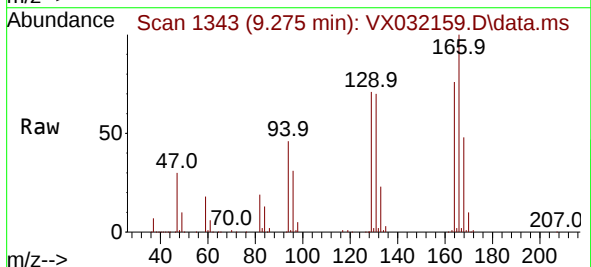
Manual Integrations
APPROVED

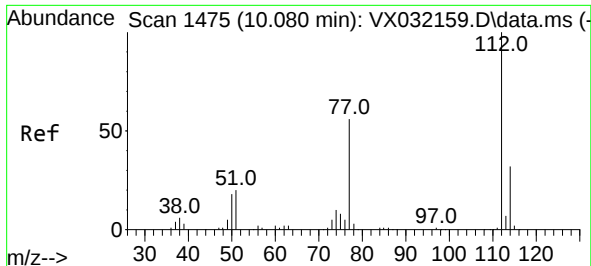
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 49.608 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

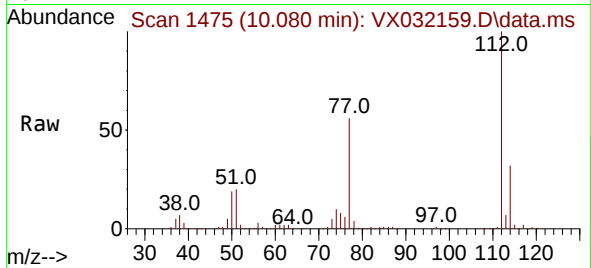
Tgt Ion:164 Resp: 68904
Ion Ratio Lower Upper
164 100
166 132.4 99.0 148.4
129 94.6 78.0 117.0
131 93.1 74.2 111.2





#65
Chlorobenzene
Concen: 48.810 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

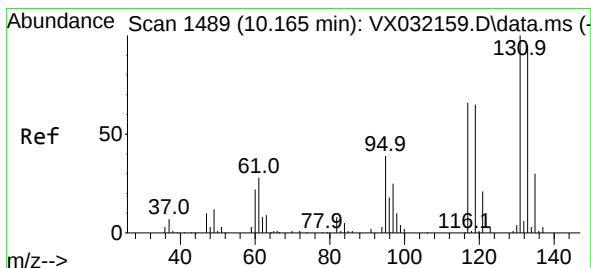
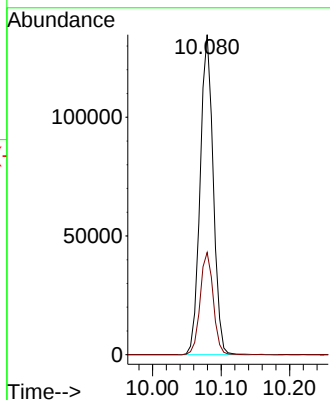
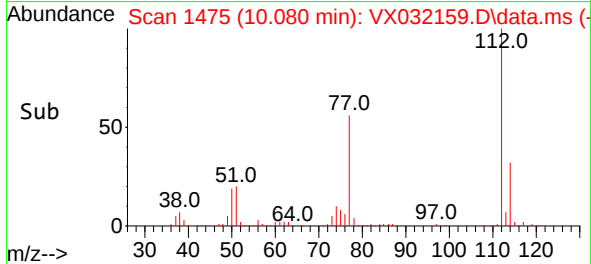
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



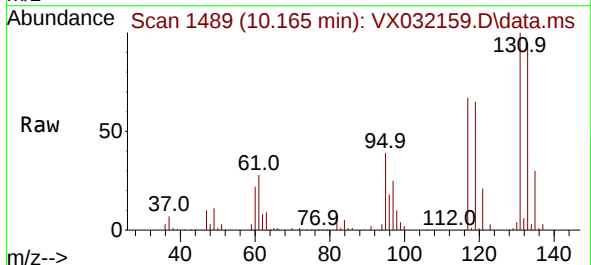
Tgt Ion:112 Resp: 179244
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

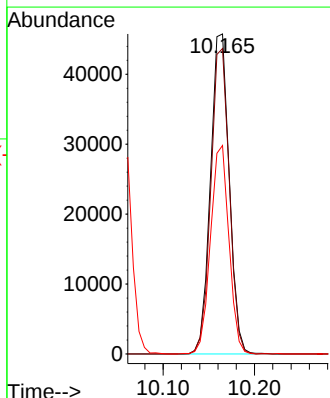
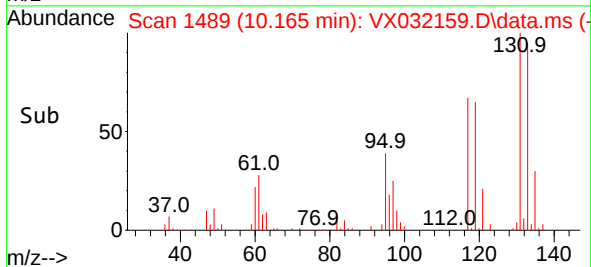
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

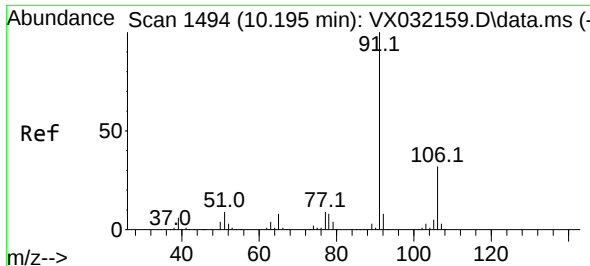


#66
1,1,1,2-Tetrachloroethane
Concen: 51.205 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



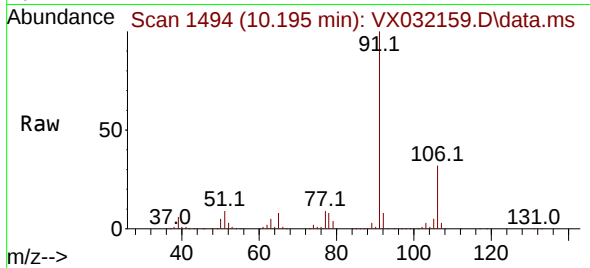
Tgt Ion:131 Resp: 65159
Ion Ratio Lower Upper
131 100
133 94.2 46.6 139.7
119 64.0 31.9 95.9





#67
Ethyl Benzene
Concen: 49.853 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

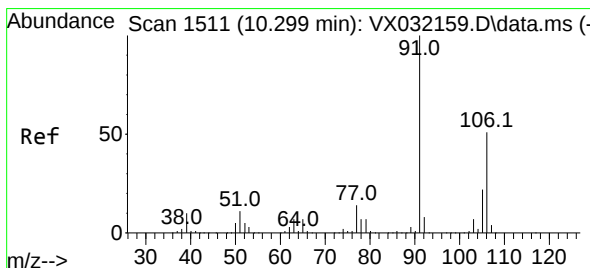
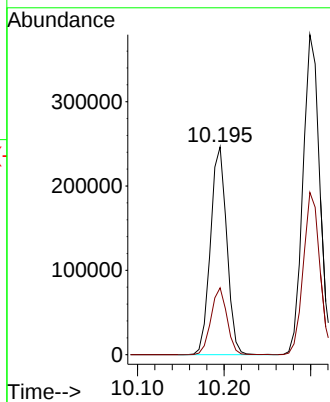
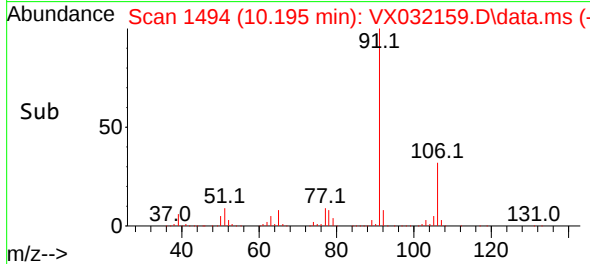
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



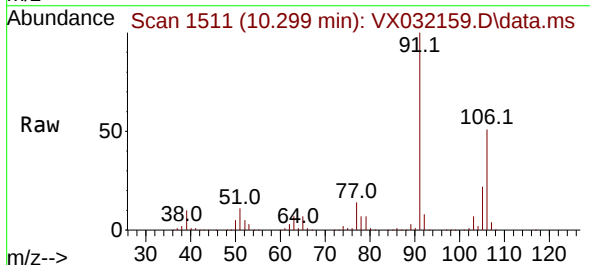
Tgt Ion: 91 Resp: 32175
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8

Manual Integrations
APPROVED

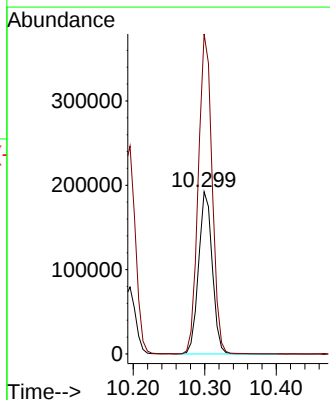
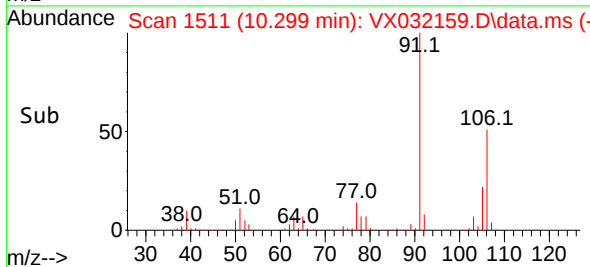
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

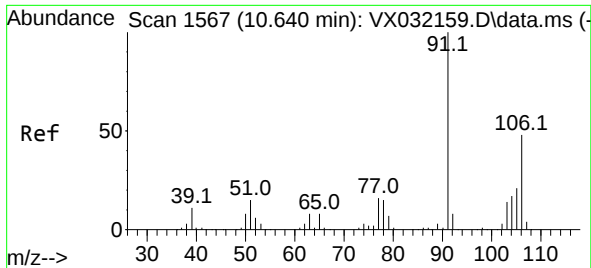


#68
m/p-Xylenes
Concen: 103.157 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



Tgt Ion:106 Resp: 255304
Ion Ratio Lower Upper
106 100
91 199.1 161.0 241.4





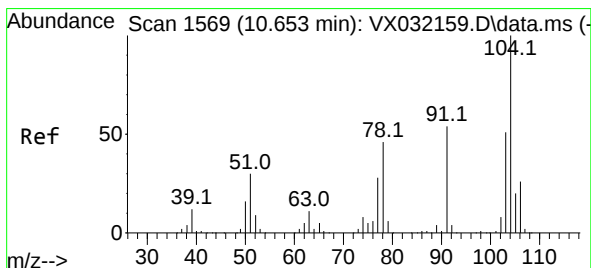
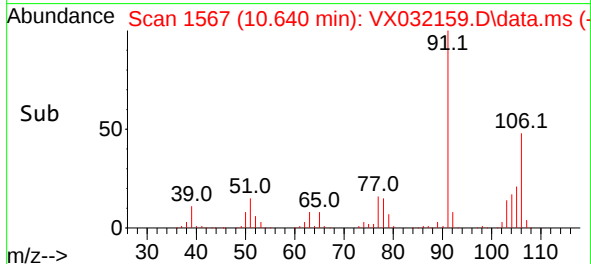
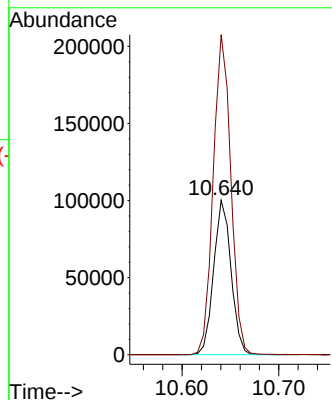
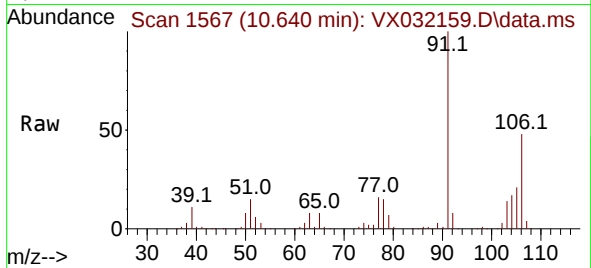
#69
o-Xylene
Concen: 51.222 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 124740
Ion Ratio Lower Upper
106 100
91 210.6 107.2 321.6

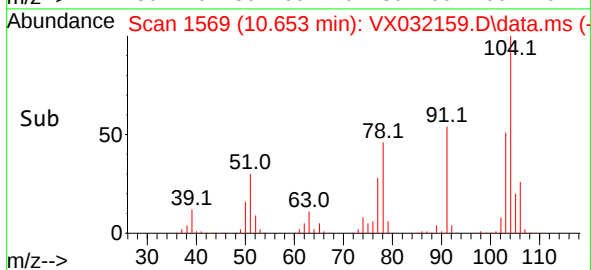
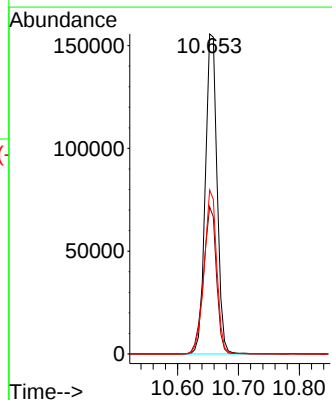
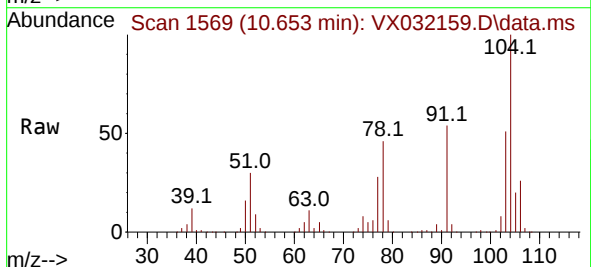
Manual Integrations
APPROVED

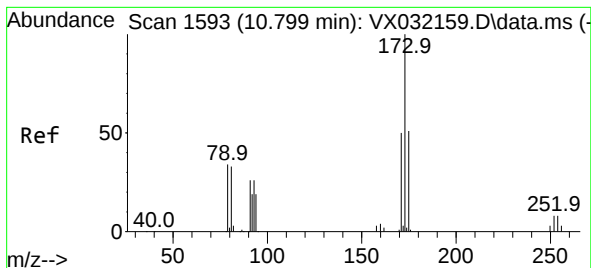
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 53.298 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion:104 Resp: 209747
Ion Ratio Lower Upper
104 100
78 50.6 41.4 62.2
103 54.8 43.8 65.8





#71

Bromoform

Concen: 54.420 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 4871

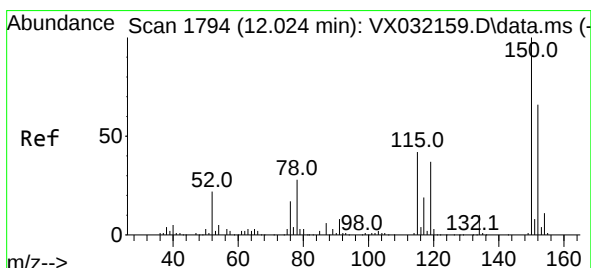
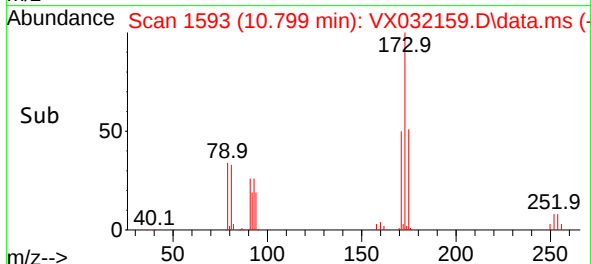
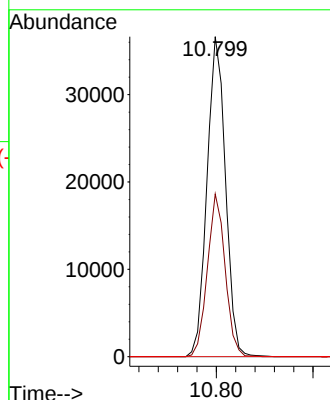
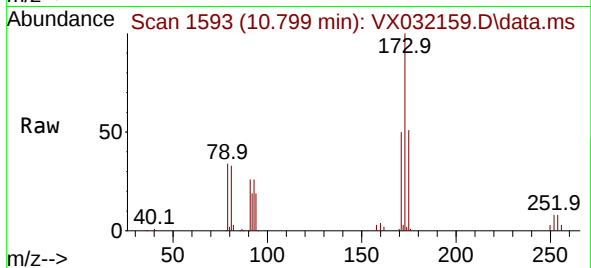
Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

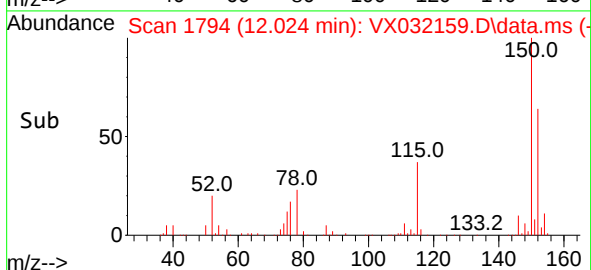
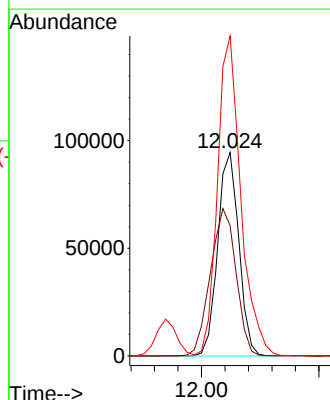
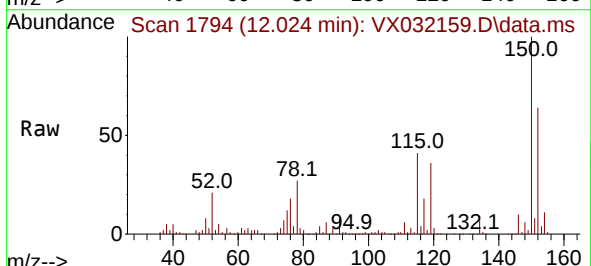
Delta R.T. 0.000 min

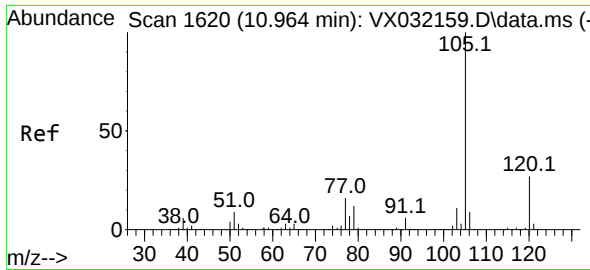
Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Tgt Ion:152 Resp: 117683

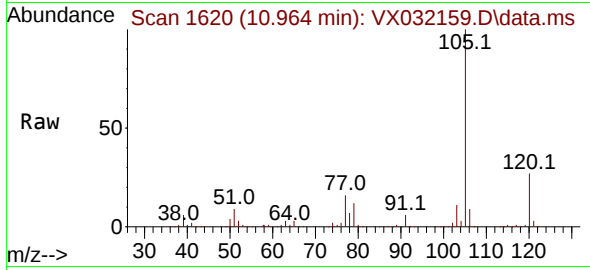
Ion	Ratio	Lower	Upper
152	100		
115	88.3	43.4	130.1
150	173.8	0.0	346.8





#73
Isopropylbenzene
Concen: 38.376 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

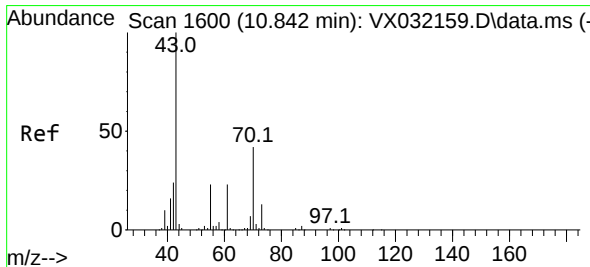
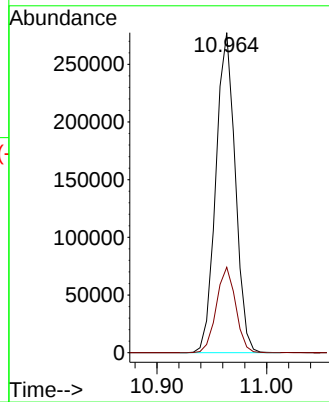
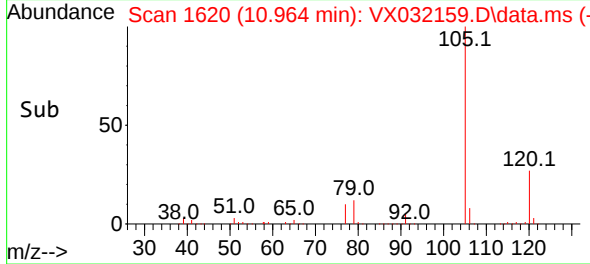
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 341480
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

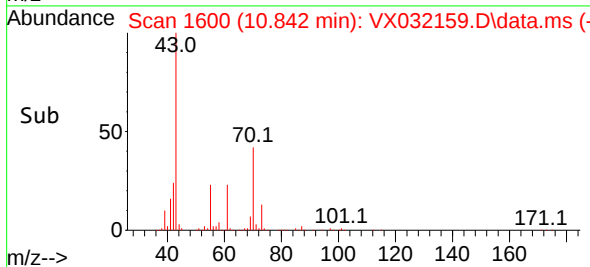
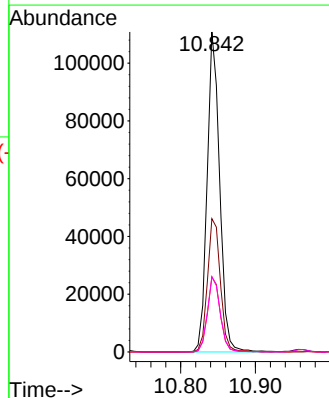
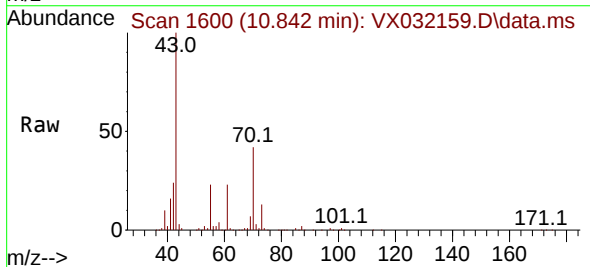
Manual Integrations
APPROVED

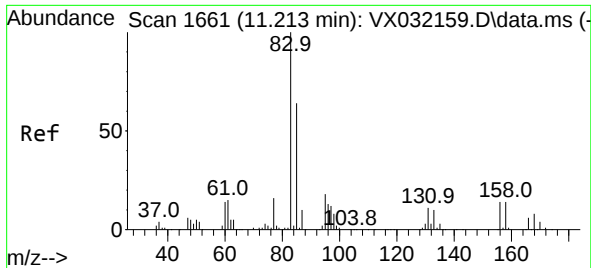
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 41.412 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

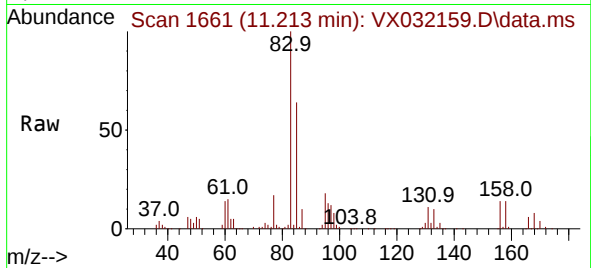
Tgt Ion: 43 Resp: 129007
Ion Ratio Lower Upper
43 100
70 43.1 33.4 50.2
55 24.0 18.2 27.2
61 24.0 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 44.542 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

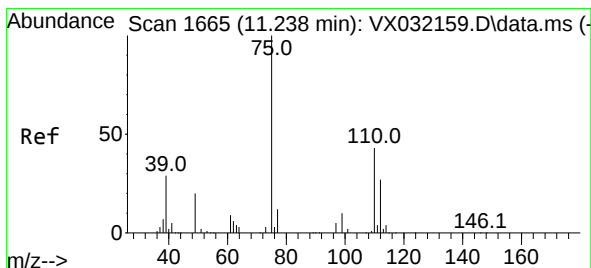
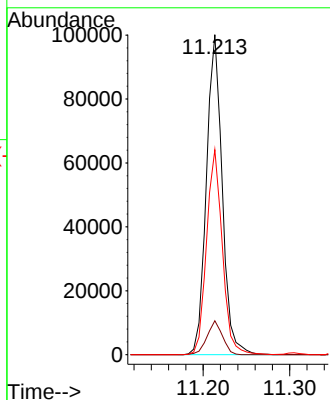
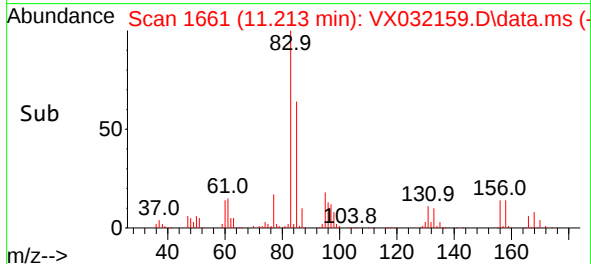
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



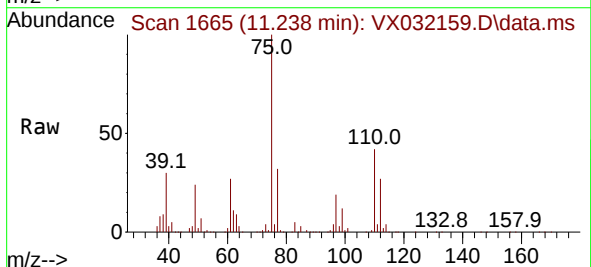
Tgt Ion: 83 Resp: 127063
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 63.9 32.6 97.8

Manual Integrations
APPROVED

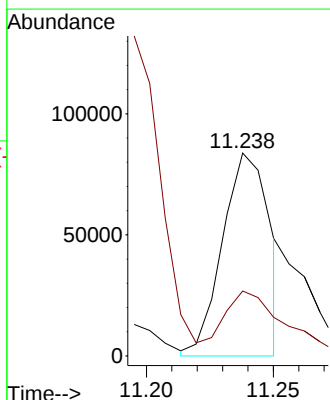
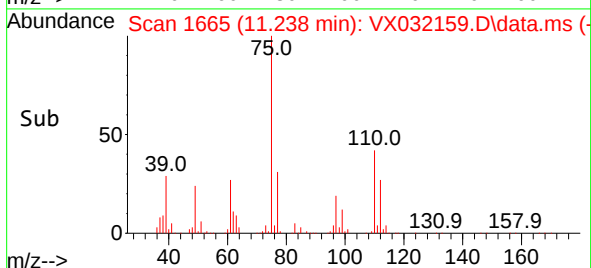
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

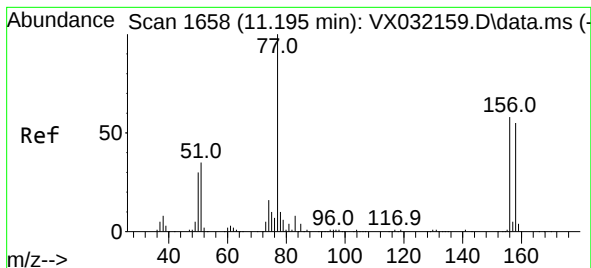


#76
1,2,3-Trichloropropane
Concen: 41.705 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



Tgt Ion: 75 Resp: 108353
Ion Ratio Lower Upper
75 100
77 41.9 20.3 60.9





#77

Bromobenzene

Concen: 46.397 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 100500

Ion Ratio Lower Upper

156 100

77 165.8 79.5 238.6

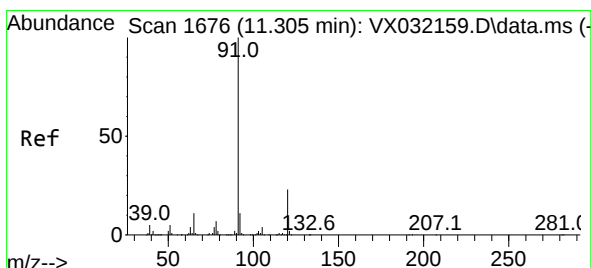
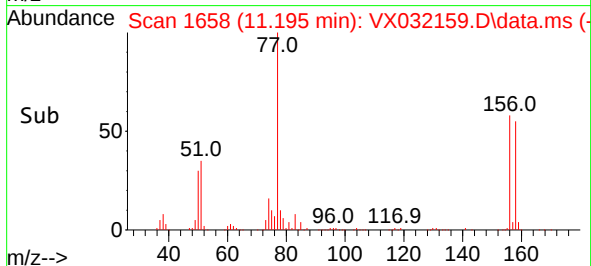
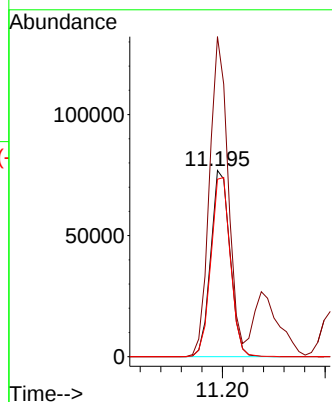
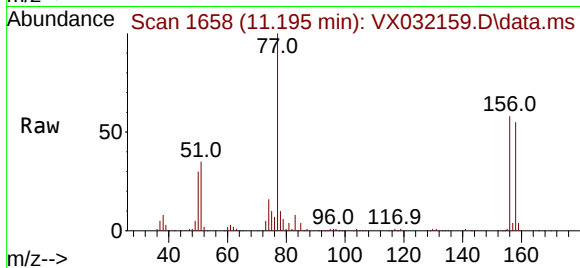
158 97.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#78

n-propylbenzene

Concen: 48.788 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032159.D

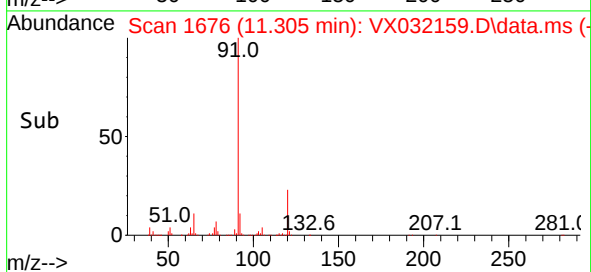
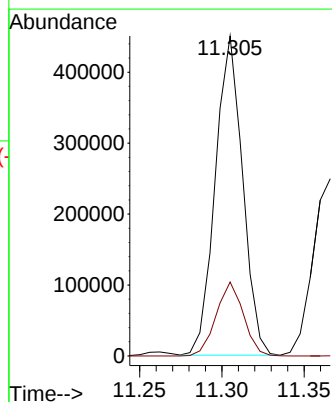
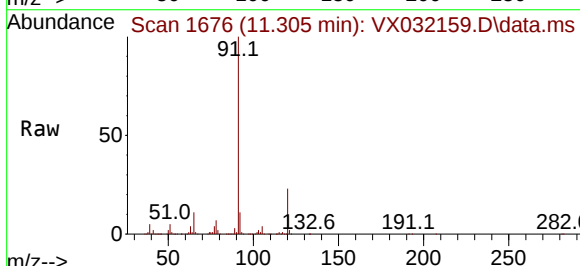
Acq: 17 Oct 2022 16:22

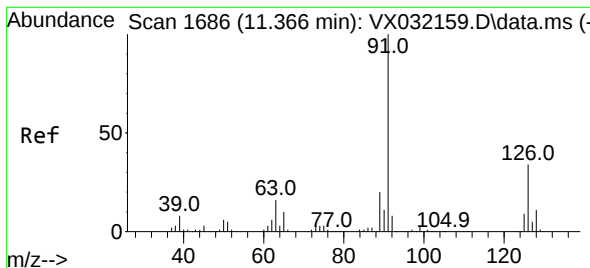
Tgt Ion: 91 Resp: 520216

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.4





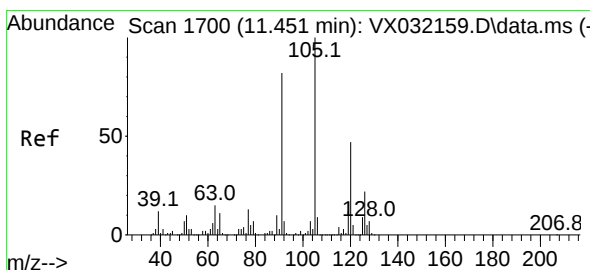
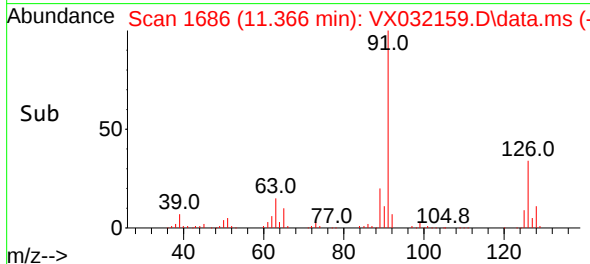
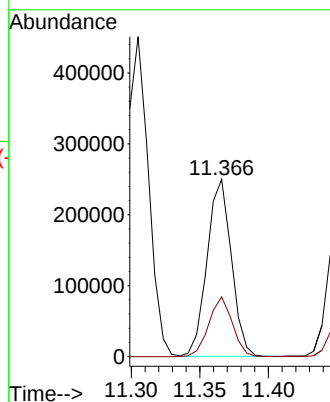
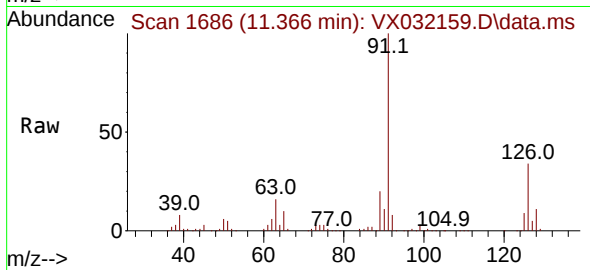
#79
2-Chlorotoluene
Concen: 46.715 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 307690
Ion Ratio Lower Upper
91 100
126 32.8 17.4 52.3

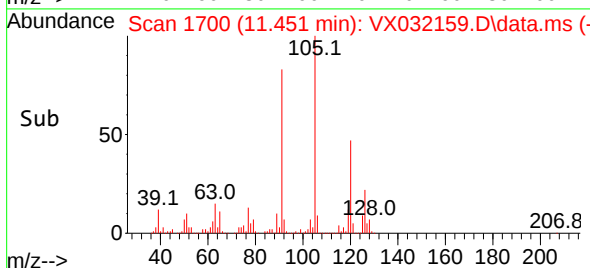
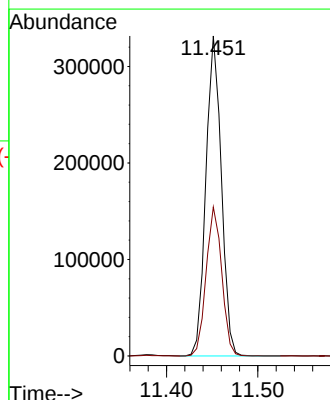
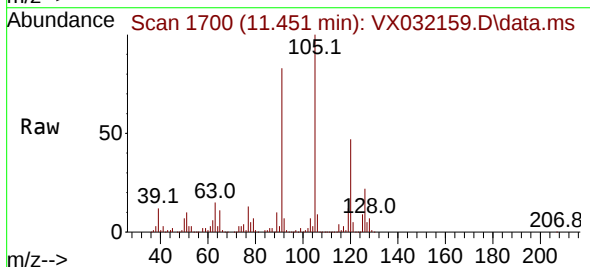
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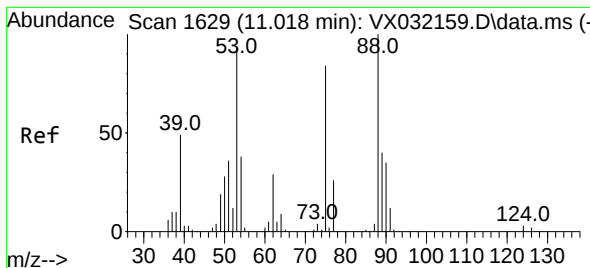
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.350 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion:105 Resp: 387593
Ion Ratio Lower Upper
105 100
120 47.1 24.5 73.5





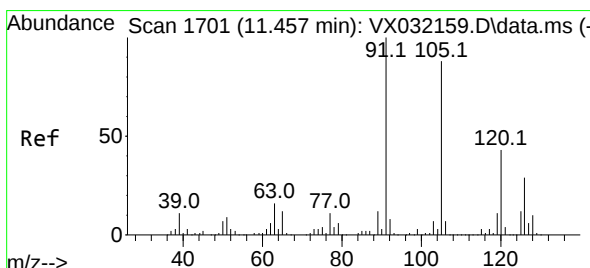
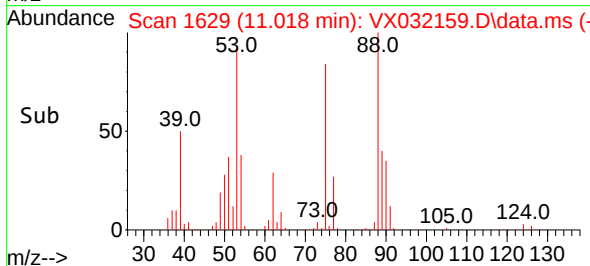
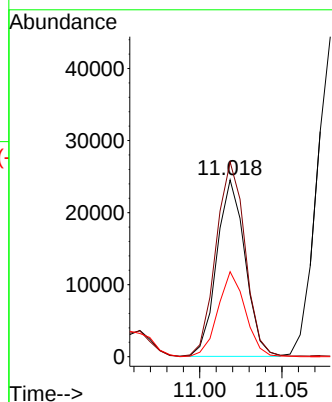
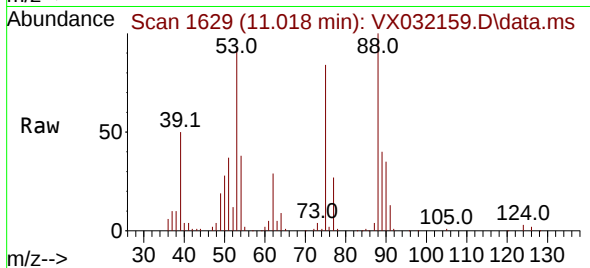
#81
trans-1,4-Dichloro-2-butene
Concen: 44.302 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 2936
Ion Ratio Lower Upper
75 100
53 113.3 77.6 116.4
89 46.6 37.4 56.0

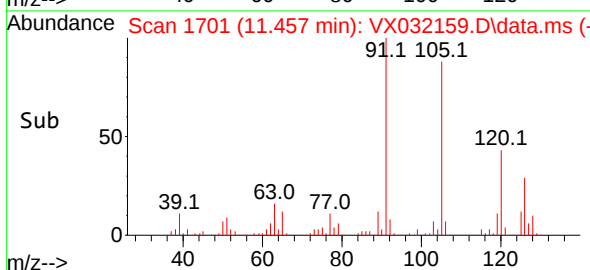
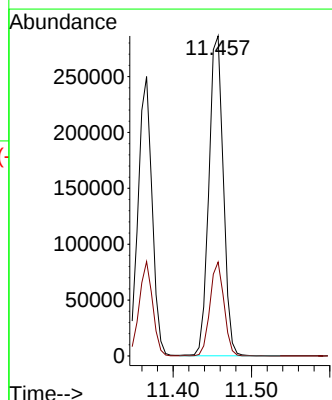
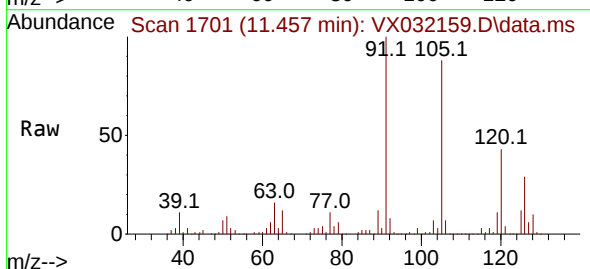
Manual Integrations
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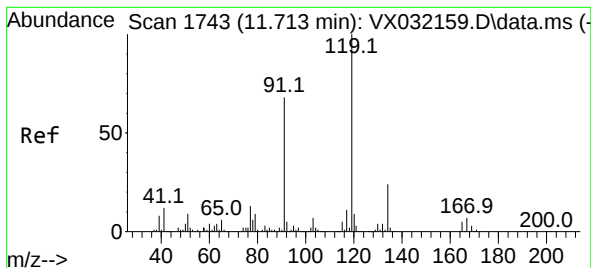
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 47.516 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

Tgt Ion: 91 Resp: 364708
Ion Ratio Lower Upper
91 100
126 28.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 46.601 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 36005

Ion Ratio Lower Upper

119 100

91 64.1 29.2 87.6

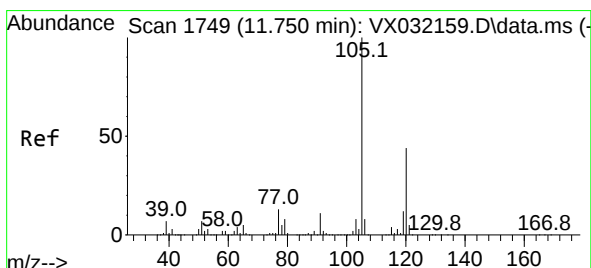
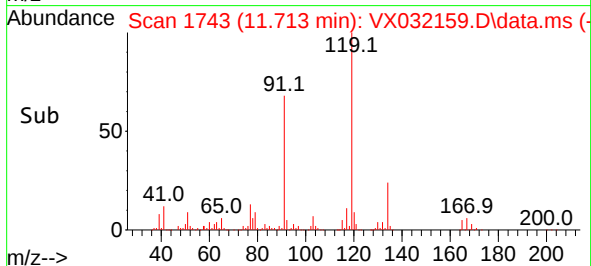
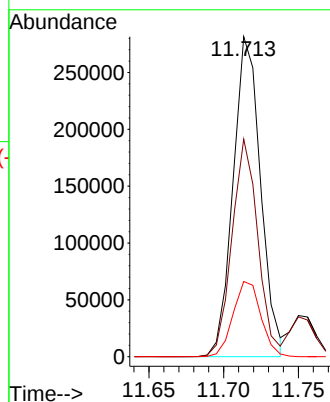
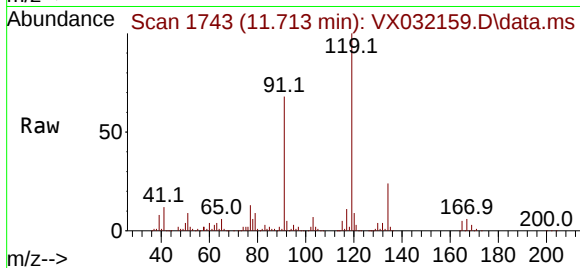
134 23.8 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#84

1,2,4-Trimethylbenzene

Concen: 48.112 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX032159.D

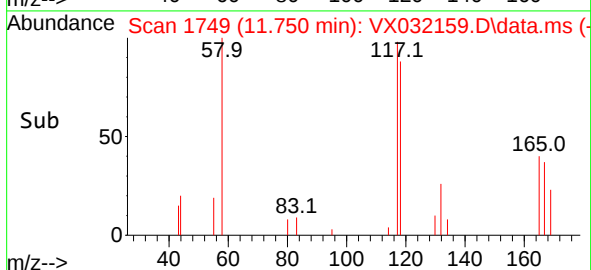
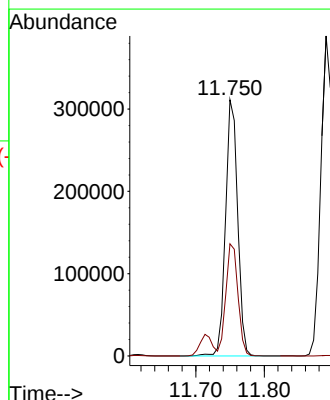
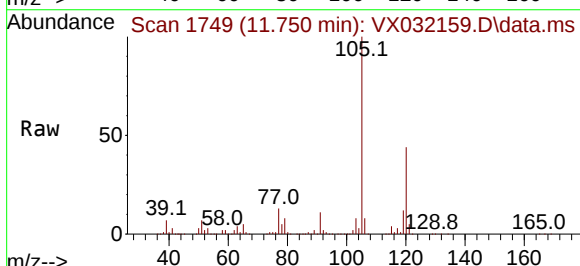
Acq: 17 Oct 2022 16:22

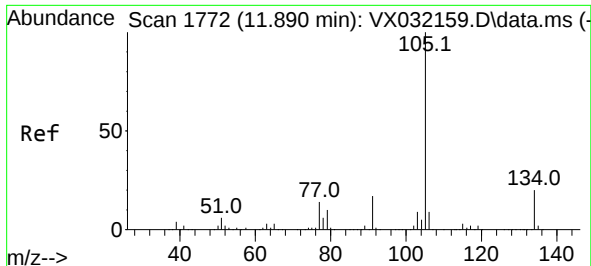
Tgt Ion:105 Resp: 380246

Ion Ratio Lower Upper

105 100

120 43.6 22.6 67.8





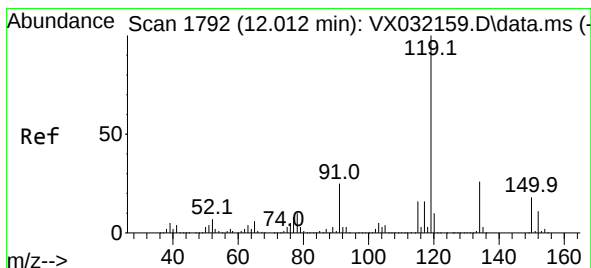
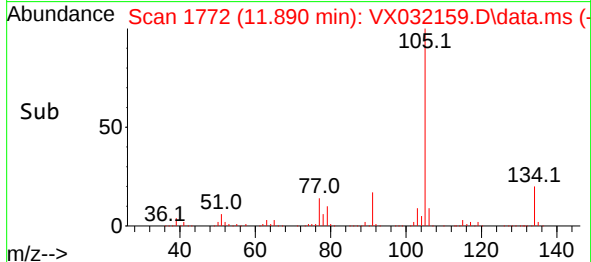
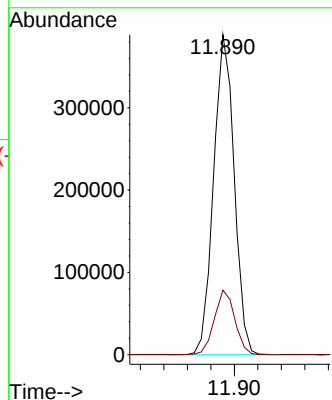
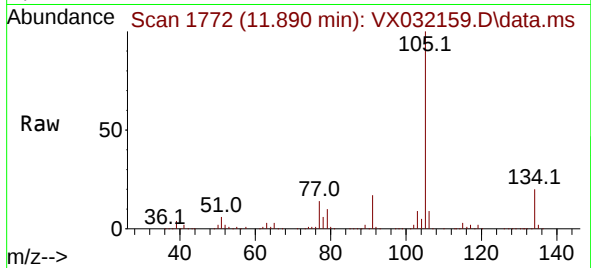
#85
 sec-Butylbenzene
 Concen: 48.909 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032159.D
 Acq: 17 Oct 2022 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 472914
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

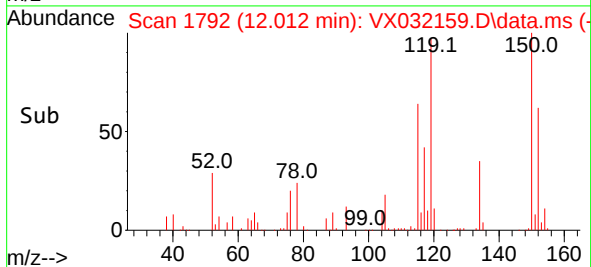
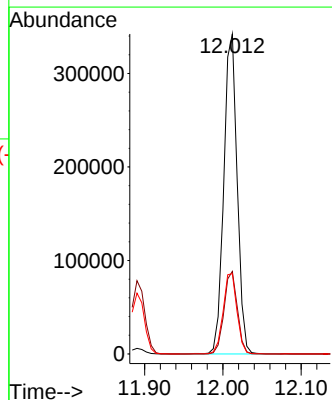
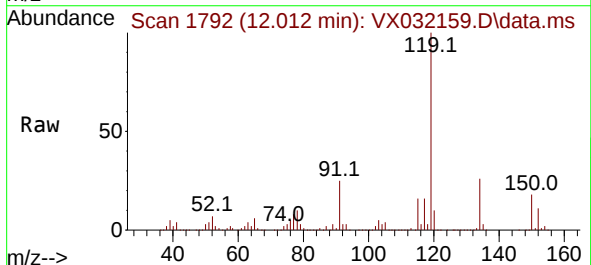
Manual Integrations
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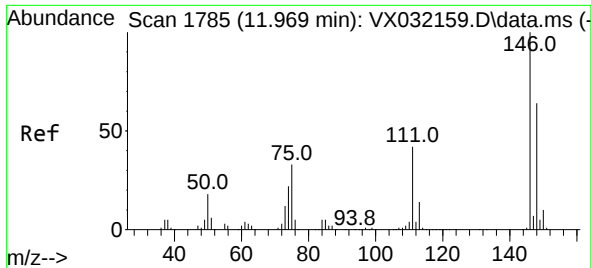
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#86
 p-Isopropyltoluene
 Concen: 50.615 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032159.D
 Acq: 17 Oct 2022 16:22

Tgt Ion:119 Resp: 407420
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.4 40.2
 91 26.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.861 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 20035

Ion Ratio Lower Upper

146 100

111 42.3 19.8 59.4

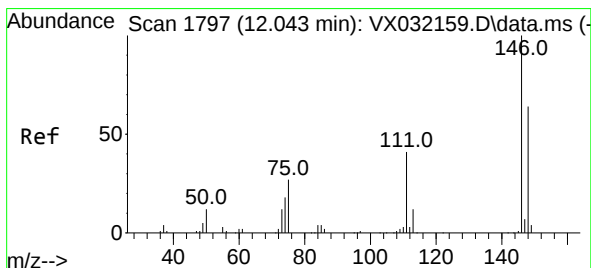
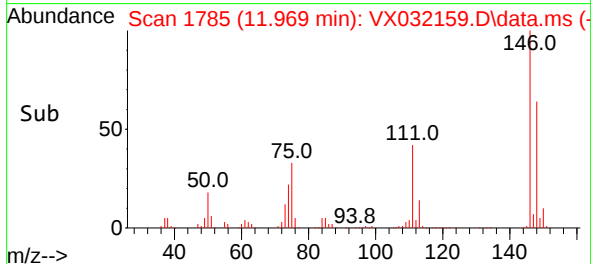
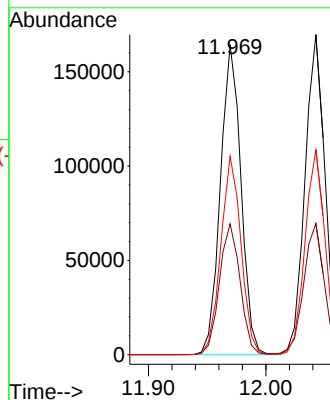
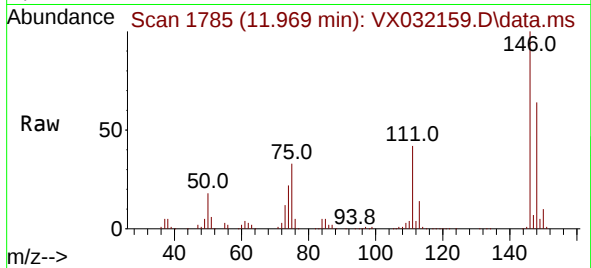
148 62.9 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#88

1,4-Dichlorobenzene

Concen: 47.810 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

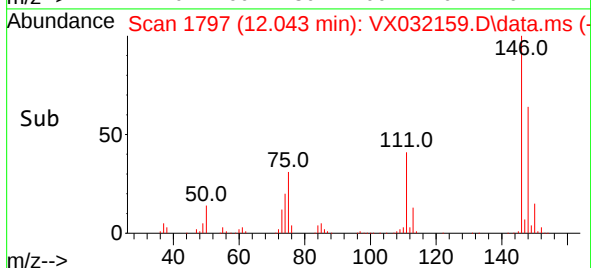
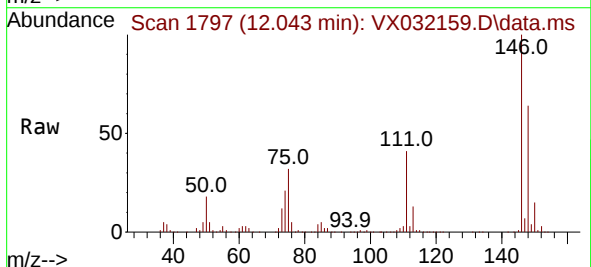
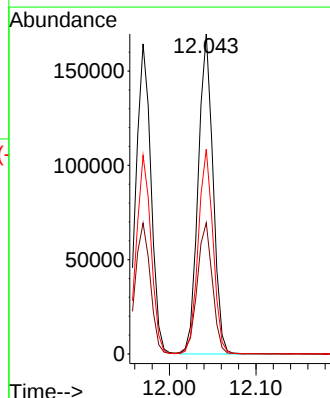
Tgt Ion:146 Resp: 201963

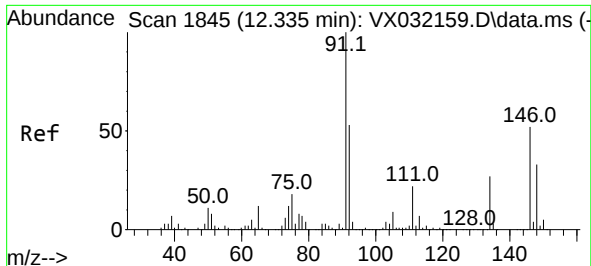
Ion Ratio Lower Upper

146 100

111 42.2 20.5 61.5

148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 55.421 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032159.D

Acq: 17 Oct 2022 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 36779

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

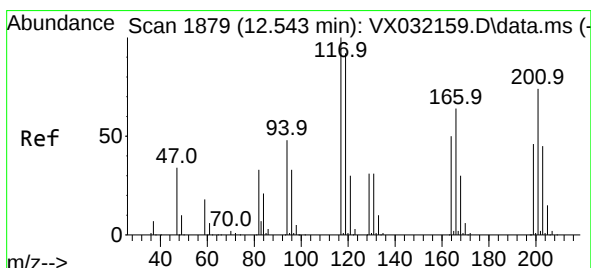
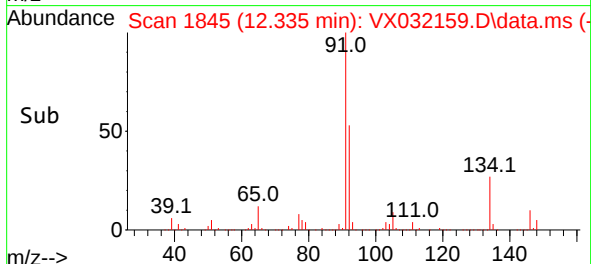
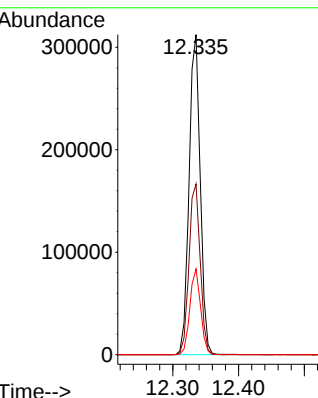
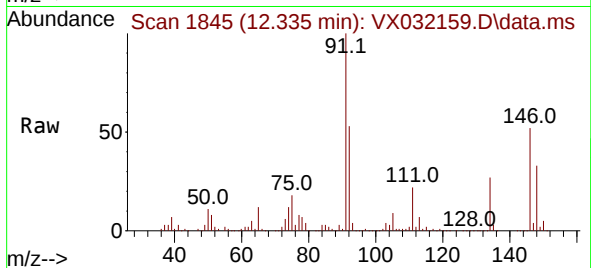
134 25.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#90

Hexachloroethane

Concen: 57.272 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX032159.D

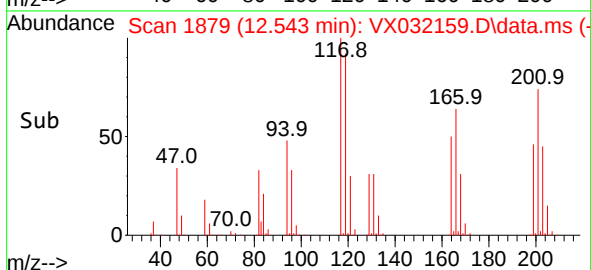
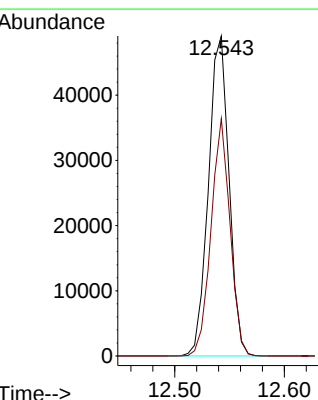
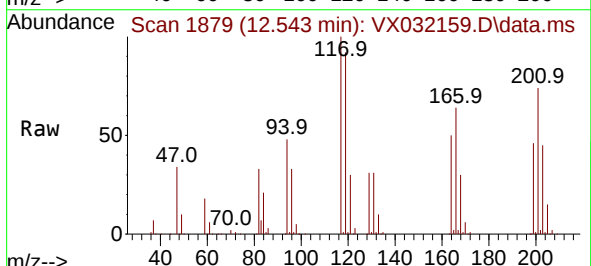
Acq: 17 Oct 2022 16:22

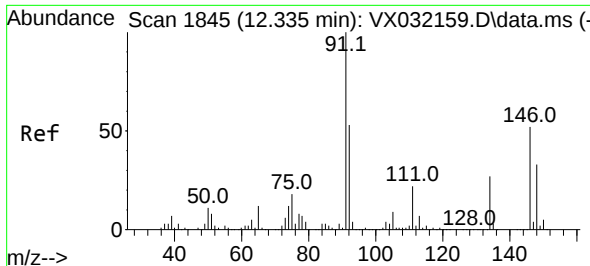
Tgt Ion:117 Resp: 63974

Ion Ratio Lower Upper

117 100

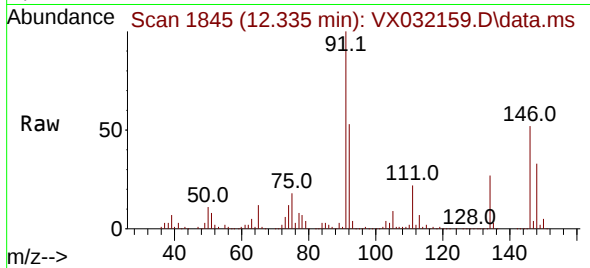
201 68.4 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 49.720 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

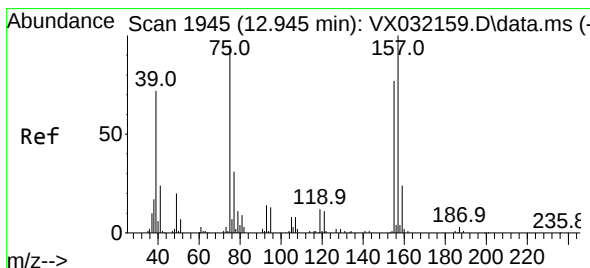
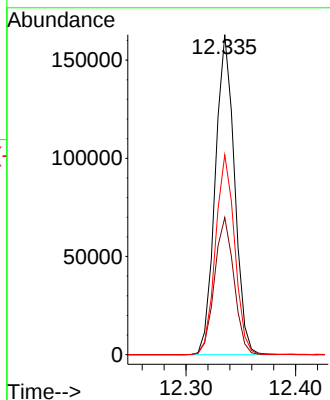
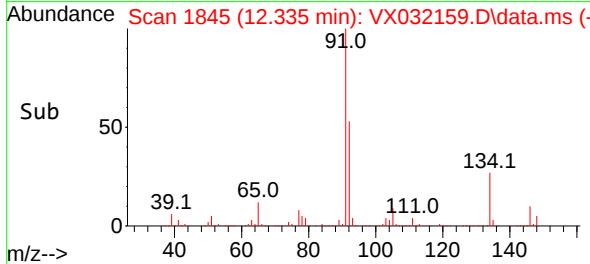
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



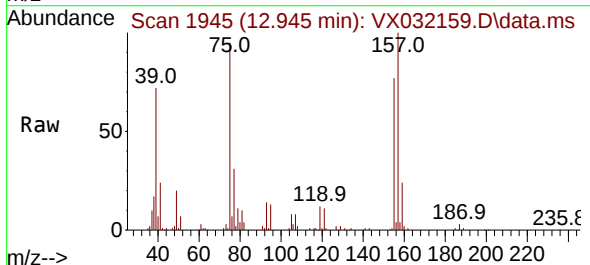
Tgt Ion:146 Resp: 19888
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 62.3 31.6 95.0

Manual Integrations
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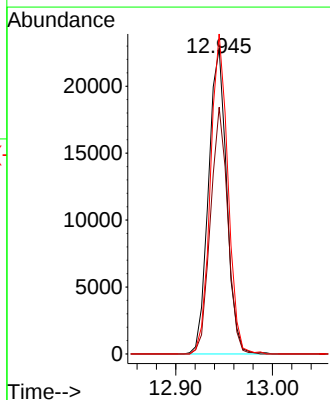
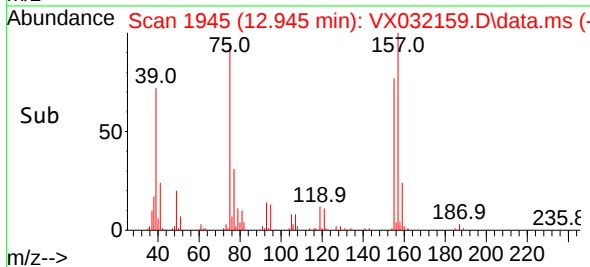
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

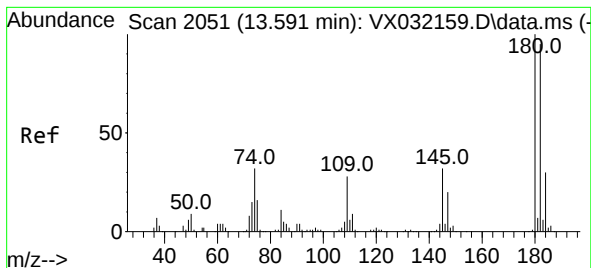


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.484 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



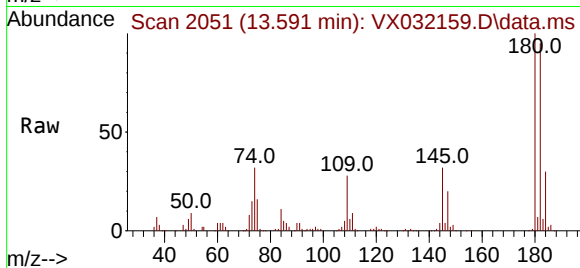
Tgt Ion: 75 Resp: 29727
Ion Ratio Lower Upper
75 100
155 76.6 40.3 120.8
157 100.5 51.5 154.5





#93
 1,2,4-Trichlorobenzene
 Concen: 57.791 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX032159.D
 Acq: 17 Oct 2022 16:22

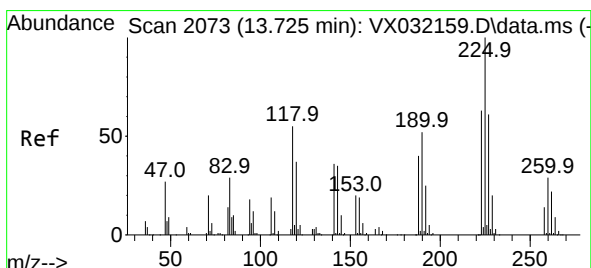
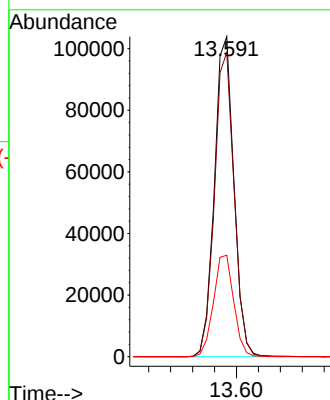
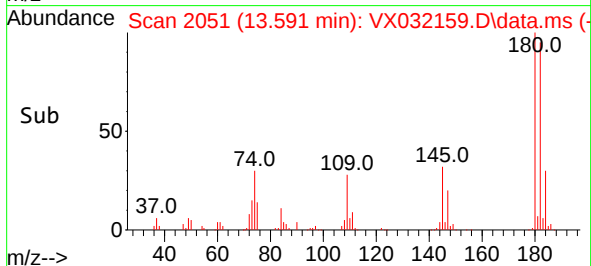
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



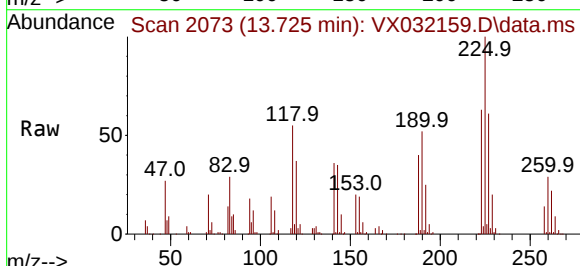
Tgt Ion:180 Resp: 128398
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.9 140.6
 145 32.9 16.7 50.1

Manual Integrations
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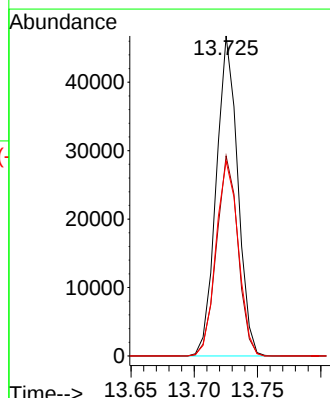
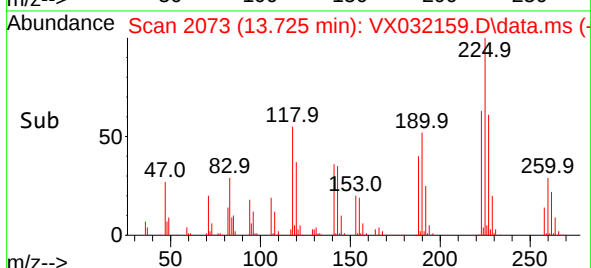
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

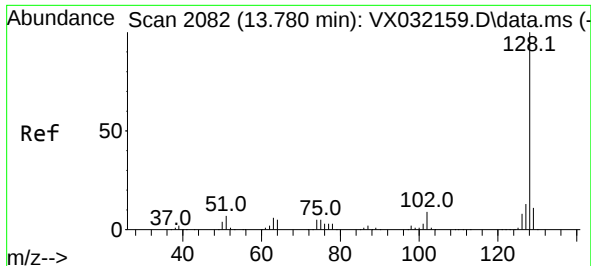


#94
 Hexachlorobutadiene
 Concen: 59.168 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX032159.D
 Acq: 17 Oct 2022 16:22



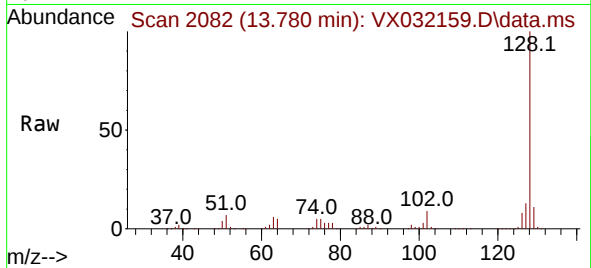
Tgt Ion:225 Resp: 55094
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.8 92.4
 227 63.4 32.3 96.9





#95
Naphthalene
Concen: 55.870 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22

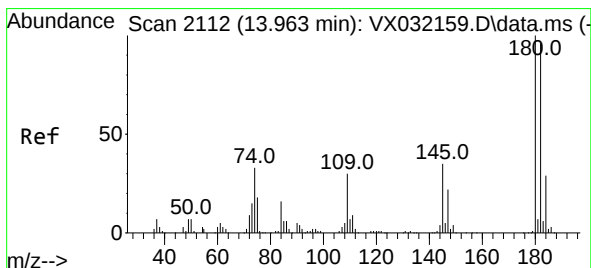
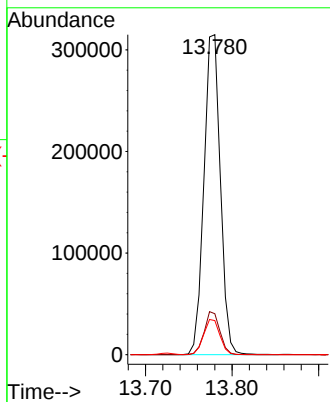
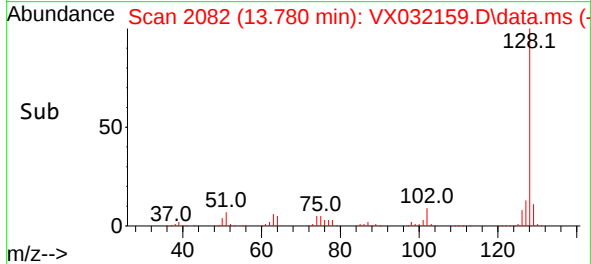
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



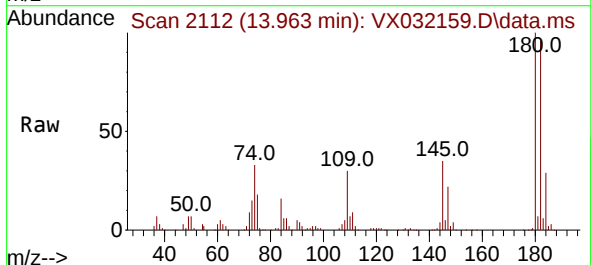
Tgt Ion:128 Resp: 414811
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.897 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032159.D
Acq: 17 Oct 2022 16:22



Tgt Ion:180 Resp: 126551
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.8
145 35.1 17.6 52.8

