

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032252.D
 Acq On : 20 Oct 2022 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 01:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97660	57.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.000%			
35) Dibromofluoromethane	5.379	113	76320	53.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	8.647	98	272885	53.069	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.079	95	110059	58.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66882	55.512	ug/l	98
3) Chloromethane	1.294	50	59966	51.454	ug/l	97
4) Vinyl Chloride	1.374	62	66727	51.423	ug/l	97
5) Bromomethane	1.611	94	59373	43.701	ug/l	96
6) Chloroethane	1.685	64	53181	46.327	ug/l	97
7) Trichlorofluoromethane	1.886	101	131193	56.873	ug/l	99
8) Diethyl Ether	2.130	74	44427	56.674	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	70043	56.007	ug/l	98
10) Methyl Iodide	2.453	142	85924	47.544	ug/l	97
11) Tert butyl alcohol	2.983	59	57524	237.242	ug/l	98
12) 1,1-Dichloroethene	2.319	96	63120	53.698	ug/l	91
13) Acrolein	2.233	56	54172	259.753	ug/l	98
14) Allyl chloride	2.666	41	106430	57.649	ug/l	98
15) Acrylonitrile	3.062	53	163817	254.957	ug/l	99
16) Acetone	2.386	43	148160	266.492	ug/l	95
17) Carbon Disulfide	2.514	76	141801	51.529	ug/l	99
18) Methyl Acetate	2.703	43	100505	53.248	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	234014	57.774	ug/l	97
20) Methylene Chloride	2.788	84	71006	49.740	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68137	53.221	ug/l	94
22) Diisopropyl ether	3.757	45	231858	57.351	ug/l	92
23) Vinyl Acetate	3.721	43	925641	286.468	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129479	55.431	ug/l	98
25) 2-Butanone	4.556	43	223516	257.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	110344	65.566	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	82920	55.317	ug/l	94
28) Bromochloromethane	4.897	49	49972	51.854	ug/l	98
29) Tetrahydrofuran	5.001	42	141719	252.788	ug/l	100
30) Chloroform	5.093	83	144274	56.747	ug/l	99
31) Cyclohexane	5.471	56	108817	55.561	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	129779	59.859	ug/l	100
36) 1,1-Dichloropropene	5.690	75	100946	54.936	ug/l	99
37) Ethyl Acetate	4.708	43	92444	51.383	ug/l	100
38) Carbon Tetrachloride	5.678	117	113266	58.391	ug/l	100
39) Methylcyclohexane	7.379	83	123020	56.043	ug/l	98
40) Benzene	6.037	78	285632	53.633	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53593	56.491	ug/l	99
42) 1,2-Dichloroethane	6.086	62	121789	59.702	ug/l	98
43) Isopropyl Acetate	6.336	43	159297	56.413	ug/l	99
44) Trichloroethene	7.123	130	80063	54.592	ug/l	98
45) 1,2-Dichloropropane	7.427	63	75285	56.037	ug/l	100
46) Dibromomethane	7.580	93	57032	56.916	ug/l	97
47) Bromodichloromethane	7.818	83	110765	59.839	ug/l	99
48) Methyl methacrylate	7.690	41	81605	57.947	ug/l	99
49) 1,4-Dioxane	7.690	88	27116	959.431	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	476533	269.216	ug/l	100
52) Toluene	8.720	92	190124	55.109	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	117519	56.110	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	124733	60.475	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	79259	56.554	ug/l	98
56) Ethyl methacrylate	9.116	69	119252	59.081	ug/l	99
57) 1,3-Dichloropropane	9.305	76	128723	56.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	253370	273.863	ug/l	99
59) 2-Hexanone	9.427	43	351979	266.496	ug/l	100
60) Dibromochloromethane	9.519	129	85806	59.738	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84741	57.038	ug/l	99
64) Tetrachloroethene	9.275	164	66304	53.112	ug/l	98
65) Chlorobenzene	10.079	112	208635	53.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	80045	57.714	ug/l	100
67) Ethyl Benzene	10.195	91	386340	56.298	ug/l	99
68) m/p-Xylenes	10.299	106	299518	110.520	ug/l	97
69) o-Xylene	10.640	106	146492	56.425	ug/l	98
70) Styrene	10.653	104	246774	56.365	ug/l	99
71) Bromoform	10.799	173	60851	51.642	ug/l #	99
73) Isopropylbenzene	10.963	105	396572	53.738	ug/l	100
74) N-amyl acetate	10.842	43	151099	55.422	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	121019	51.009	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96215m	46.951	ug/l	
77) Bromobenzene	11.201	156	94016	51.975	ug/l	95
78) n-propylbenzene	11.305	91	465190	55.051	ug/l	100
79) 2-Chlorotoluene	11.366	91	275442	54.085	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	346315	54.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34825	53.209	ug/l	98
82) 4-Chlorotoluene	11.457	91	329385	55.552	ug/l	99
83) tert-Butylbenzene	11.713	119	346836	54.383	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	347815	56.124	ug/l	99
85) sec-Butylbenzene	11.890	105	426370	55.319	ug/l	99
86) p-Isopropyltoluene	12.012	119	367718	56.070	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	184792	53.077	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	190477	53.260	ug/l	99
89) n-Butylbenzene	12.335	91	328118	56.804	ug/l	99
90) Hexachloroethane	12.542	117	56977	55.989	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	184859	54.086	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25315	53.007	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	118763	53.376	ug/l	98
94) Hexachlorobutadiene	13.725	225	50613	52.411	ug/l	99
95) Naphthalene	13.774	128	378603	53.127	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117855	52.662	ug/l	99

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

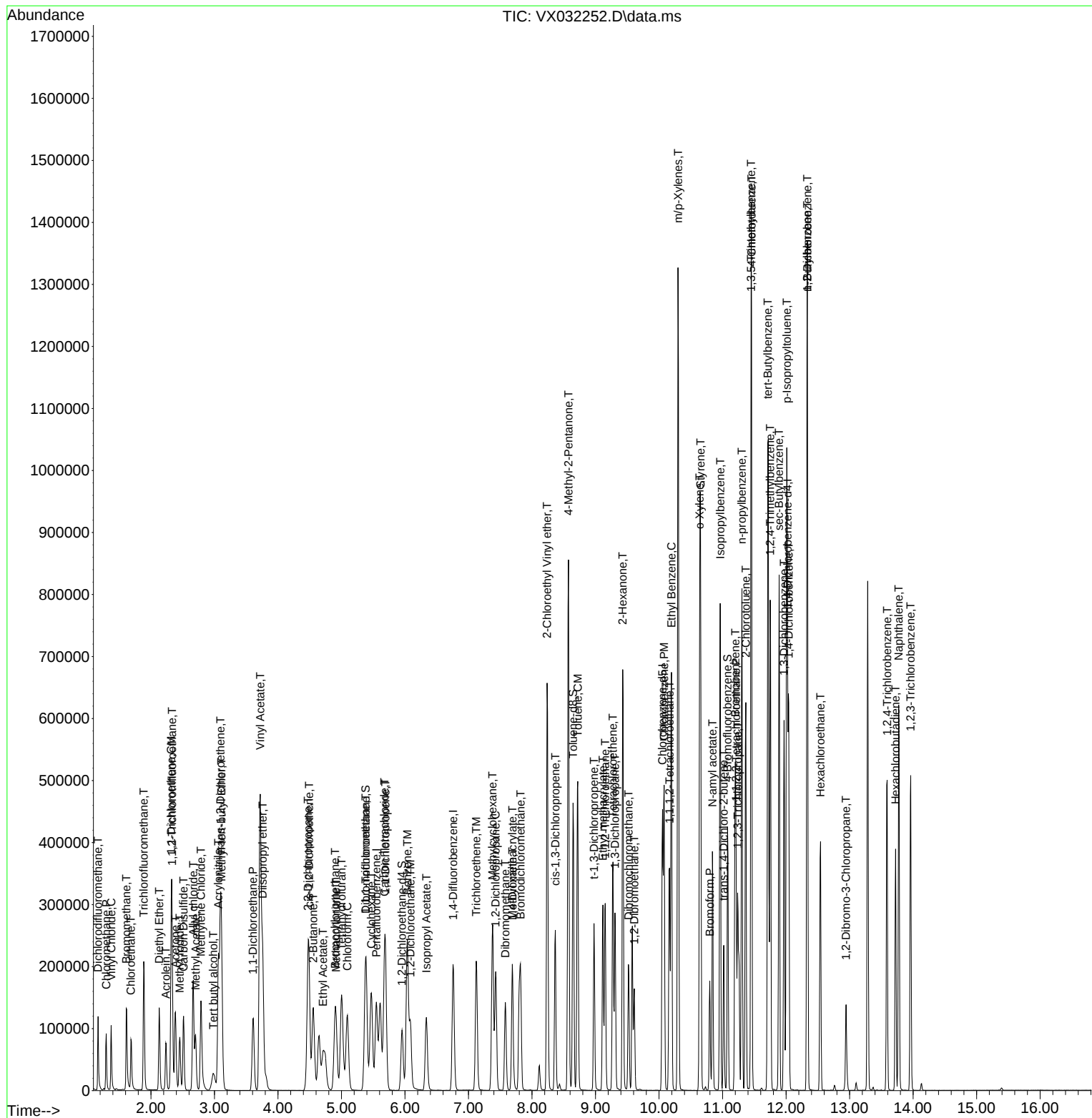
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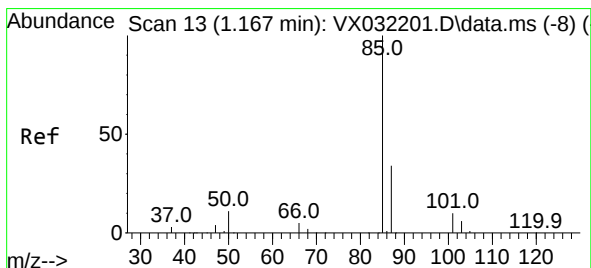
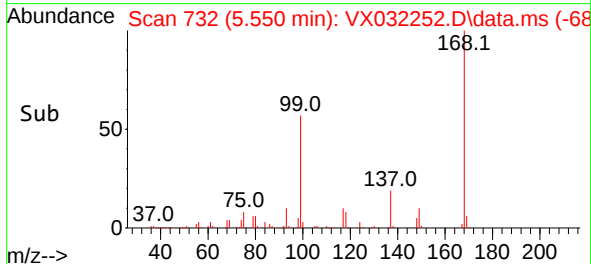
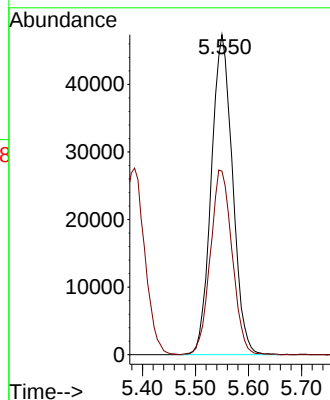
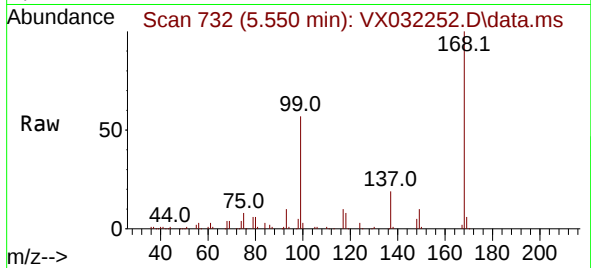
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 13169
Ion Ratio Lower Upper
168 100
99 57.3 44.8 67.2

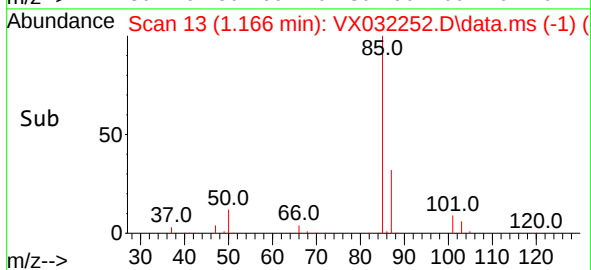
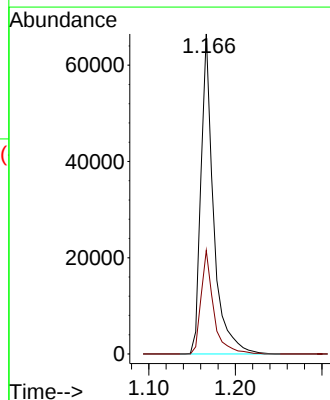
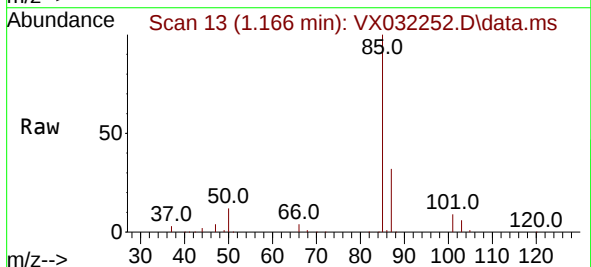
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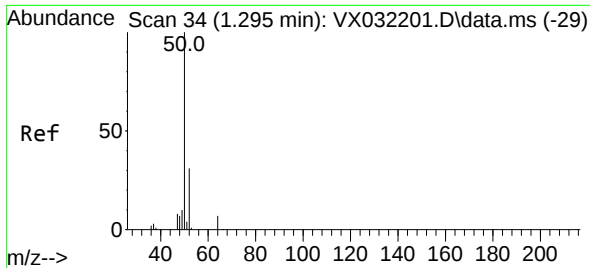
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 55.512 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

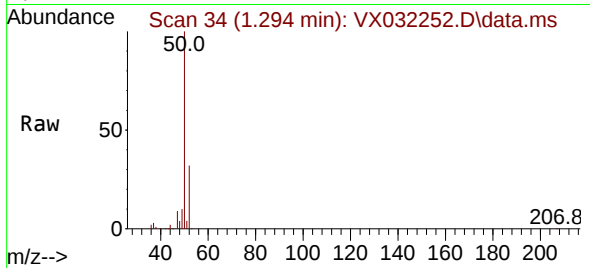
Tgt Ion: 85 Resp: 66882
Ion Ratio Lower Upper
85 100
87 32.4 16.8 50.4





#3
Chloromethane
Concen: 51.454 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

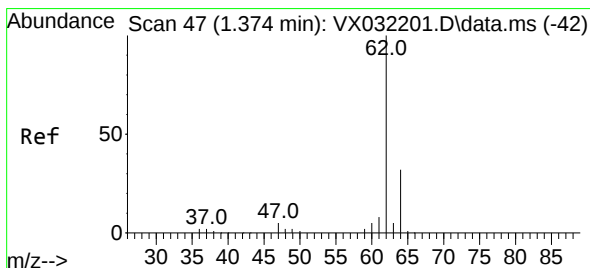
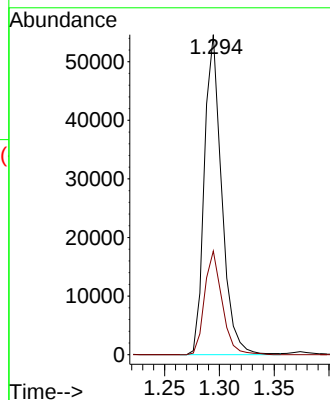
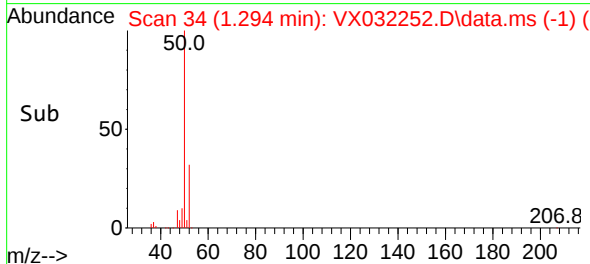
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 5996
Ion Ratio Lower Upper
50 100
52 32.4 24.7 37.1

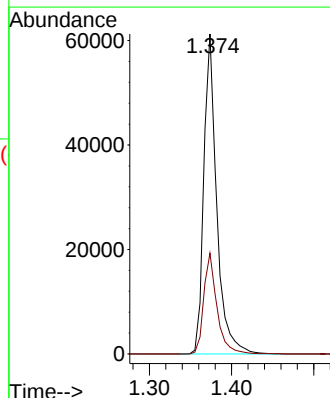
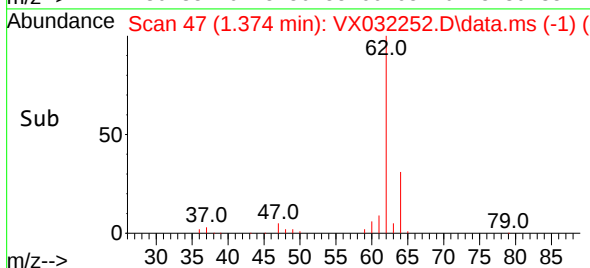
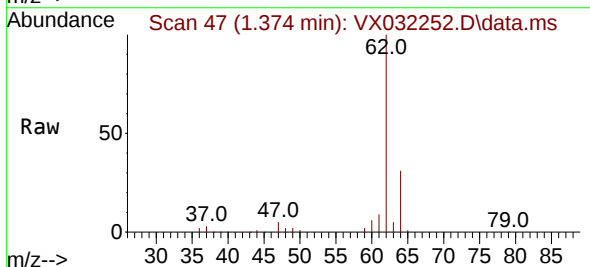
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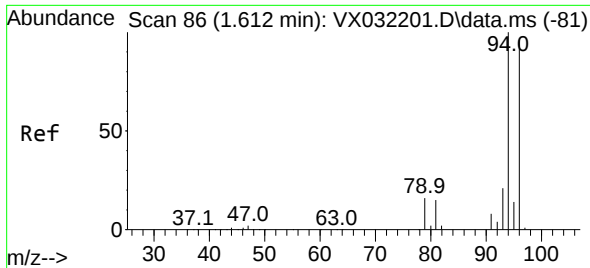
Reviewed By :John Carlone 10/21/2022
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#4
Vinyl Chloride
Concen: 51.423 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 62 Resp: 66727
Ion Ratio Lower Upper
62 100
64 31.5 26.6 39.8





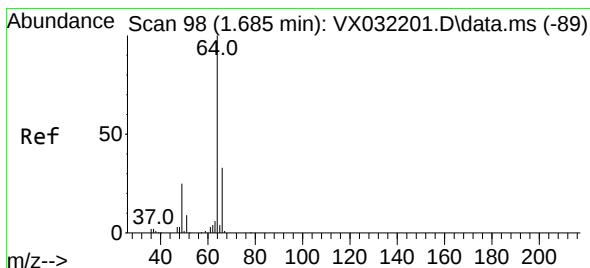
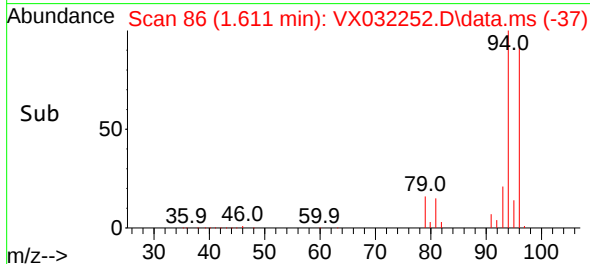
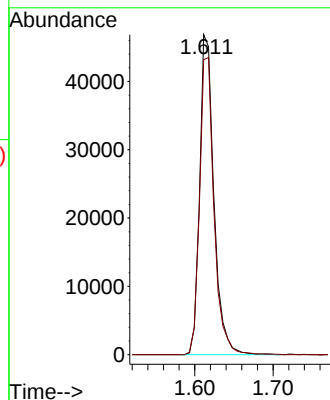
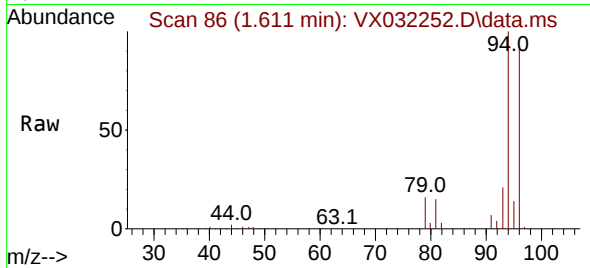
#5
Bromomethane
Concen: 43.701 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
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Tgt Ion: 94 Resp: 5937
Ion Ratio Lower Upper
94 100
96 92.2 76.7 115.1

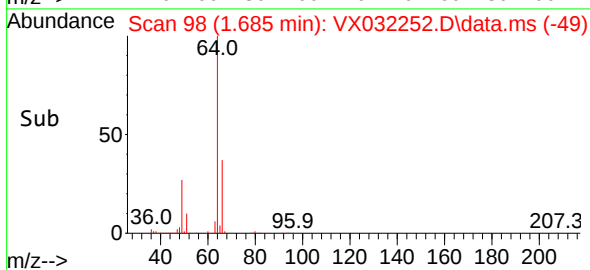
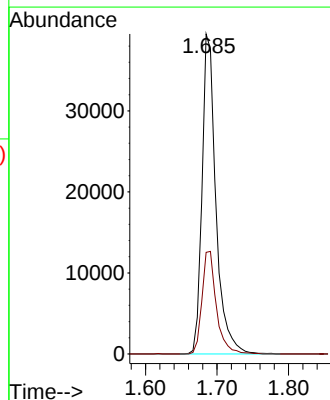
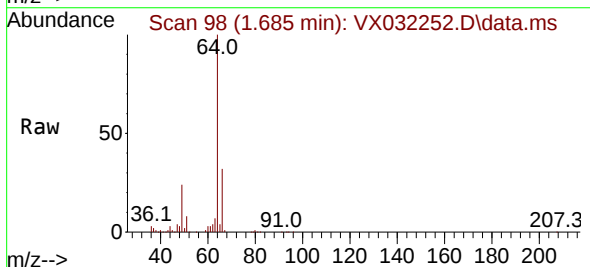
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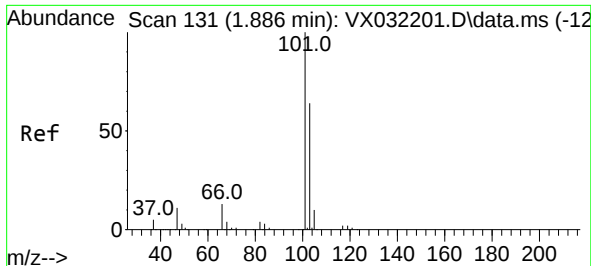
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#6
Chloroethane
Concen: 46.327 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 64 Resp: 53181
Ion Ratio Lower Upper
64 100
66 31.7 26.6 39.8





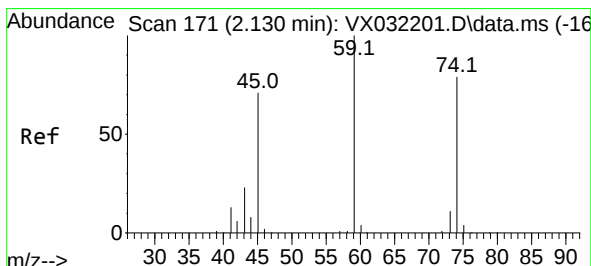
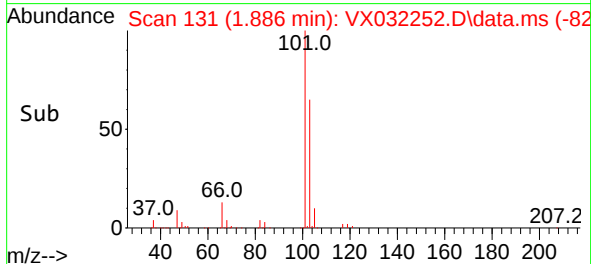
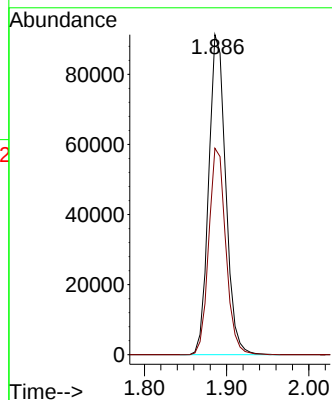
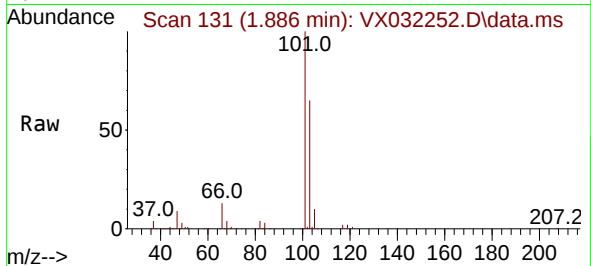
#7
 Trichlorofluoromethane
 Concen: 56.873 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX032252.D
 Acq: 20 Oct 2022 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 13119
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9

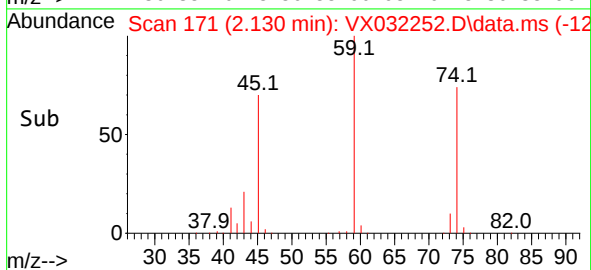
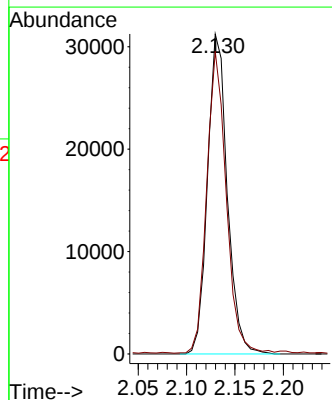
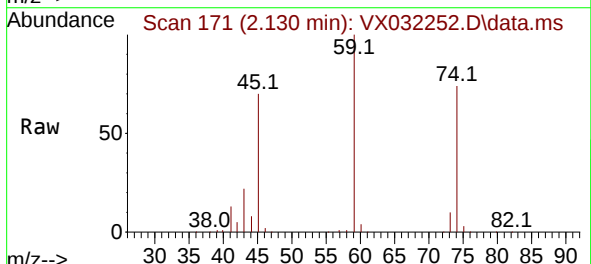
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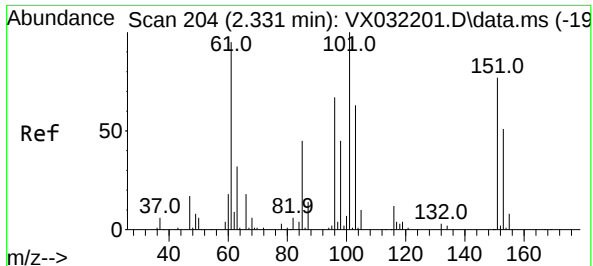
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#8
 Diethyl Ether
 Concen: 56.674 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX032252.D
 Acq: 20 Oct 2022 10:44

Tgt Ion: 74 Resp: 44427
 Ion Ratio Lower Upper
 74 100
 45 93.2 45.9 137.6





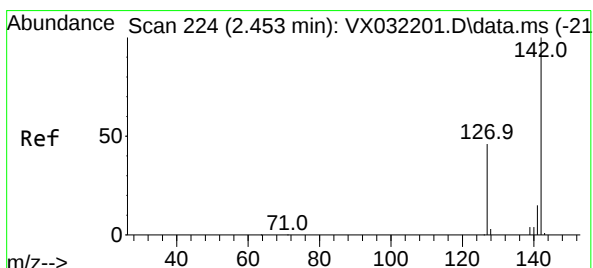
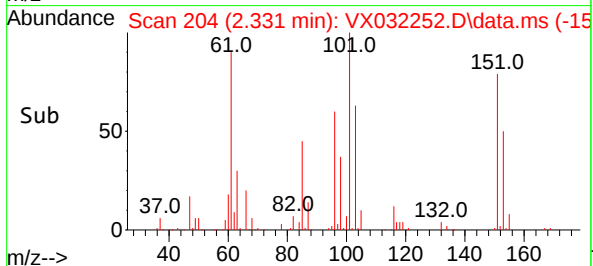
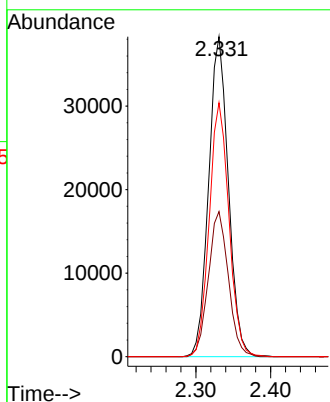
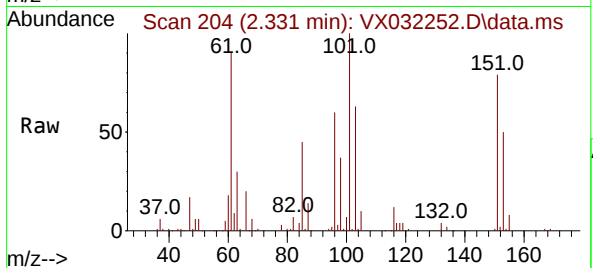
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.007 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7004
Ion Ratio Lower Upper
101 100
85 46.2 36.5 54.7
151 79.5 65.5 98.3

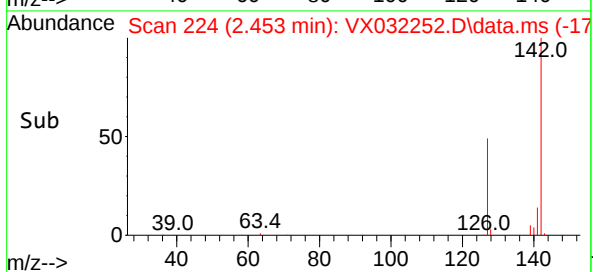
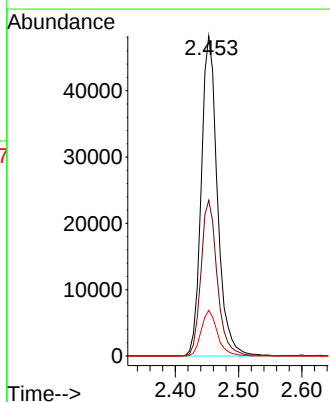
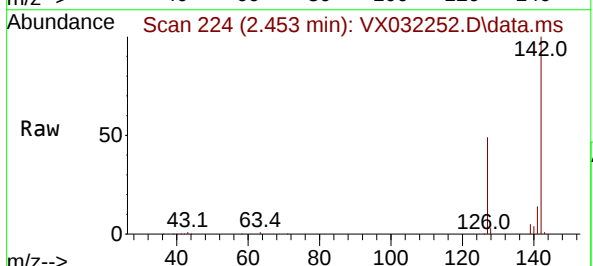
Manual Integrations
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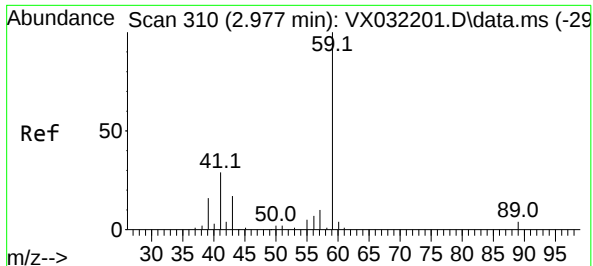
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 47.544 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion:142 Resp: 85924
Ion Ratio Lower Upper
142 100
127 49.0 36.9 55.3
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 237.242 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 57524

Ion Ratio Lower Upper

59 100

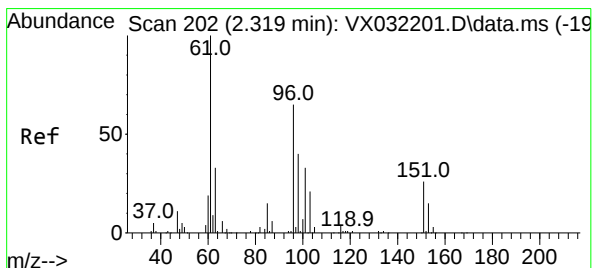
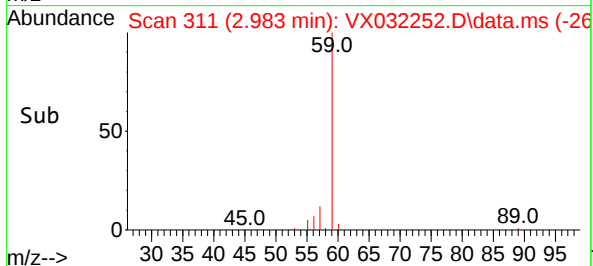
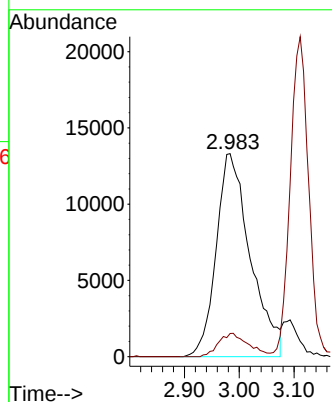
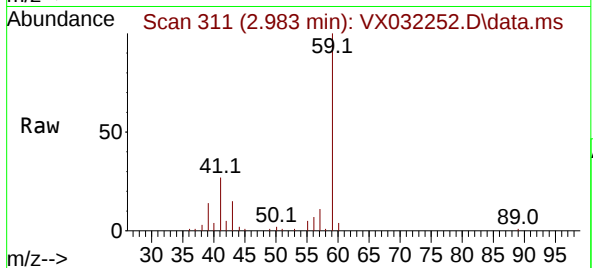
57 10.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#12

1,1-Dichloroethene

Concen: 53.698 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

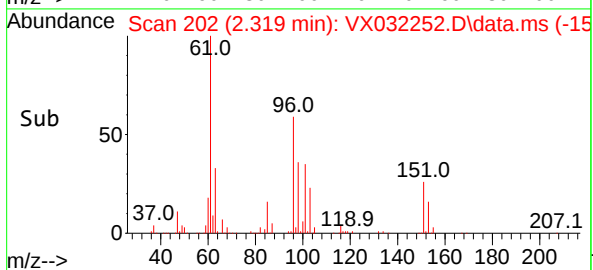
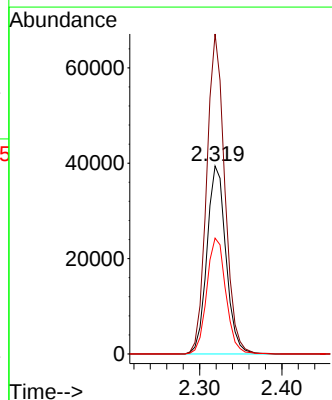
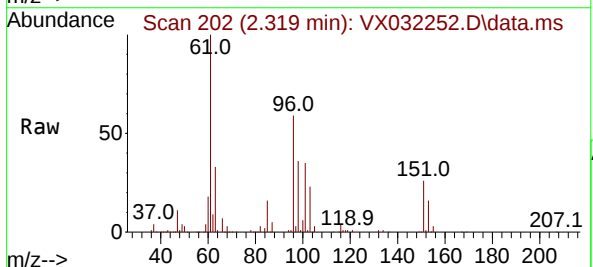
Tgt Ion: 96 Resp: 63120

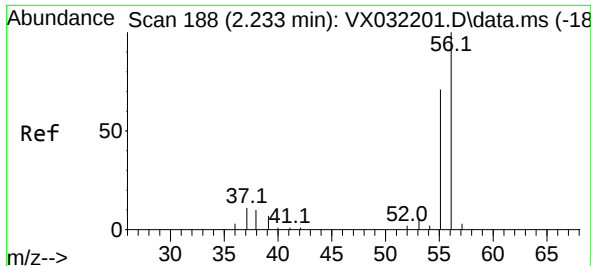
Ion Ratio Lower Upper

96 100

61 170.2 124.0 186.0

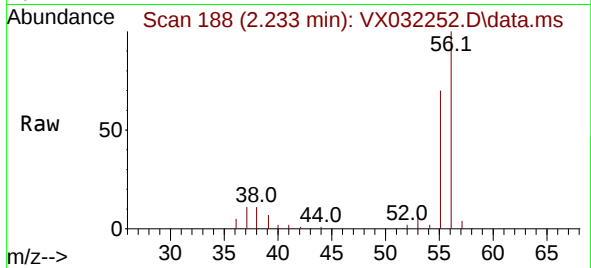
98 61.6 50.0 75.0





#13
Acrolein
Concen: 259.753 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

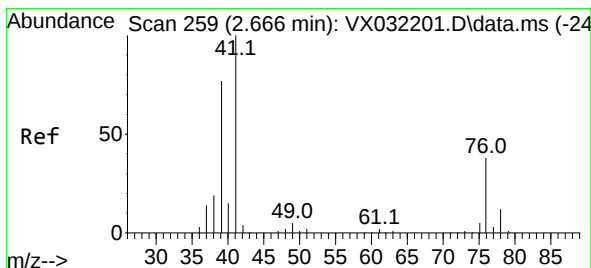
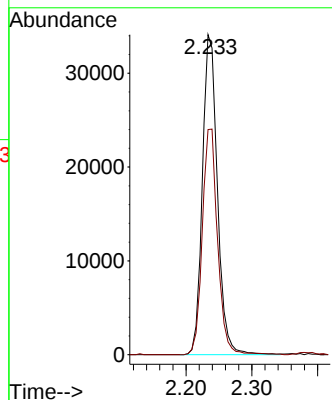
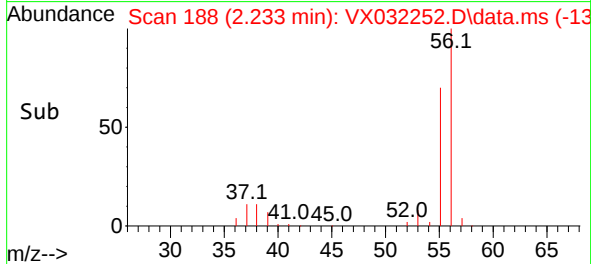
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



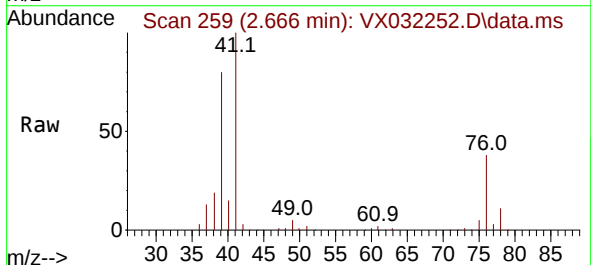
Tgt Ion: 56 Resp: 54172
Ion Ratio Lower Upper
56 100
55 71.9 56.4 84.6

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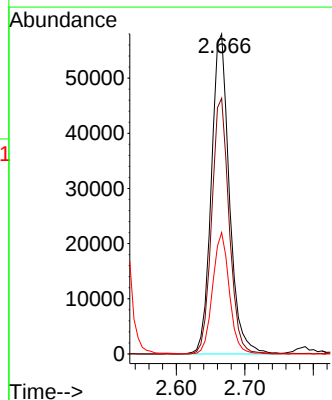
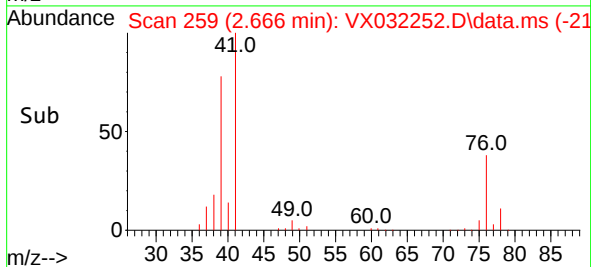
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

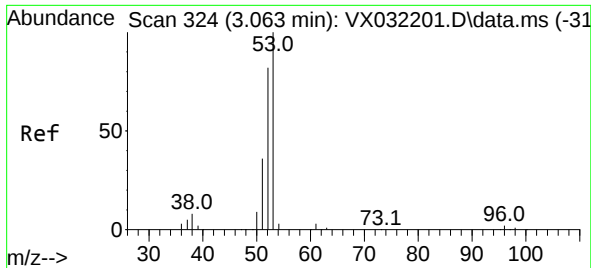


#14
Allyl chloride
Concen: 57.649 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



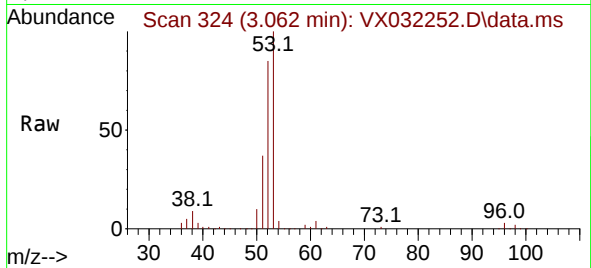
Tgt Ion: 41 Resp: 106430
Ion Ratio Lower Upper
41 100
39 76.9 59.5 89.3
76 35.0 28.6 42.8





#15
Acrylonitrile
Concen: 254.957 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

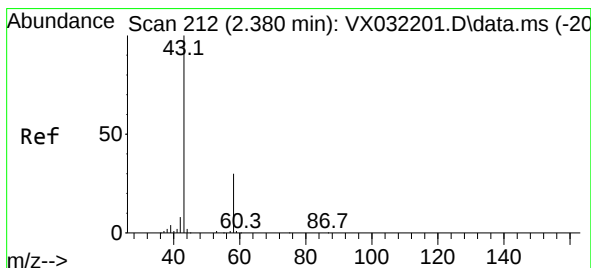
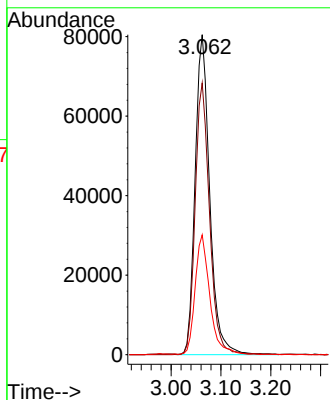
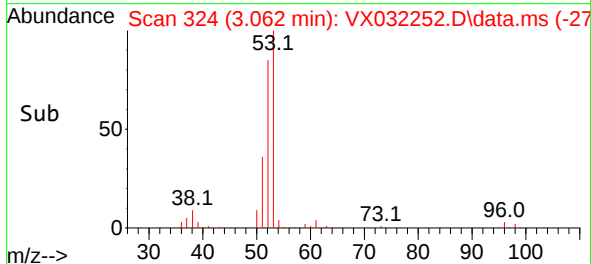
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16381
Ion Ratio Lower Upper
53 100
52 83.6 65.9 98.9
51 37.4 29.7 44.5

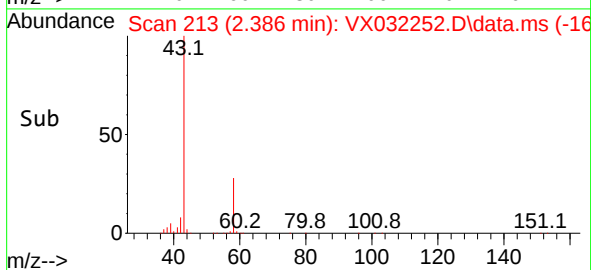
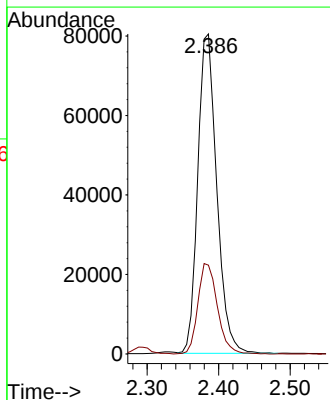
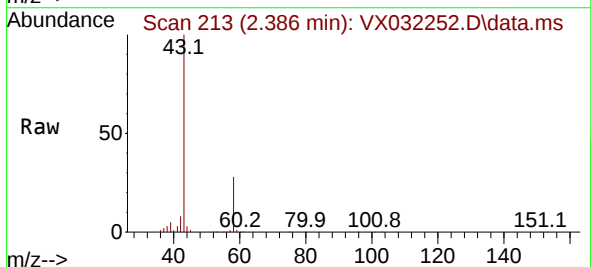
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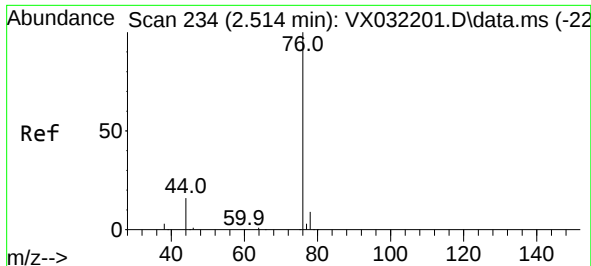
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#16
Acetone
Concen: 266.492 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 43 Resp: 148160
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.2





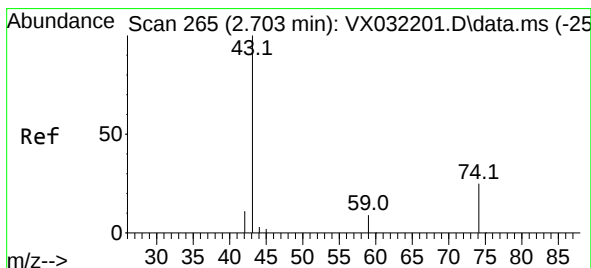
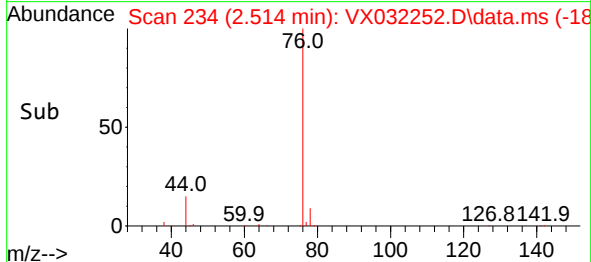
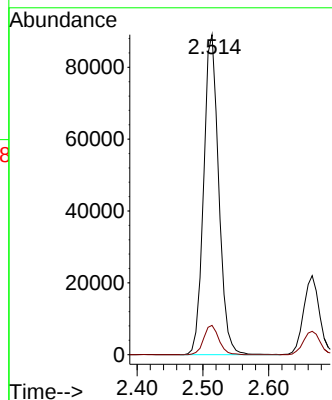
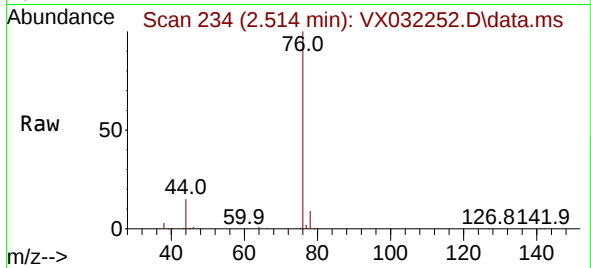
#17
Carbon Disulfide
Concen: 51.529 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14180
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

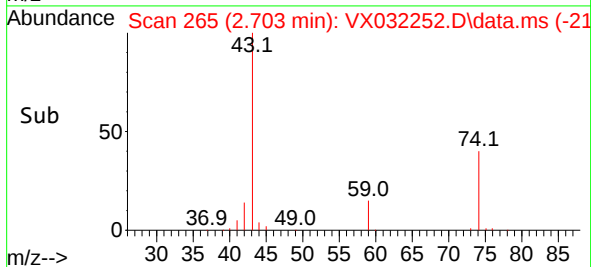
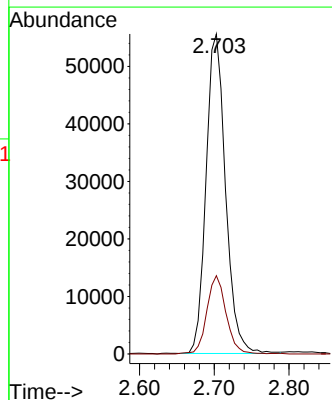
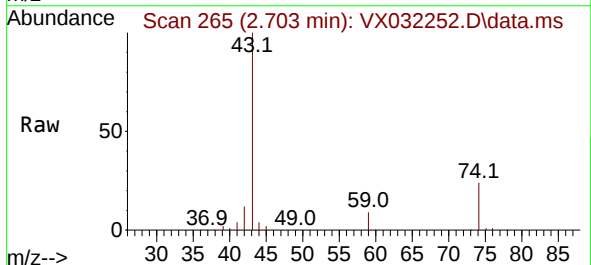
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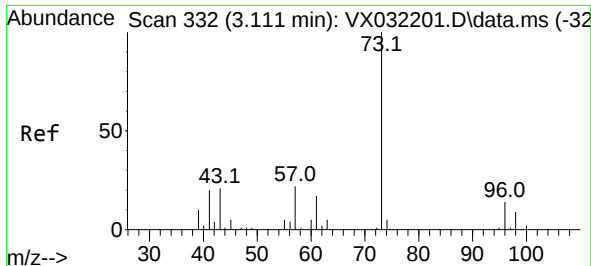
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 53.248 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 43 Resp: 100505
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.8





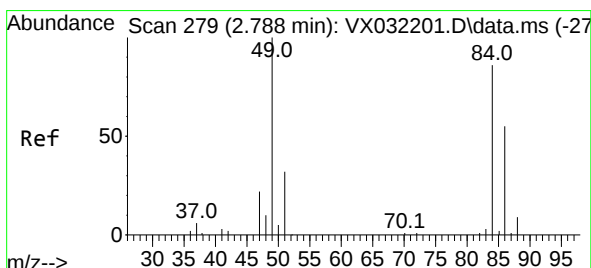
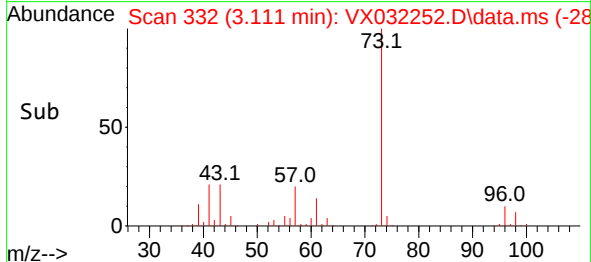
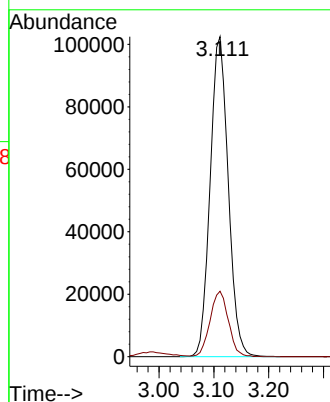
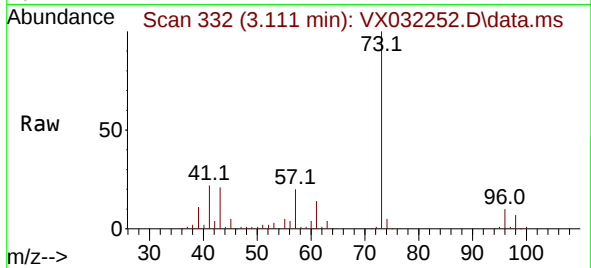
#19
Methyl tert-butyl Ether
Concen: 57.774 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 234014
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.2

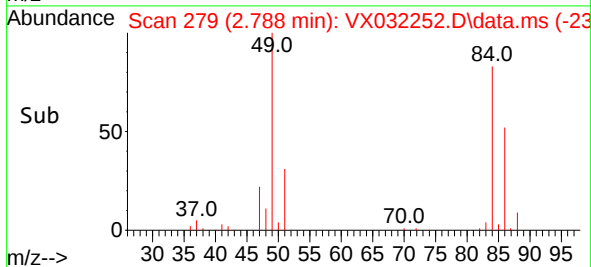
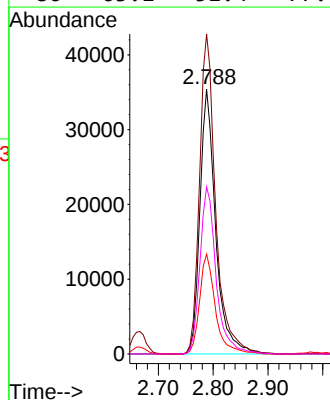
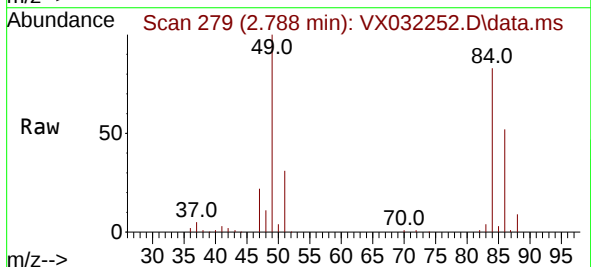
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 49.740 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

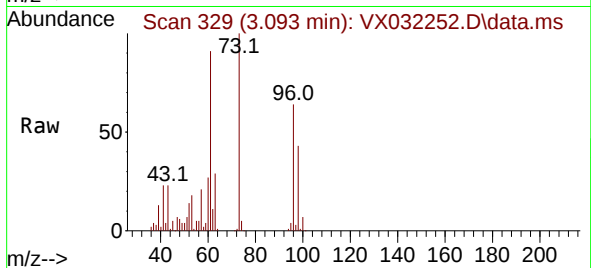
Tgt Ion: 84 Resp: 71006
Ion Ratio Lower Upper
84 100
49 120.8 92.6 139.0
51 37.7 29.2 43.8
86 63.1 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 53.221 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

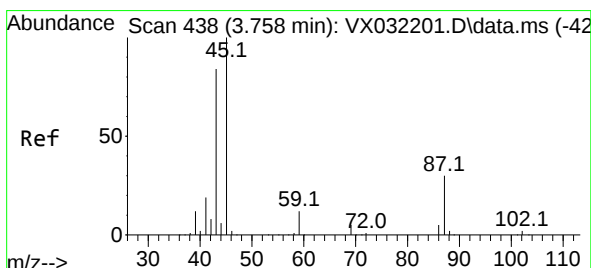
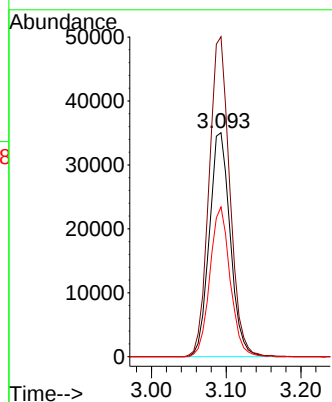
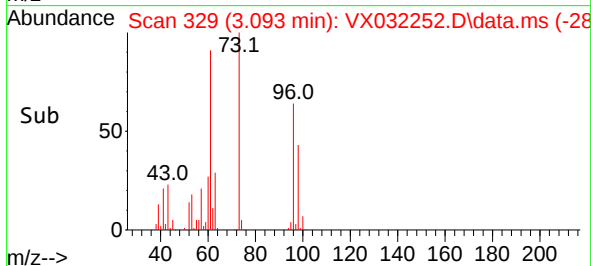
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6813
Ion Ratio Lower Upper
96 100
61 142.9 107.7 161.5
98 66.9 50.2 75.4

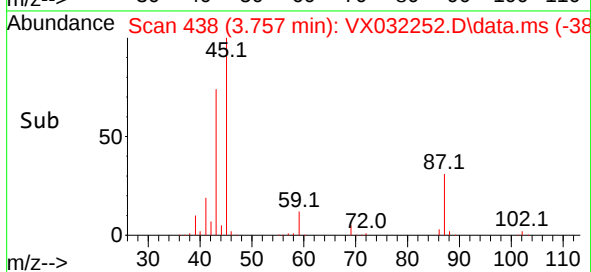
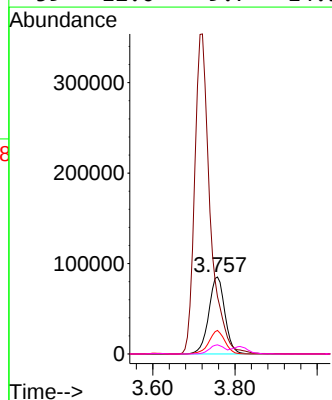
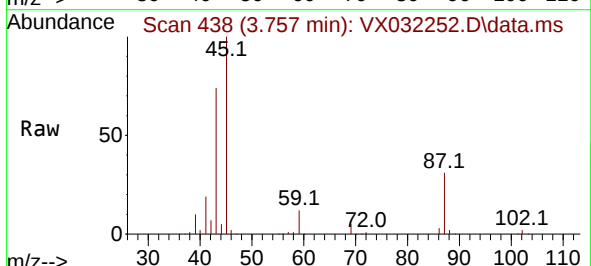
Manual Integrations
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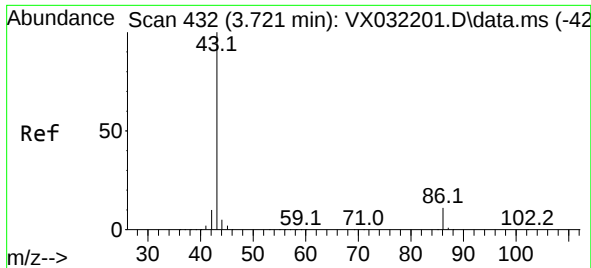
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#22
Diisopropyl ether
Concen: 57.351 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

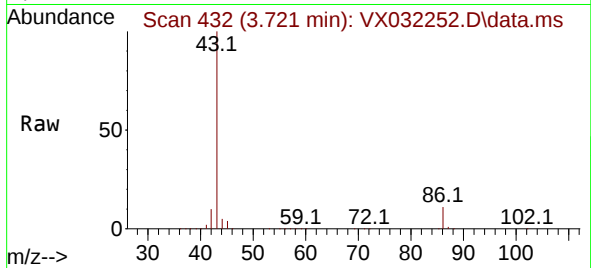
Tgt Ion: 45 Resp: 231858
Ion Ratio Lower Upper
45 100
43 74.1 67.5 101.3
87 30.6 24.0 36.0
59 12.0 9.7 14.5





#23
 Vinyl Acetate
 Concen: 286.468 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032252.D
 Acq: 20 Oct 2022 10:44

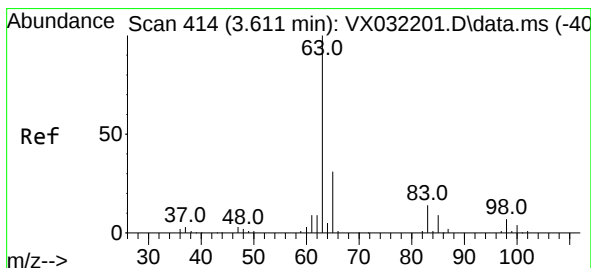
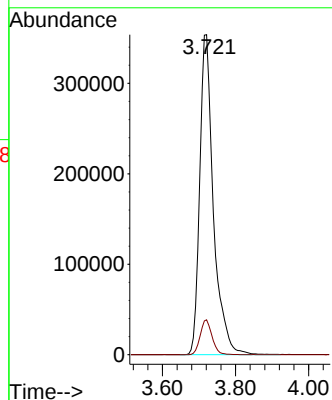
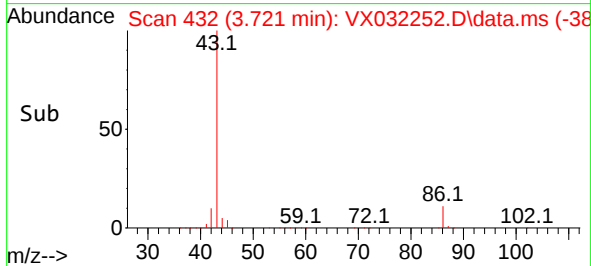
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



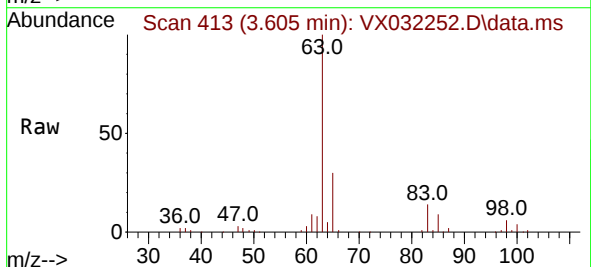
Tgt Ion: 43 Resp: 92564
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

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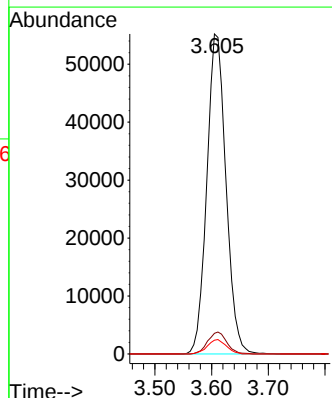
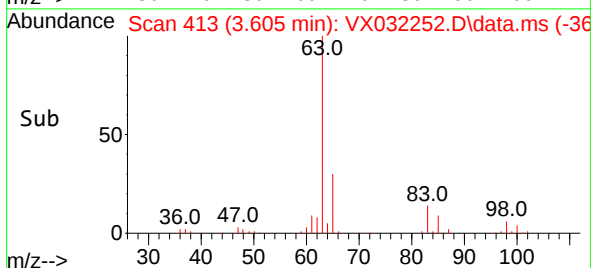
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

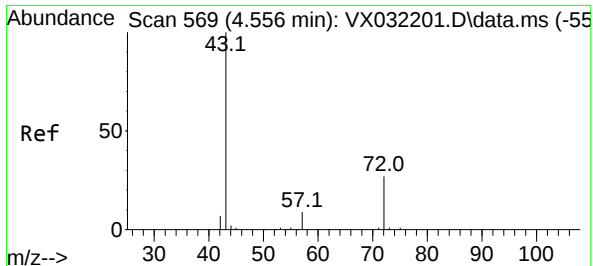


#24
 1,1-Dichloroethane
 Concen: 55.431 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032252.D
 Acq: 20 Oct 2022 10:44



Tgt Ion: 63 Resp: 129479
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 257.502 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 223510

Ion Ratio Lower Upper

43 100

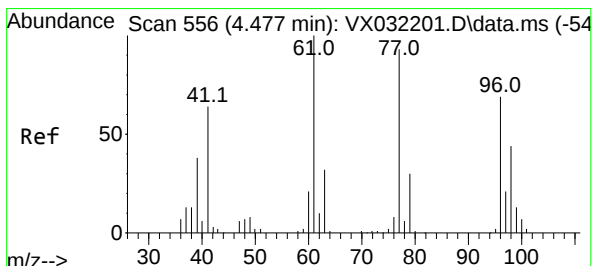
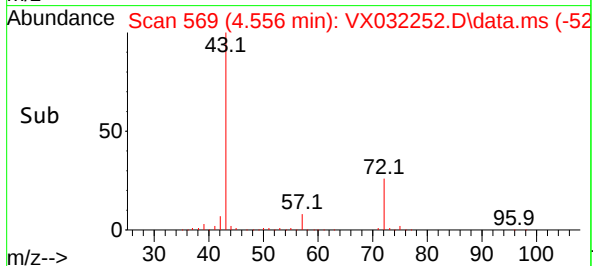
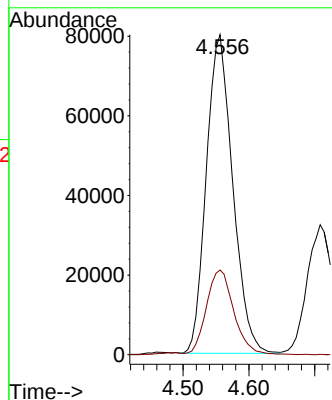
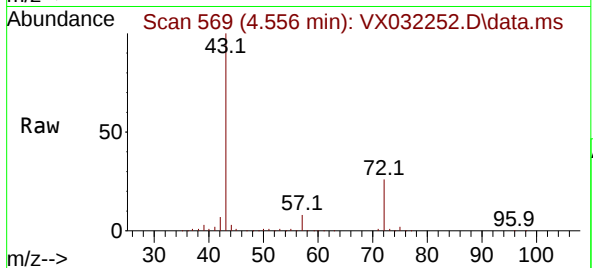
72 26.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#26

2,2-Dichloropropane

Concen: 65.566 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX032252.D

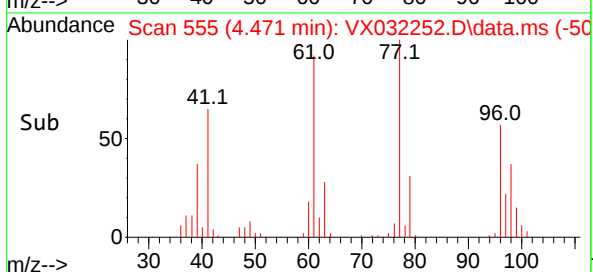
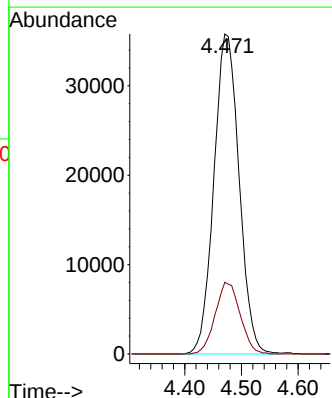
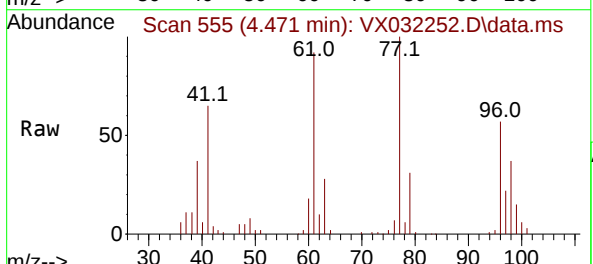
Acq: 20 Oct 2022 10:44

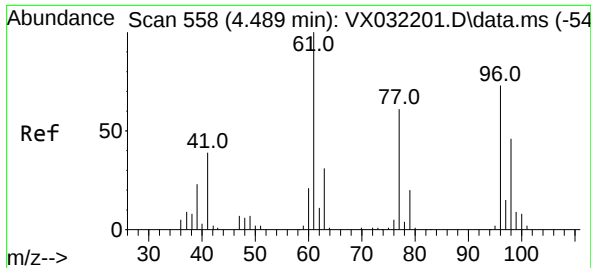
Tgt Ion: 77 Resp: 110344

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 55.317 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 82920

Ion Ratio Lower Upper

96 100

61 148.8 0.0 279.2

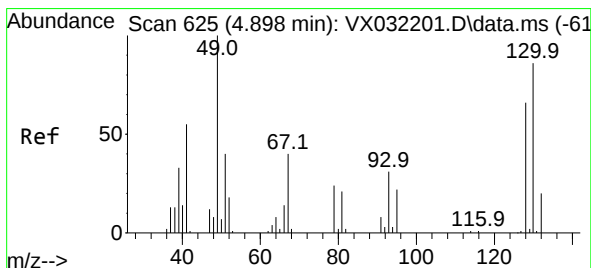
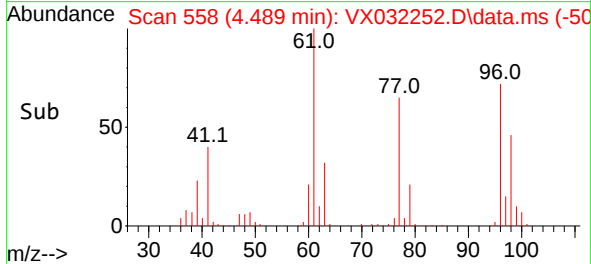
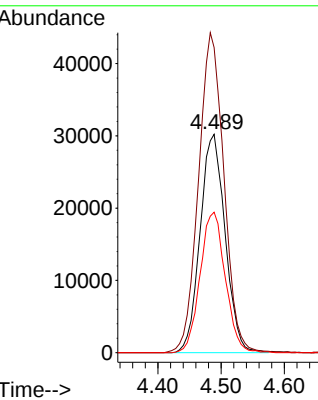
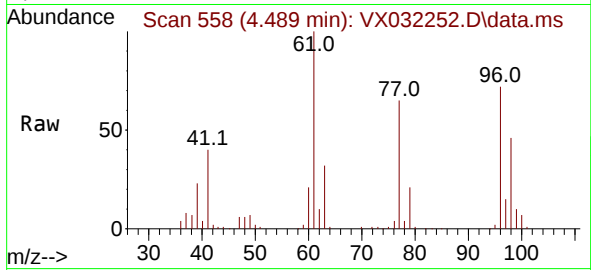
98 64.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#28

Bromochloromethane

Concen: 51.854 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.001 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

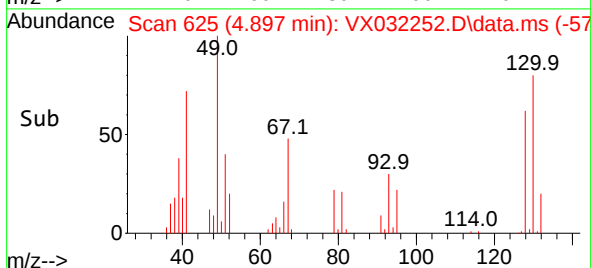
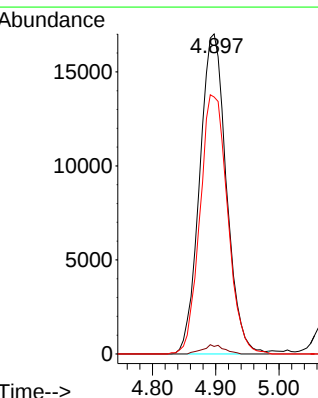
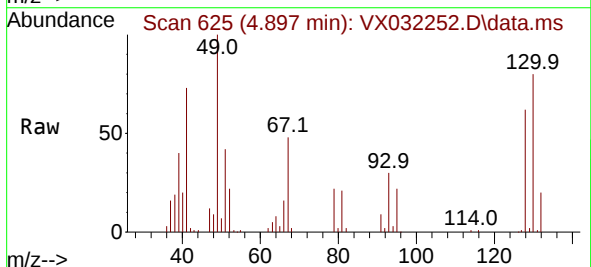
Tgt Ion: 49 Resp: 49972

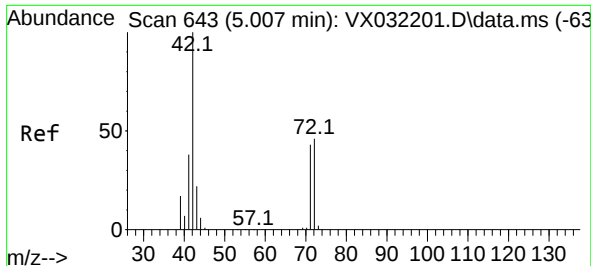
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

130 83.5 68.3 102.5





#29

Tetrahydrofuran

Concen: 252.788 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 141719

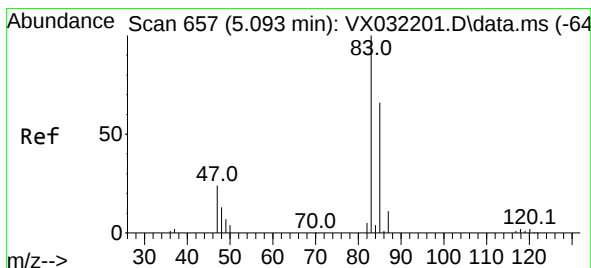
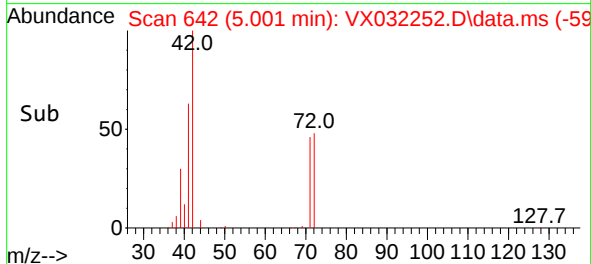
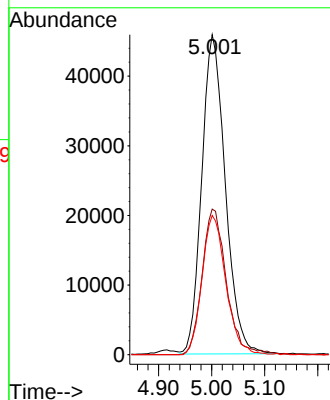
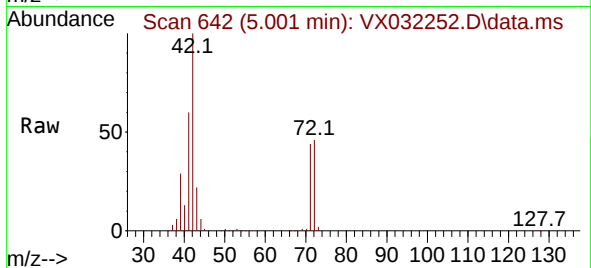
Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.5	56.3
71	44.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 56.747 ug/l

RT: 5.093 min Scan# 657

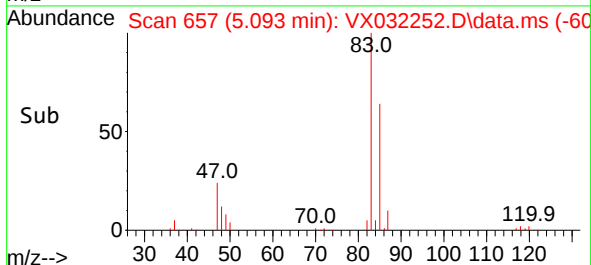
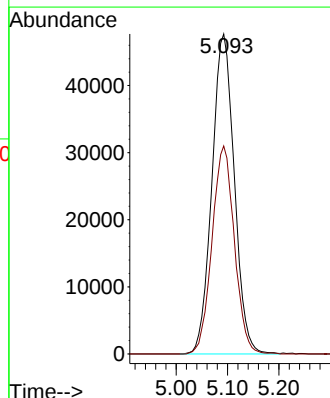
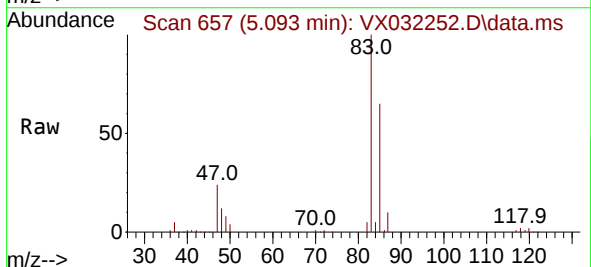
Delta R.T. -0.000 min

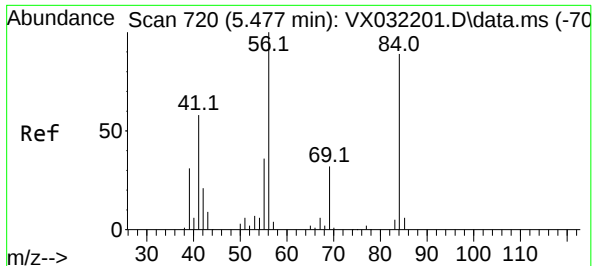
Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Tgt Ion: 83 Resp: 144274

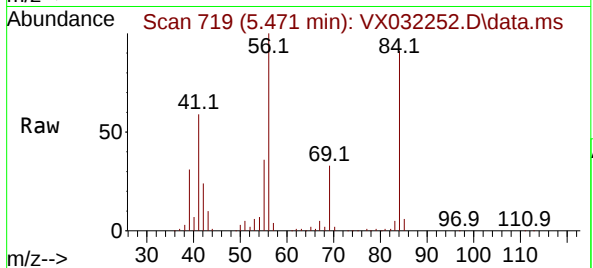
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7





#31
Cyclohexane
Concen: 55.561 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

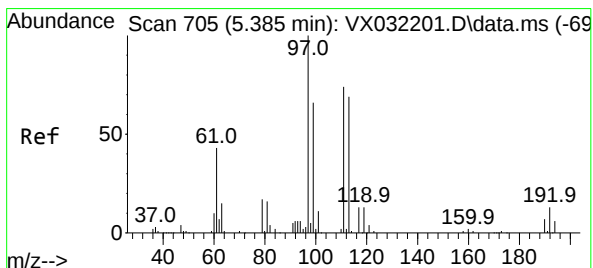
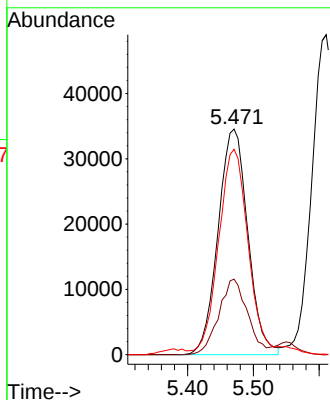
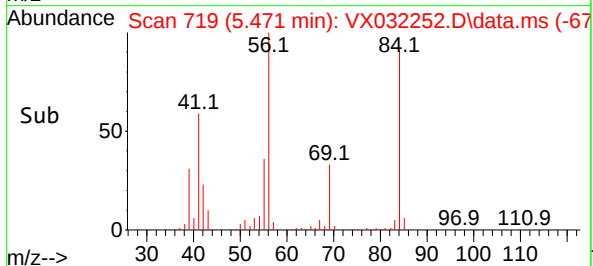
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10881
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.0
84 89.1 71.2 106.8

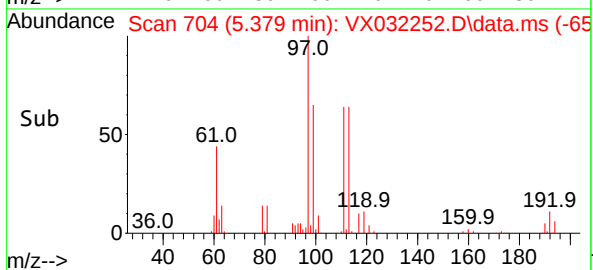
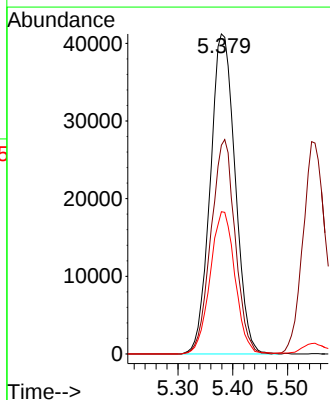
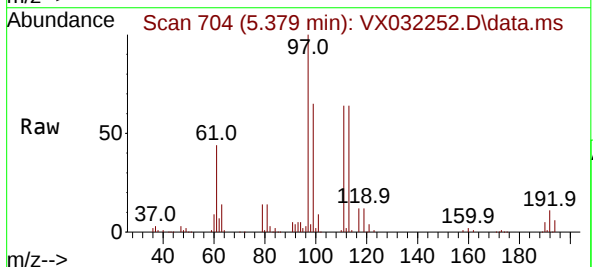
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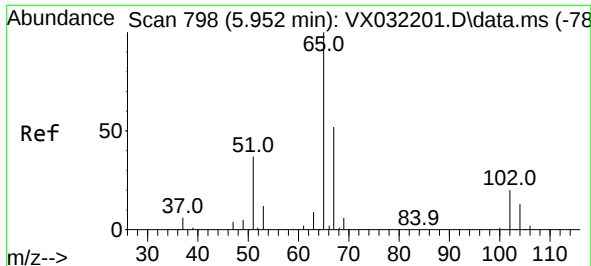
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#32
1,1,1-Trichloroethane
Concen: 59.859 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 97 Resp: 129779
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.8
61 44.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 57.005 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 97660

Ion Ratio Lower Upper

65 100

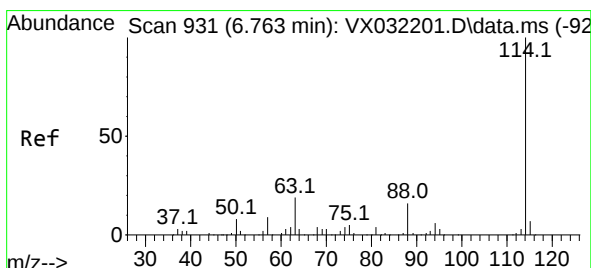
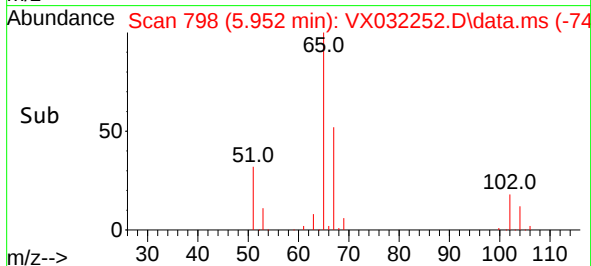
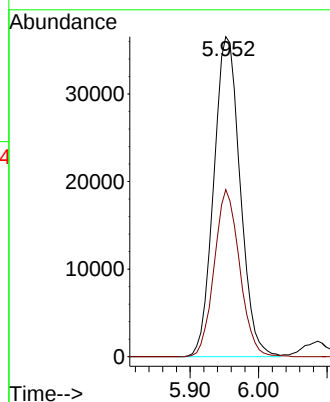
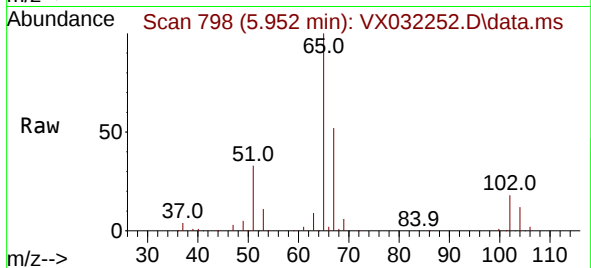
67 50.3 0.0 103.6

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

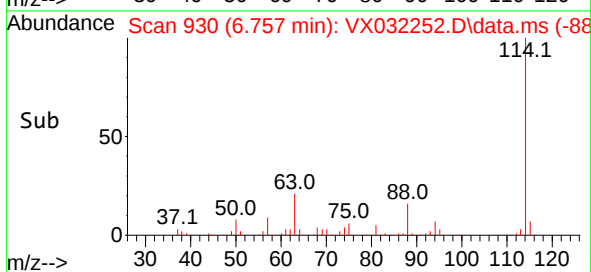
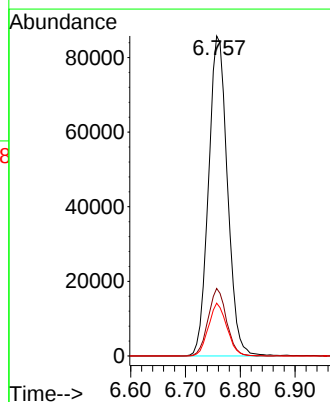
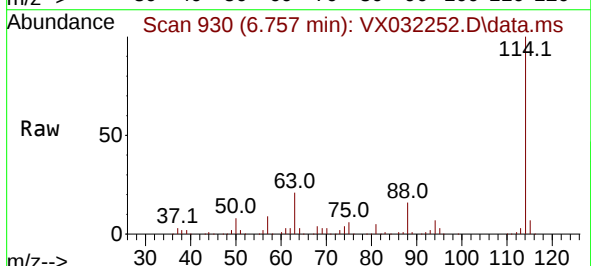
Tgt Ion:114 Resp: 205279

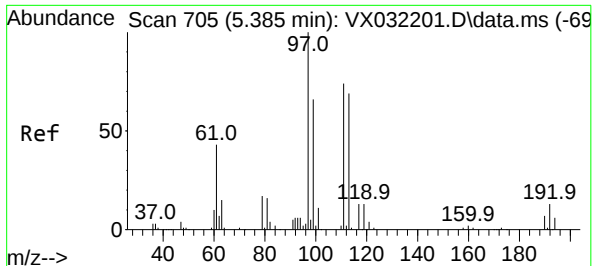
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.6

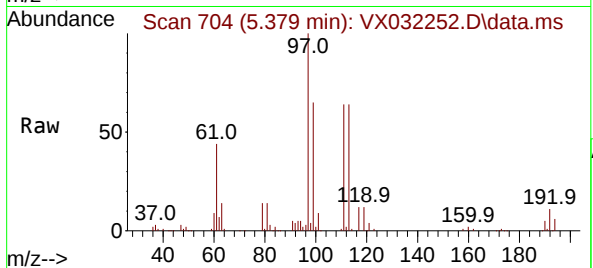
88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.428 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

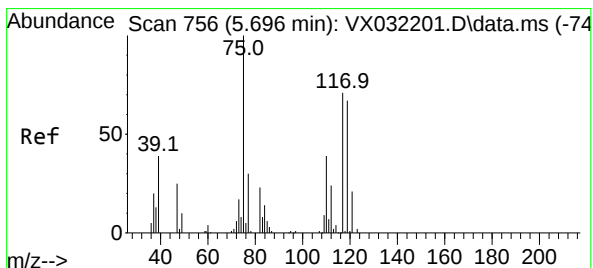
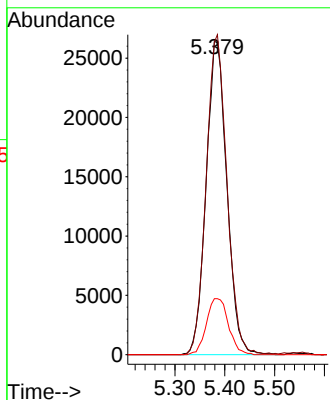
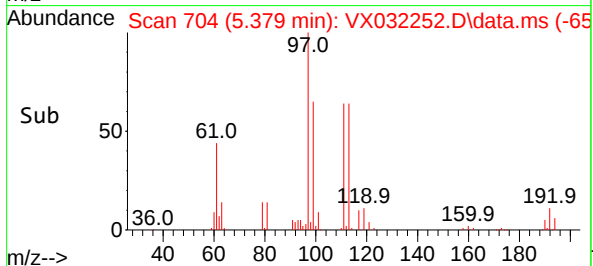
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 76320
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.9 15.5 23.3

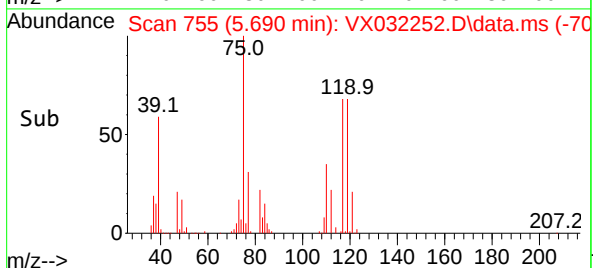
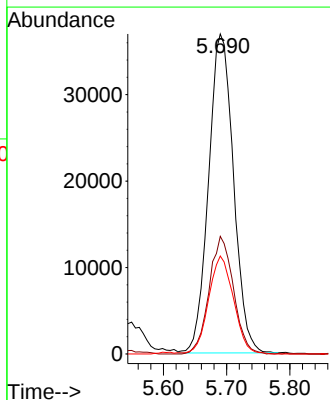
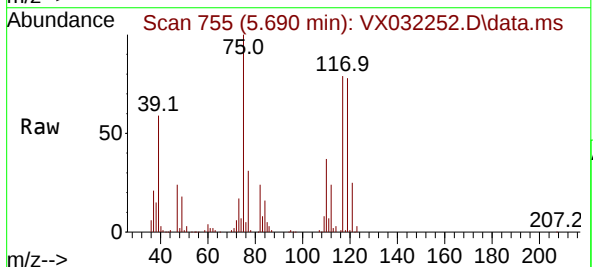
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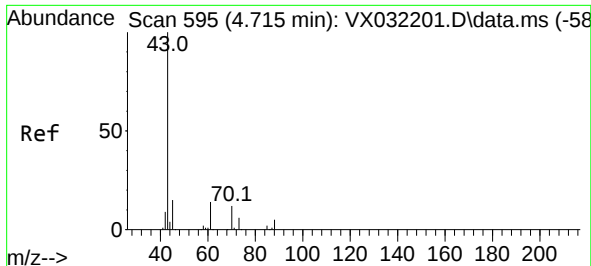
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#36
1,1-Dichloropropene
Concen: 54.936 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 75 Resp: 100946
Ion Ratio Lower Upper
75 100
110 36.0 18.4 55.0
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 51.383 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 92444

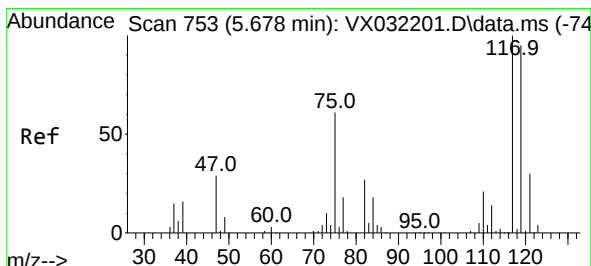
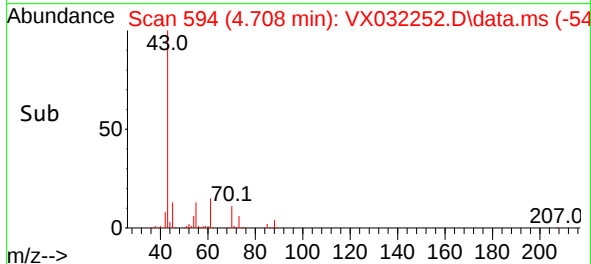
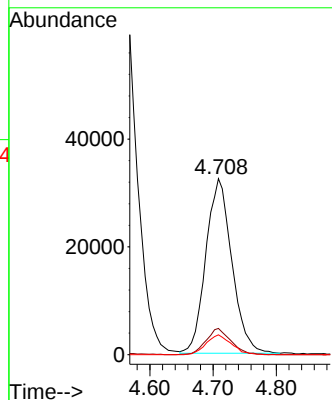
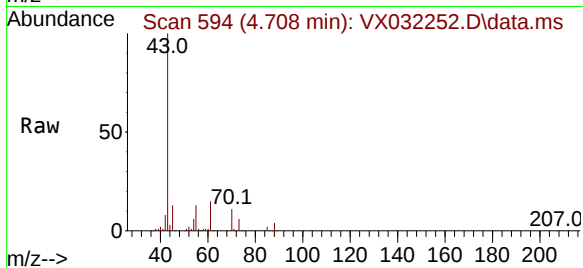
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.2
70	11.0	8.8	13.2

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#38

Carbon Tetrachloride

Concen: 58.391 ug/l

RT: 5.678 min Scan# 753

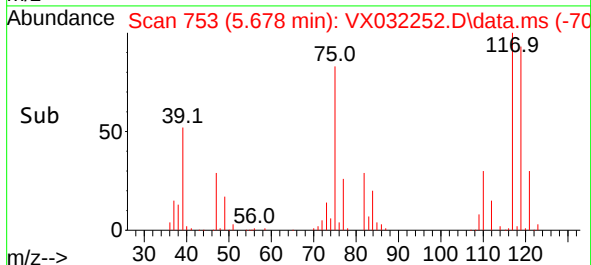
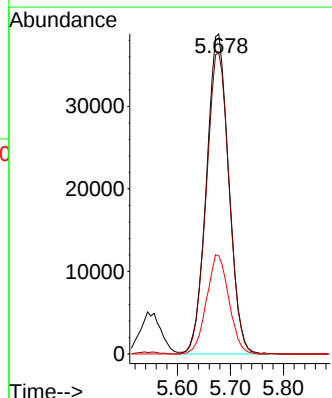
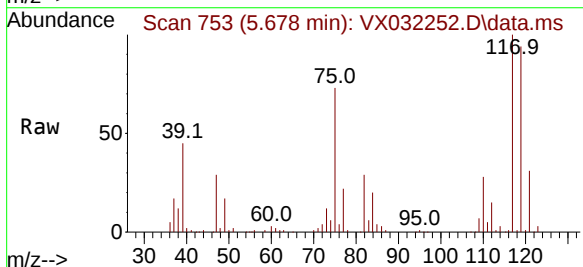
Delta R.T. -0.000 min

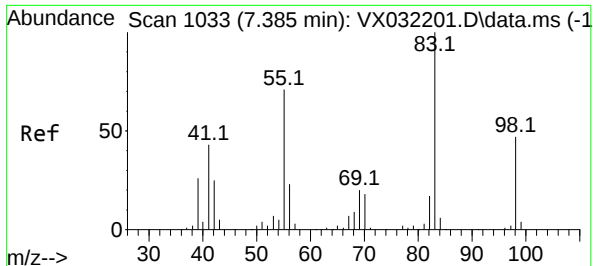
Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Tgt Ion:117 Resp: 113266

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.4	113.0
121	30.6	23.9	35.9





#39

Methylcyclohexane

Concen: 56.043 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 123020

Ion Ratio Lower Upper

83 100

55 73.2 56.6 85.0

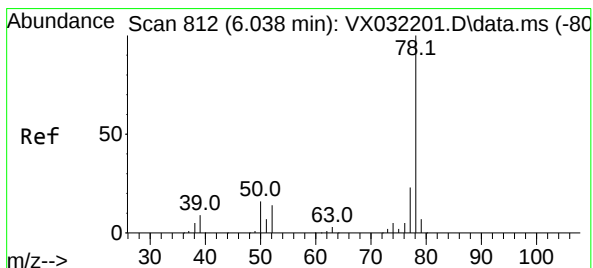
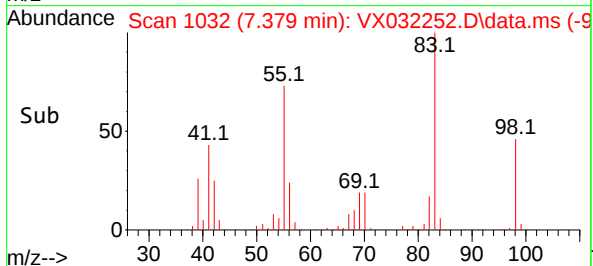
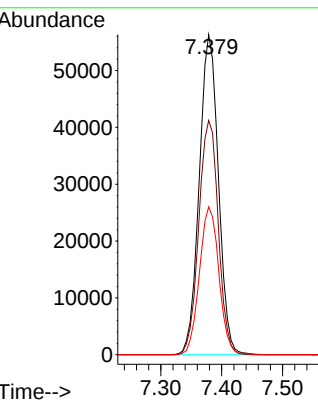
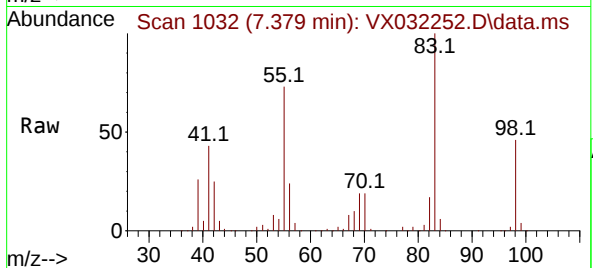
98 46.2 37.4 56.0

Manual Integrations

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Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 53.633 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX032252.D

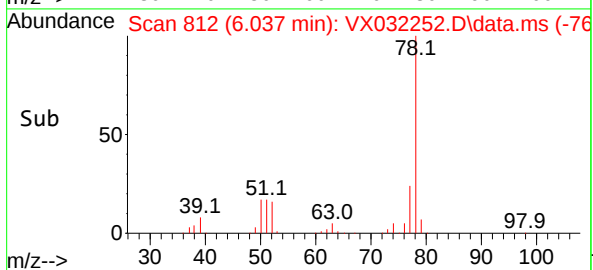
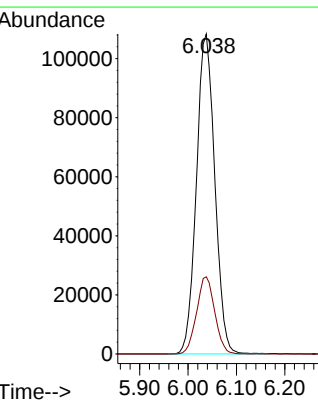
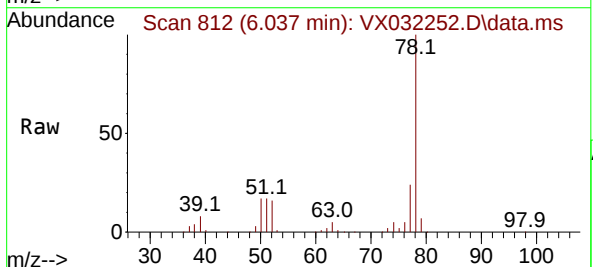
Acq: 20 Oct 2022 10:44

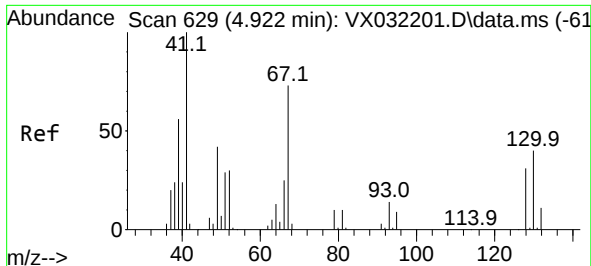
Tgt Ion: 78 Resp: 285632

Ion Ratio Lower Upper

78 100

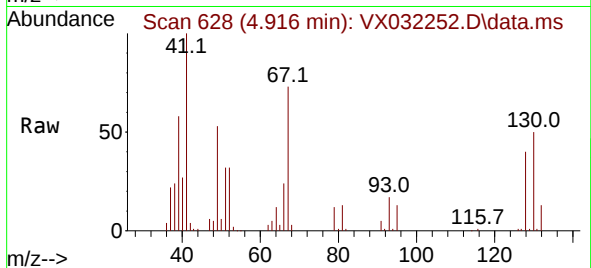
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 56.491 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

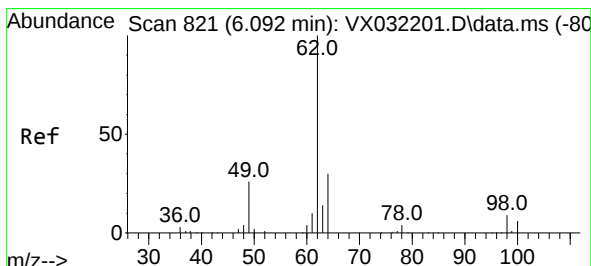
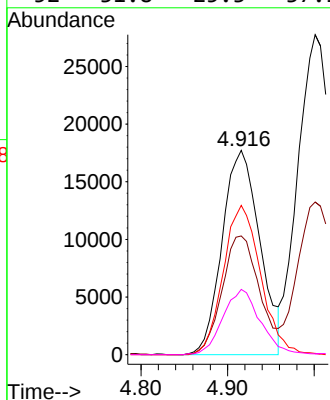
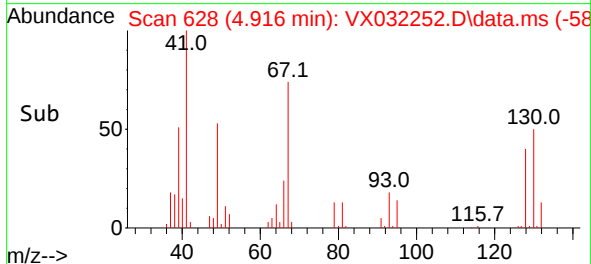
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5359
Ion Ratio Lower Upper
41 100
39 57.8 45.5 68.3
67 72.5 59.4 89.2
52 31.8 25.3 37.9

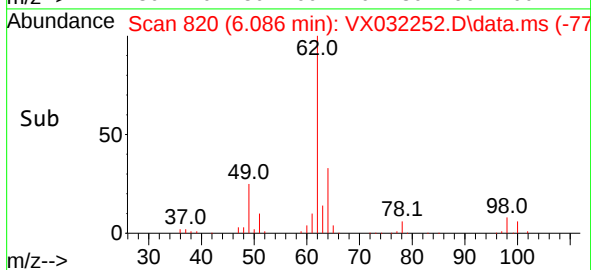
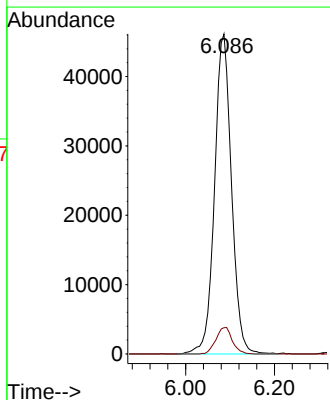
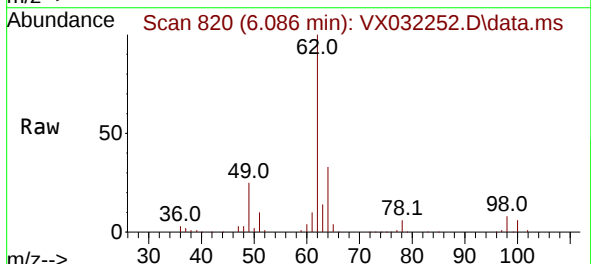
Manual Integrations
APPROVED

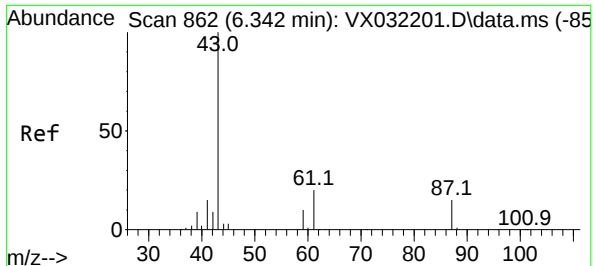
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#42
1,2-Dichloroethane
Concen: 59.702 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 62 Resp: 121789
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.4





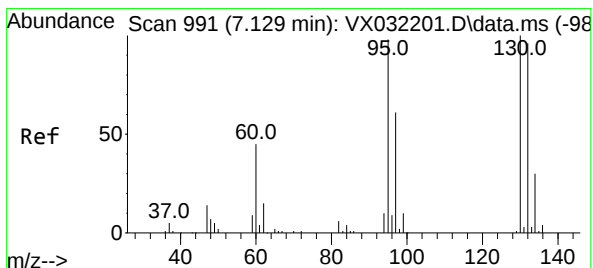
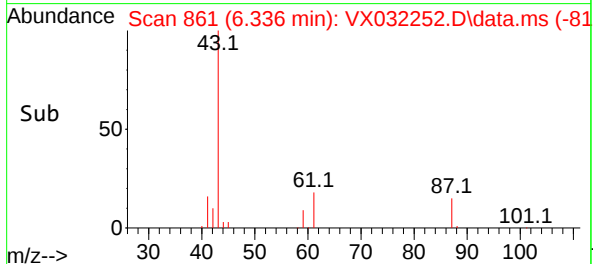
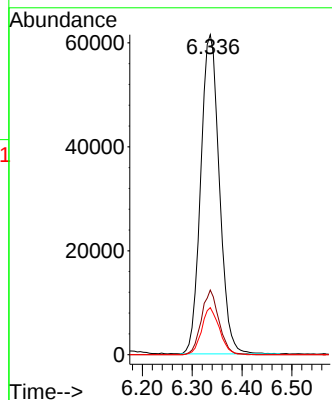
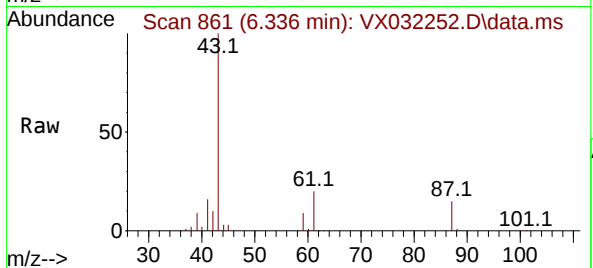
#43
Isopropyl Acetate
Concen: 56.413 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 15929
Ion Ratio Lower Upper
43 100
61 19.1 15.5 23.3
87 14.0 11.0 16.6

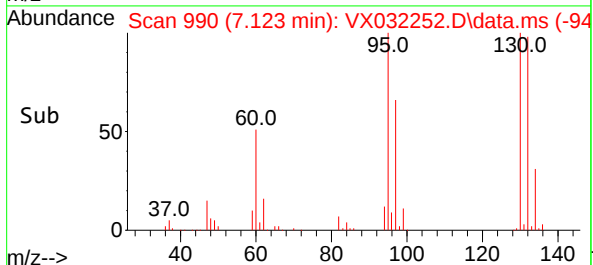
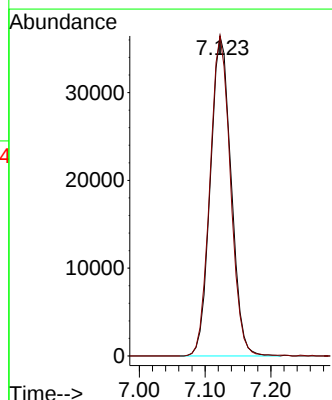
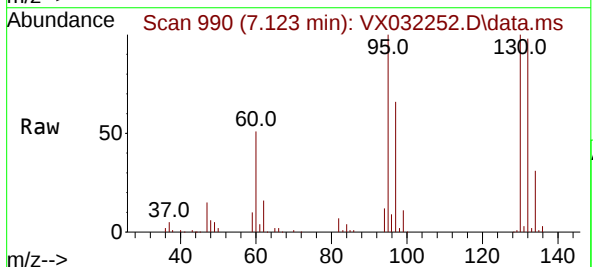
Manual Integrations
APPROVED

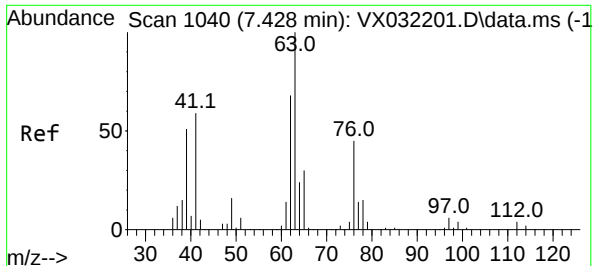
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#44
Trichloroethene
Concen: 54.592 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion:130 Resp: 80063
Ion Ratio Lower Upper
130 100
95 100.0 0.0 196.8





#45

1,2-Dichloropropane

Concen: 56.037 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7528

Ion Ratio Lower Upper

63 100

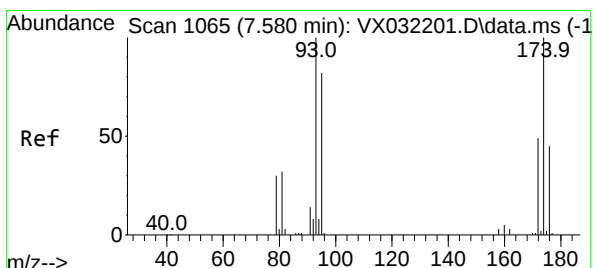
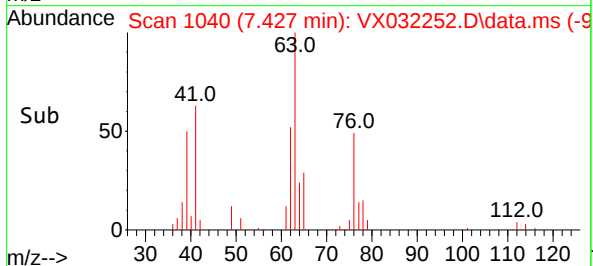
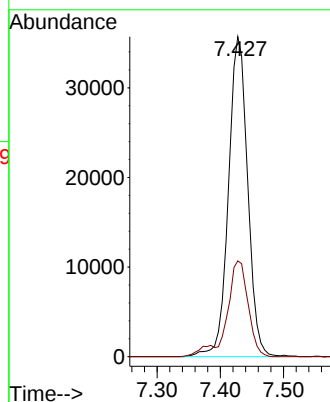
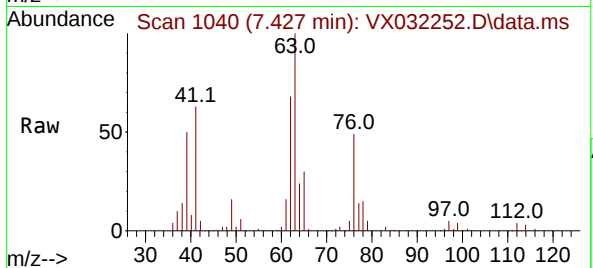
65 30.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 56.916 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

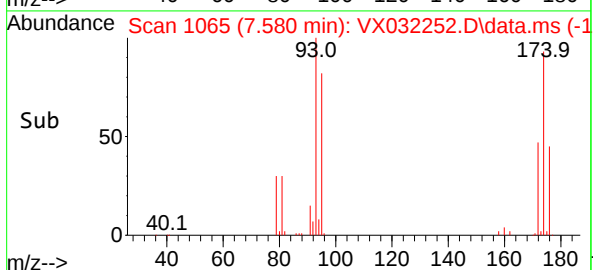
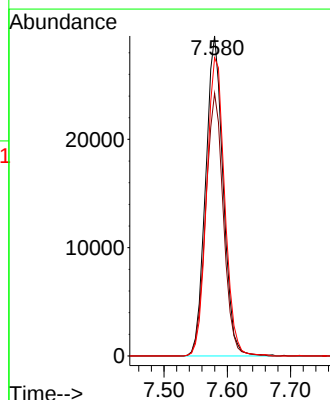
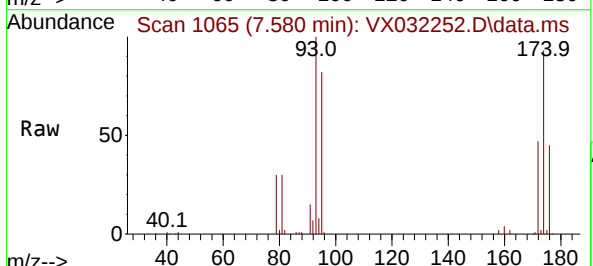
Tgt Ion: 93 Resp: 57032

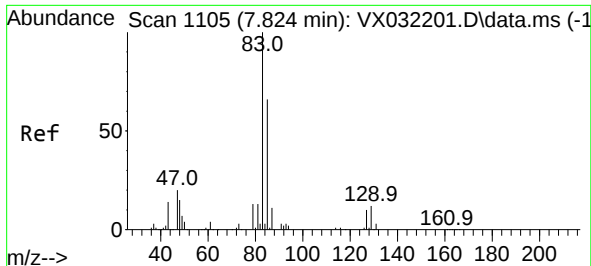
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

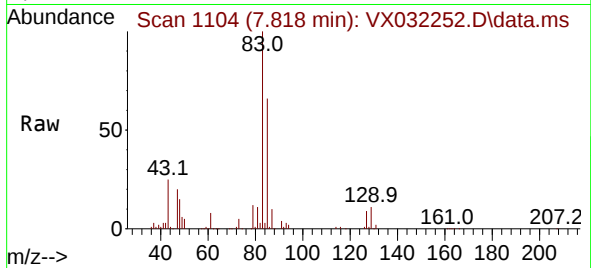
174 96.0 80.7 121.1





#47
Bromodichloromethane
Concen: 59.839 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

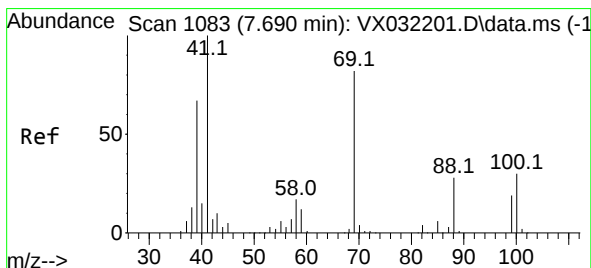
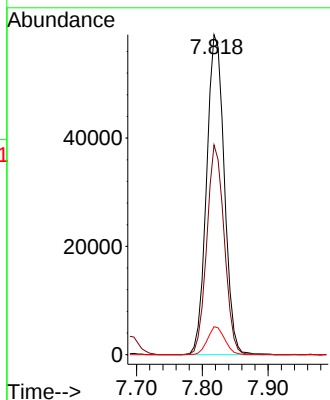
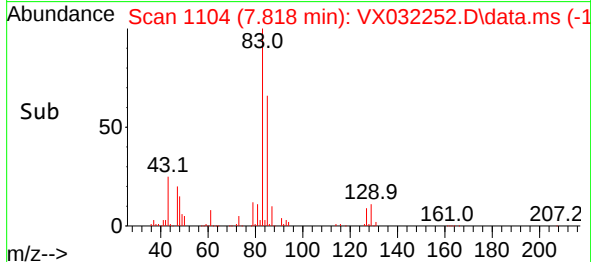
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



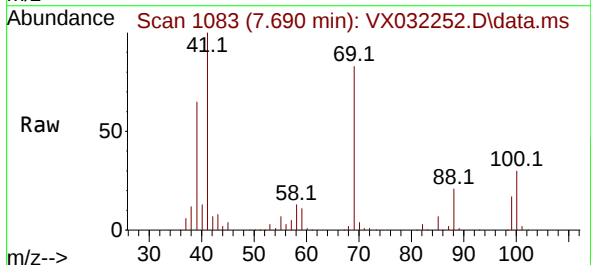
Tgt Ion: 83 Resp: 11076
Ion Ratio Lower Upper
83 100
85 65.6 53.0 79.6
127 8.8 7.8 11.8

Manual Integrations
APPROVED

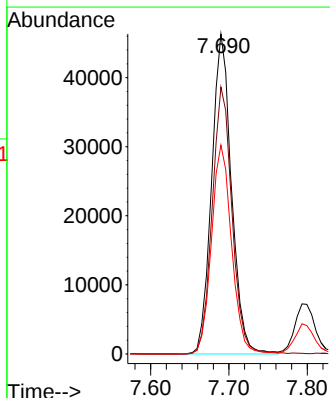
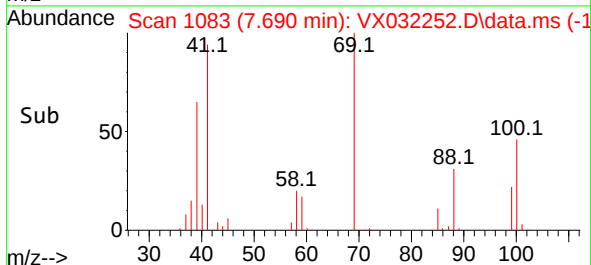
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

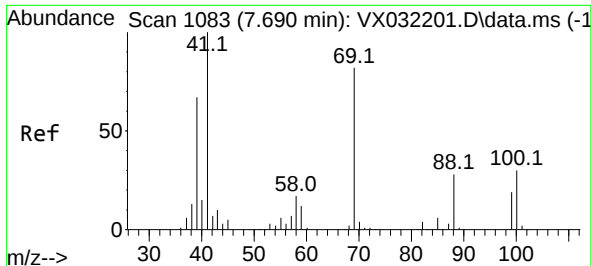


#48
Methyl methacrylate
Concen: 57.947 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



Tgt Ion: 41 Resp: 81605
Ion Ratio Lower Upper
41 100
69 83.5 67.3 100.9
39 66.0 53.8 80.8





#49

1,4-Dioxane

Concen: 959.431 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

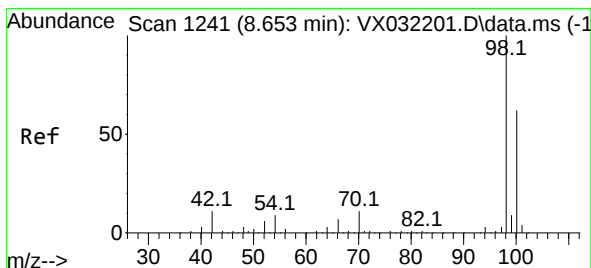
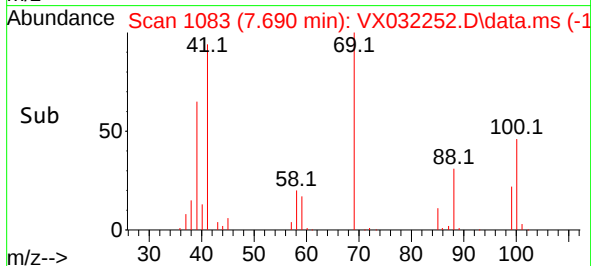
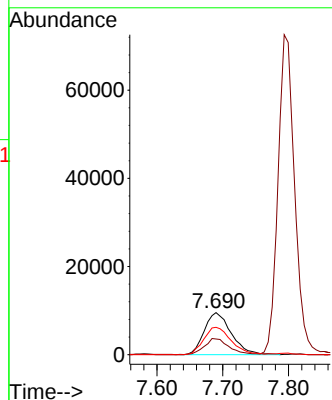
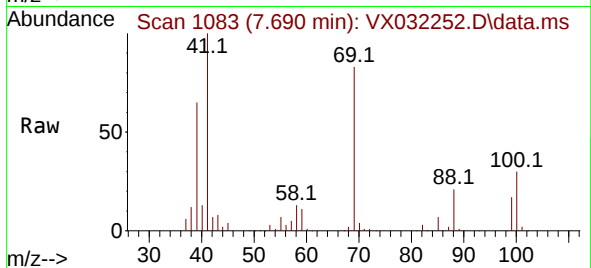
Tgt Ion: 88 Resp: 27110
 Ion Ratio Lower Upper
 88 100
 43 35.1 26.9 40.3
 58 66.1 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 53.069 ug/l

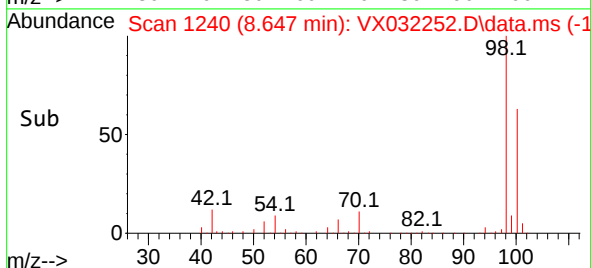
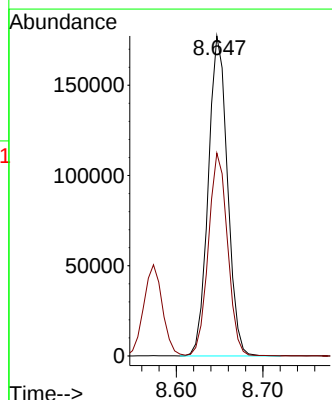
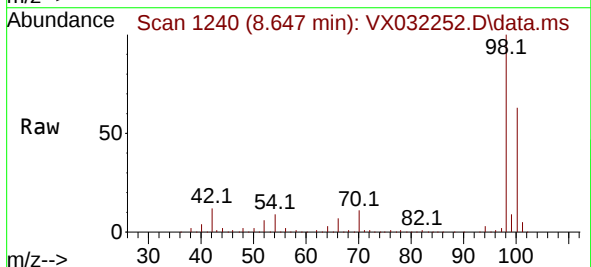
RT: 8.647 min Scan# 1240

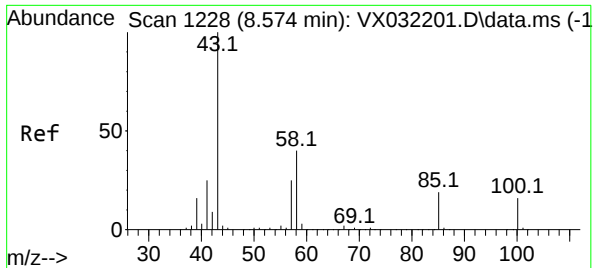
Delta R.T. -0.006 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Tgt Ion: 98 Resp: 272885
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.7 76.1





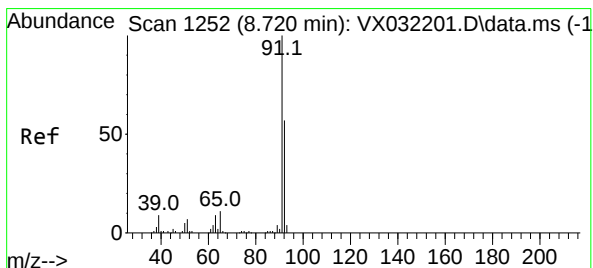
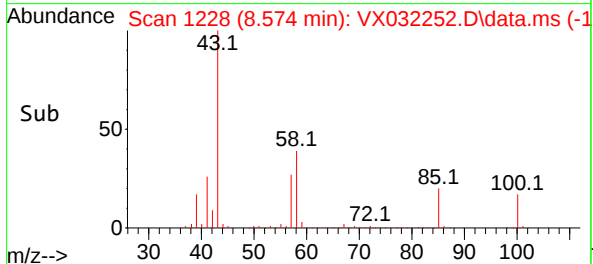
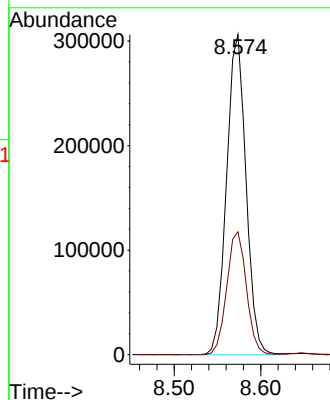
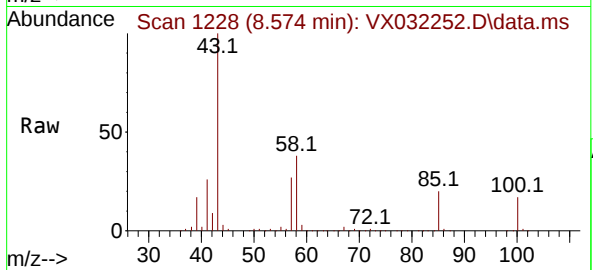
#51
4-Methyl-2-Pentanone
Concen: 269.216 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47653
Ion Ratio Lower Upper
43 100
58 38.9 31.0 46.4

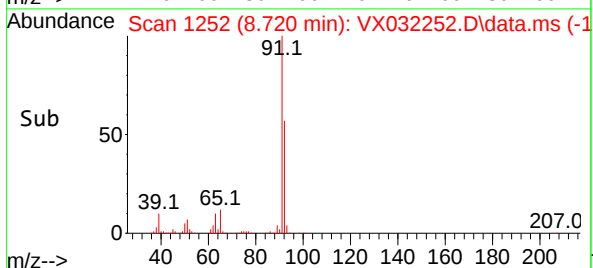
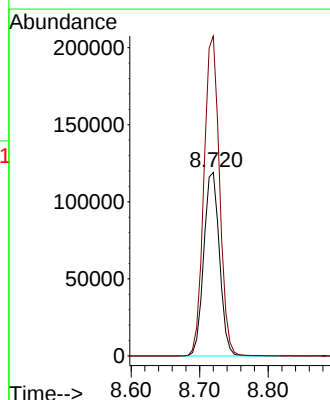
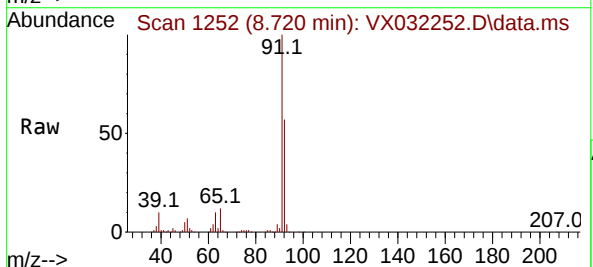
Manual Integrations
APPROVED

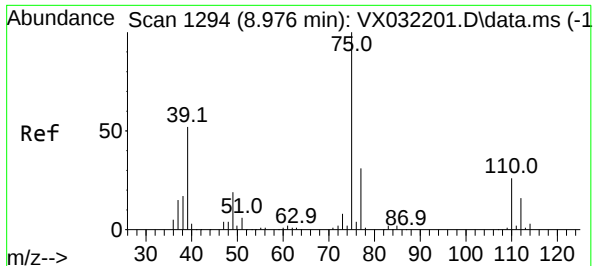
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#52
Toluene
Concen: 55.109 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 92 Resp: 190124
Ion Ratio Lower Upper
92 100
91 173.2 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 56.110 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 117519

Ion Ratio Lower Upper

75 100

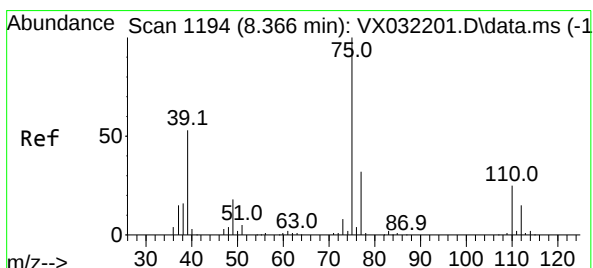
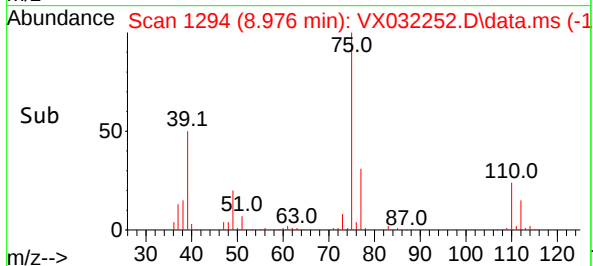
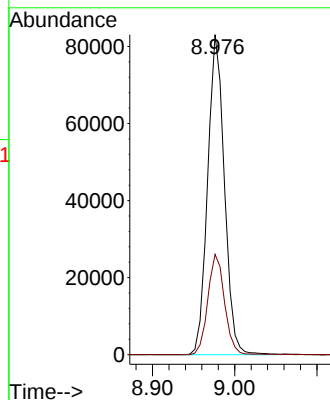
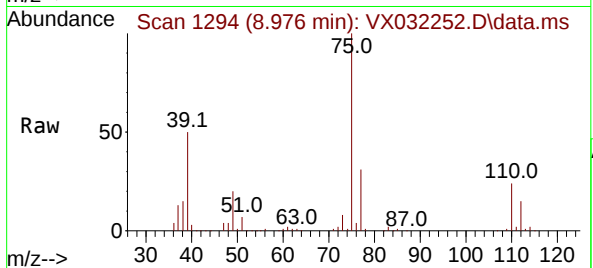
77 31.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#54

cis-1,3-Dichloropropene

Concen: 60.475 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

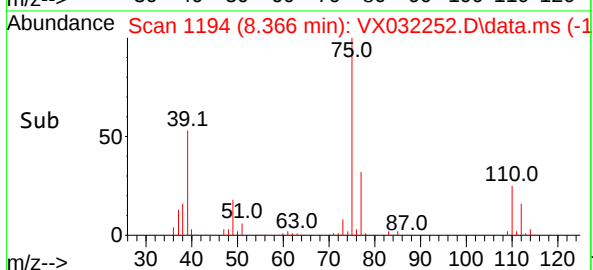
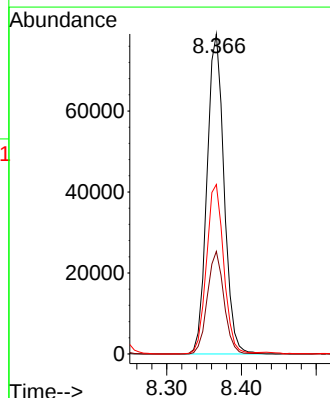
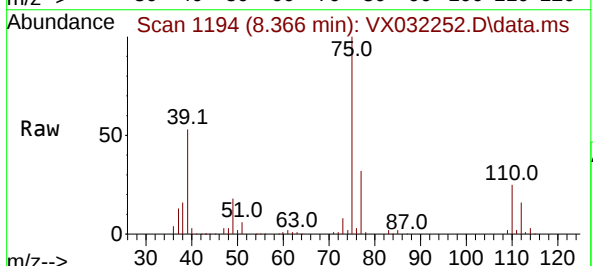
Tgt Ion: 75 Resp: 124733

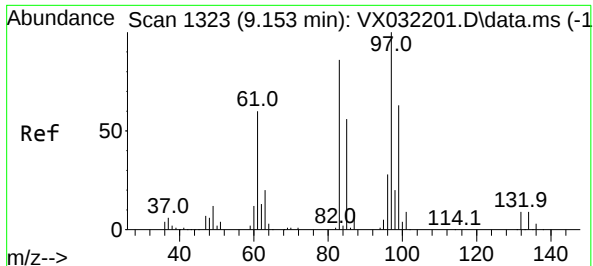
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 52.9 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 56.554 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 7925

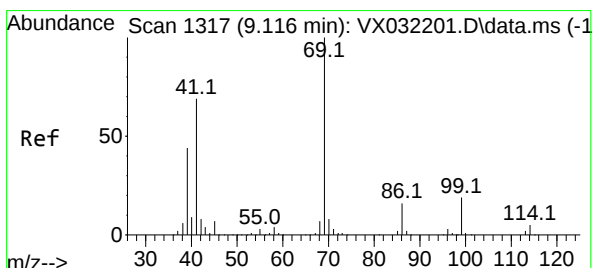
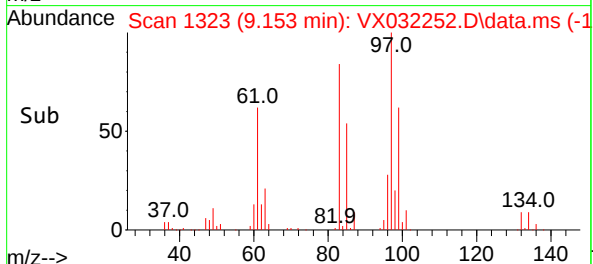
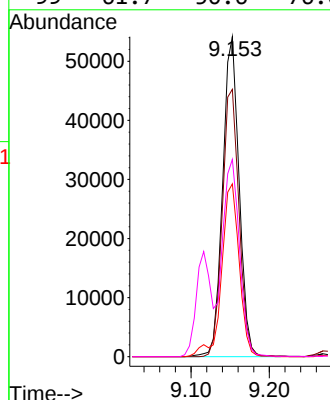
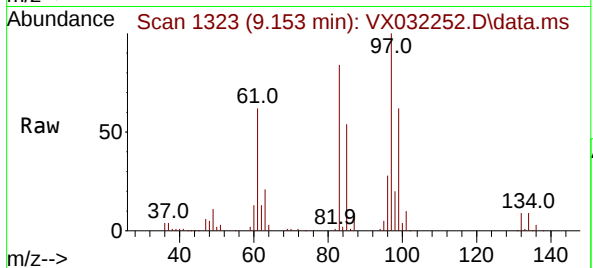
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.8	103.2
85	54.0	44.7	67.1
99	61.7	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#56

Ethyl methacrylate

Concen: 59.081 ug/l

RT: 9.116 min Scan# 1317

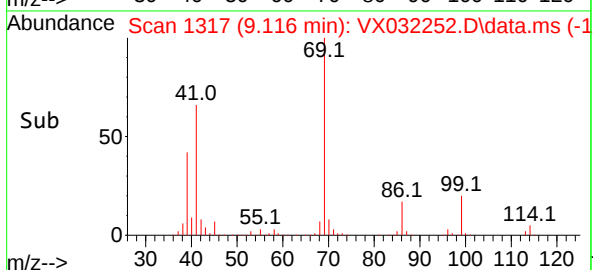
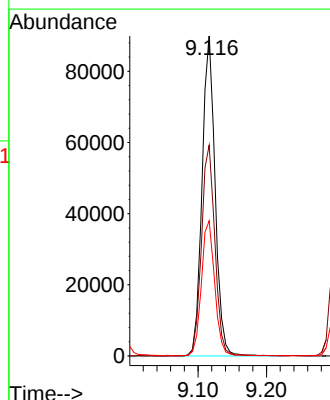
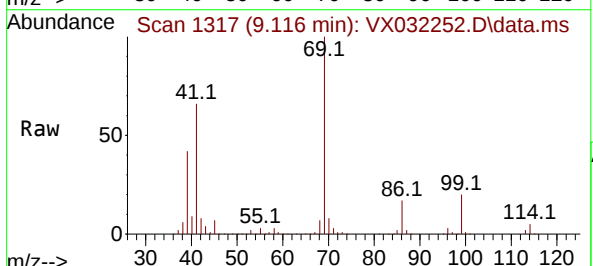
Delta R.T. 0.000 min

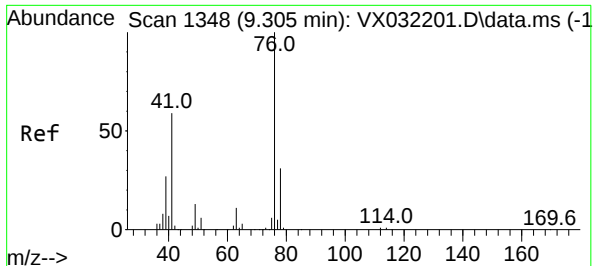
Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Tgt Ion: 69 Resp: 119252

Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.5	81.7
39	43.7	35.7	53.5





#57

1,3-Dichloropropane

Concen: 56.704 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12872

Ion Ratio Lower Upper

76 100

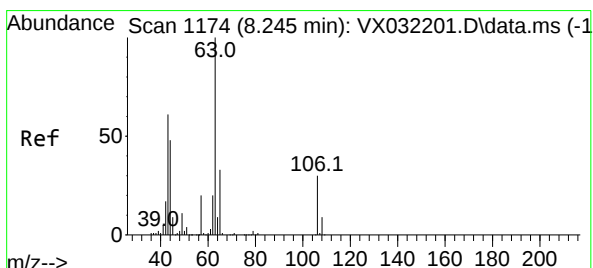
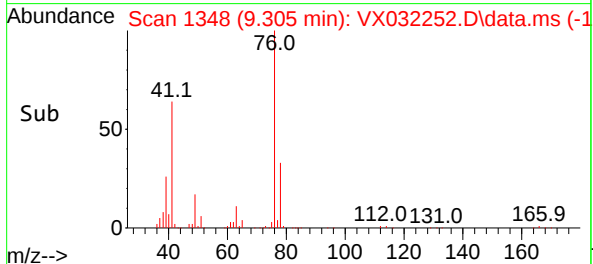
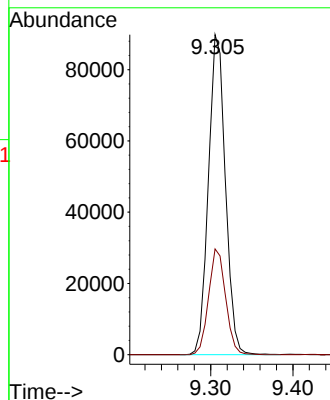
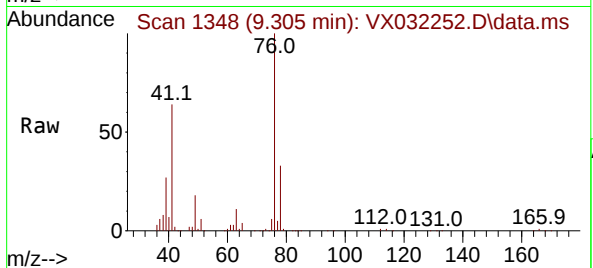
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 273.863 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX032252.D

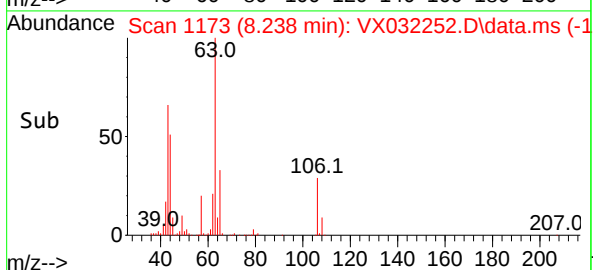
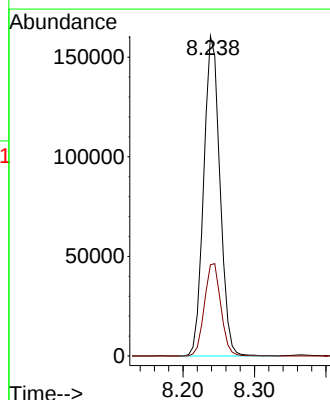
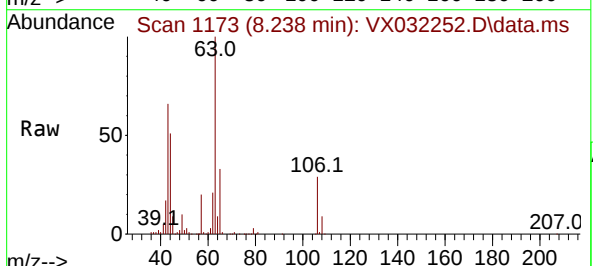
Acq: 20 Oct 2022 10:44

Tgt Ion: 63 Resp: 253370

Ion Ratio Lower Upper

63 100

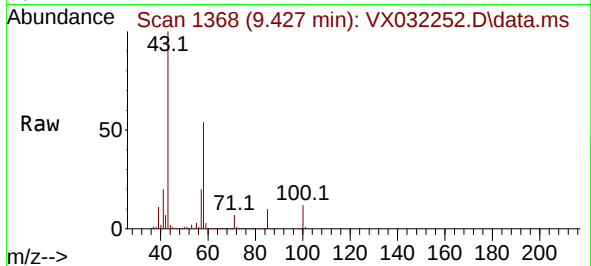
106 29.2 23.6 35.4





#59
2-Hexanone
Concen: 266.496 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

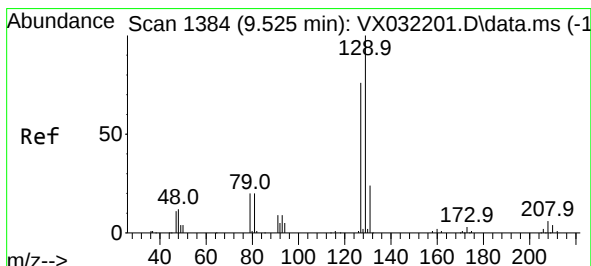
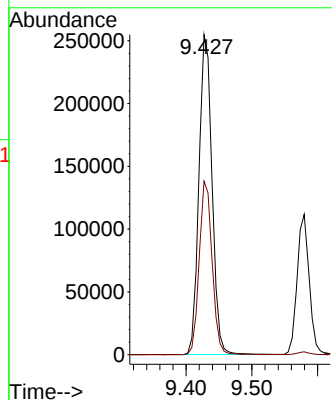
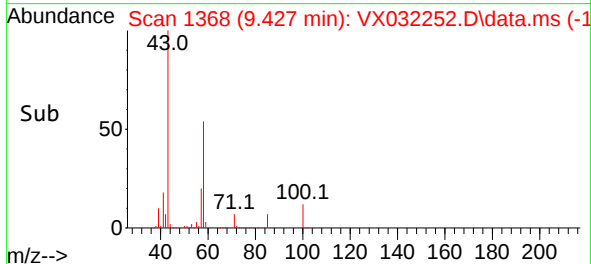
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 351979
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1

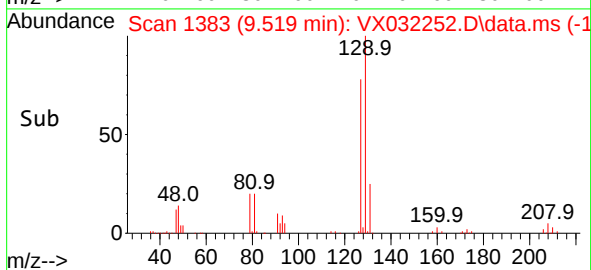
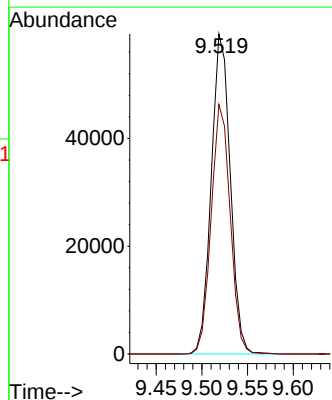
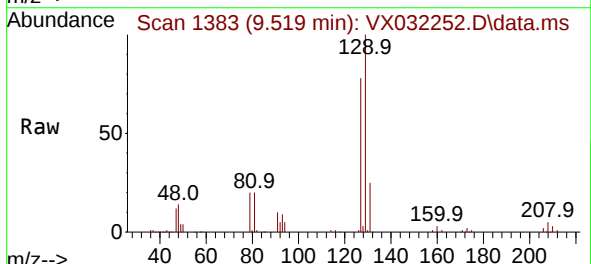
Manual Integrations
APPROVED

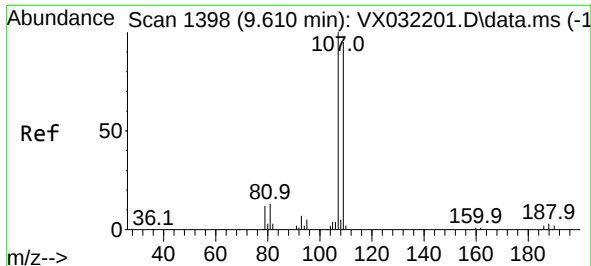
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 59.738 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion:129 Resp: 85806
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





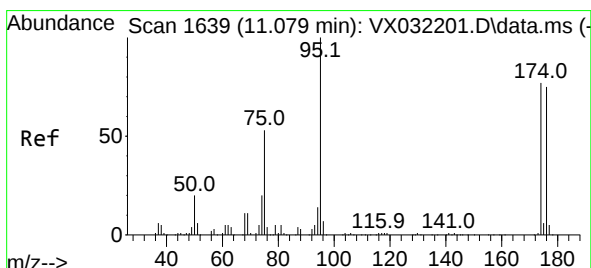
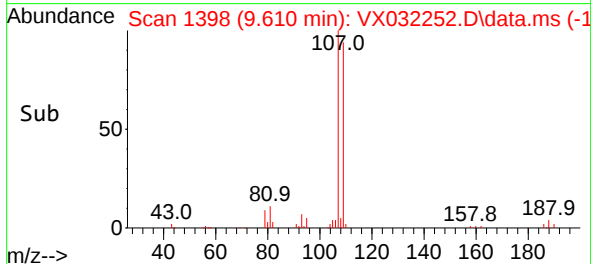
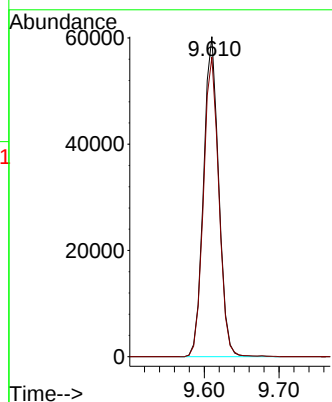
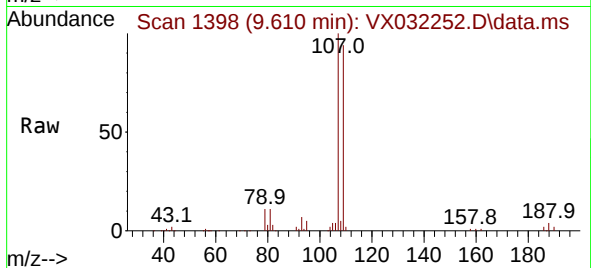
#61
1,2-Dibromoethane
Concen: 57.038 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8474
Ion Ratio Lower Upper
107 100
109 94.9 76.5 114.7

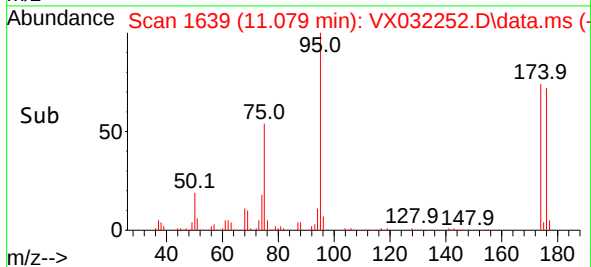
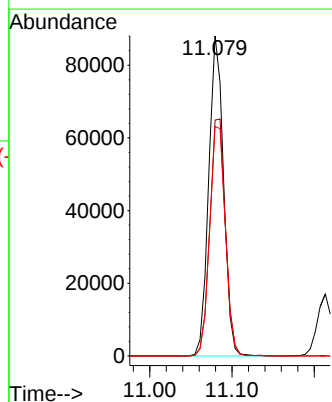
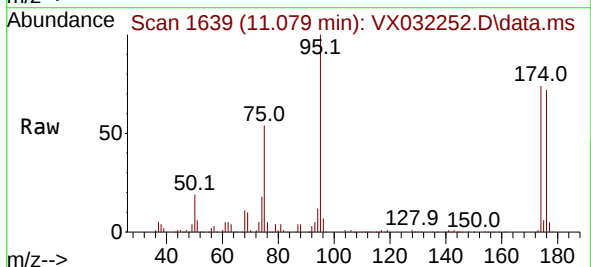
Manual Integrations
APPROVED

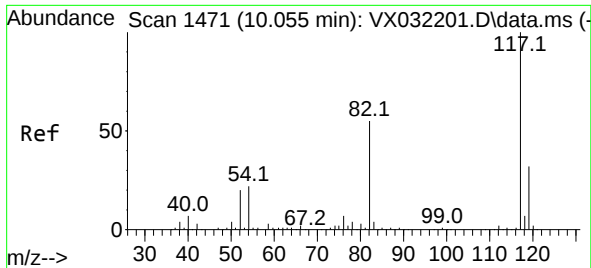
Reviewed By :John Carbone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#62
4-Bromofluorobenzene
Concen: 58.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

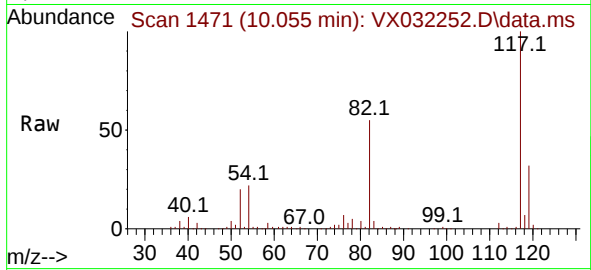
Tgt Ion: 95 Resp: 110059
Ion Ratio Lower Upper
95 100
174 78.1 0.0 166.8
176 76.1 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

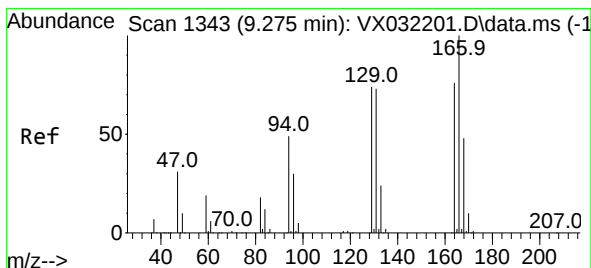
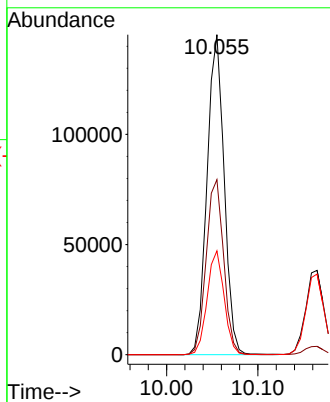
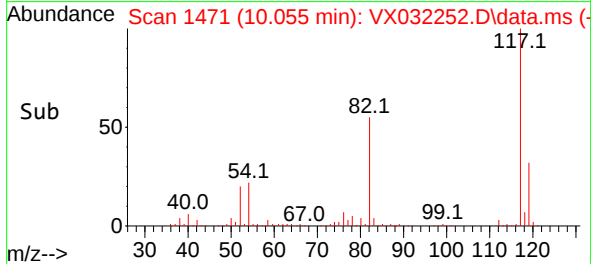
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 18905
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.4
119 32.4 25.8 38.8

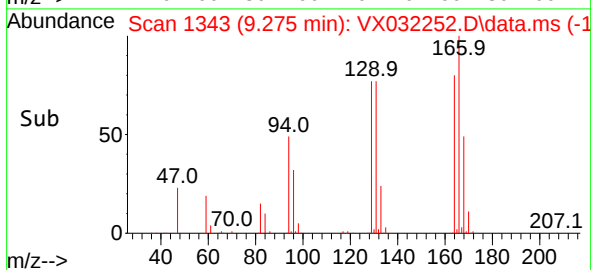
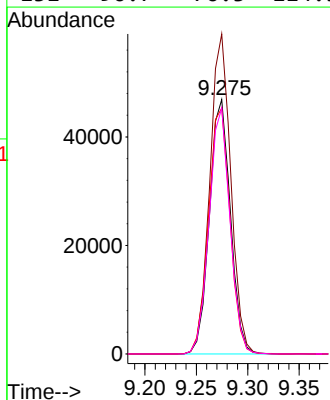
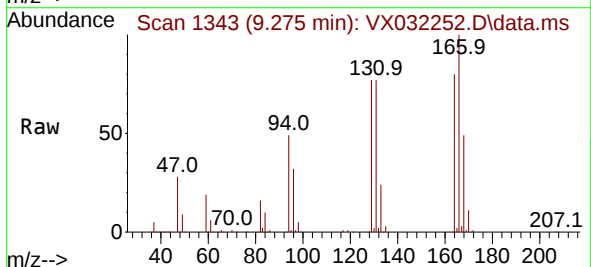
Manual Integrations
APPROVED

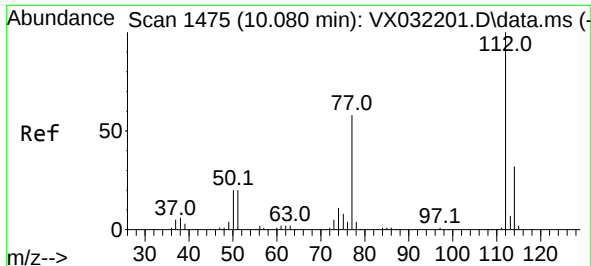
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#64
Tetrachloroethene
Concen: 53.112 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion:164 Resp: 66304
Ion Ratio Lower Upper
164 100
166 125.8 104.9 157.3
129 96.7 77.8 116.6
131 96.7 76.3 114.5





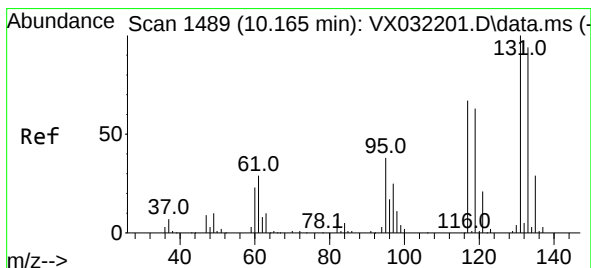
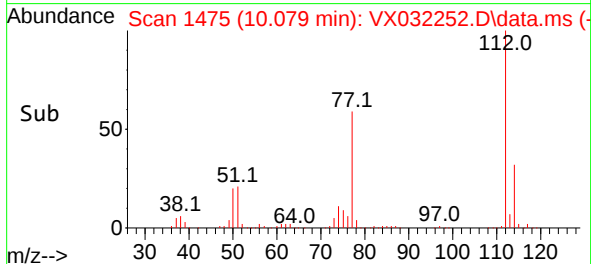
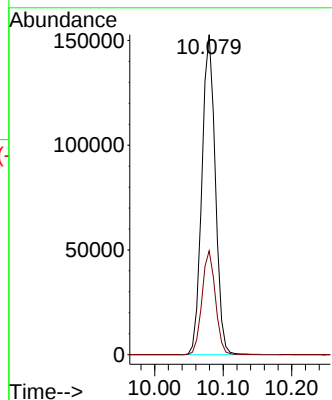
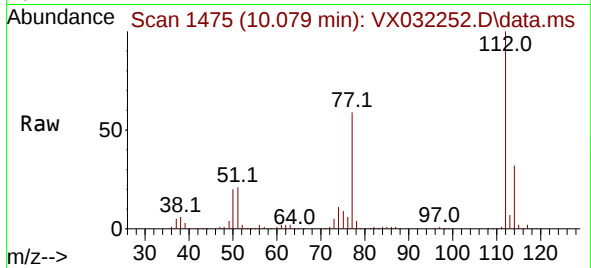
#65
Chlorobenzene
Concen: 53.827 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 20863
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

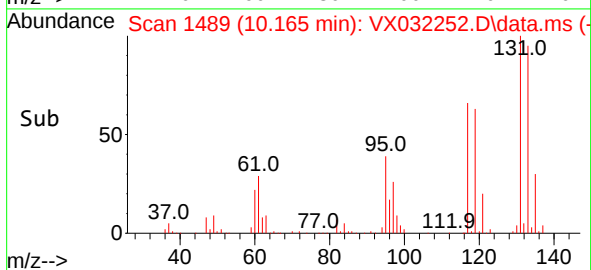
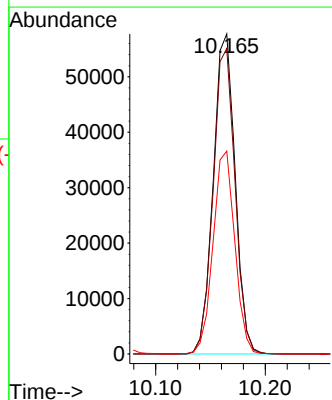
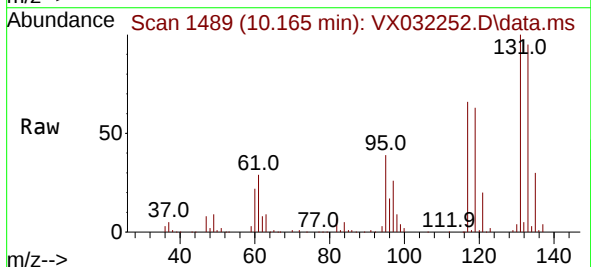
Manual Integrations
APPROVED

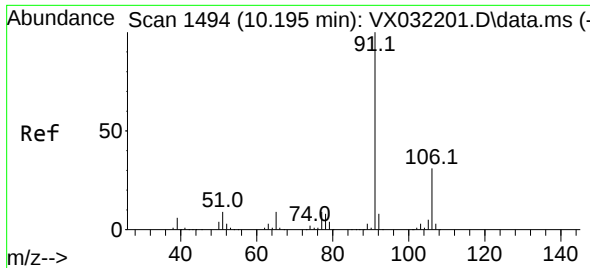
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 57.714 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

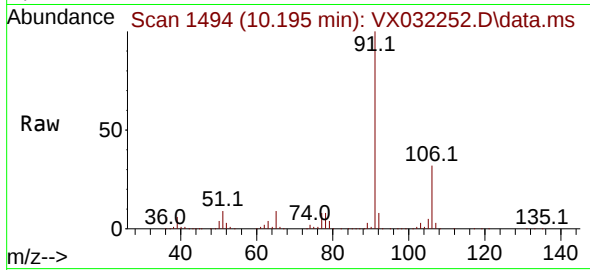
Tgt Ion:131 Resp: 80045
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.8
119 63.3 31.7 95.1





#67
Ethyl Benzene
Concen: 56.298 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

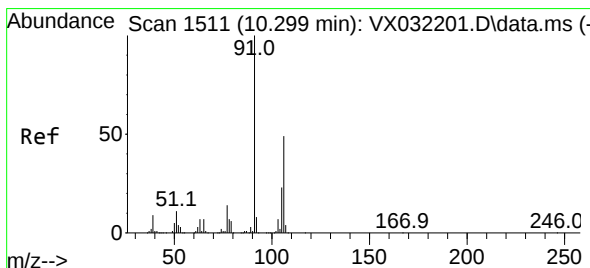
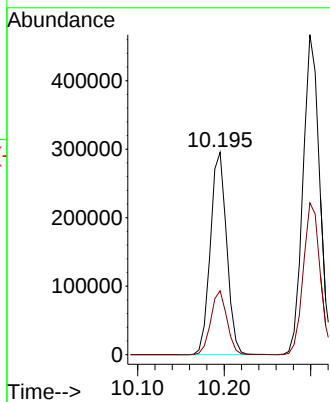
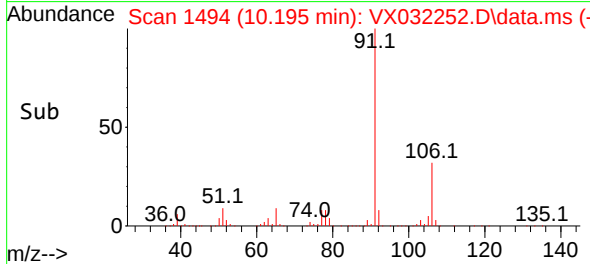
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



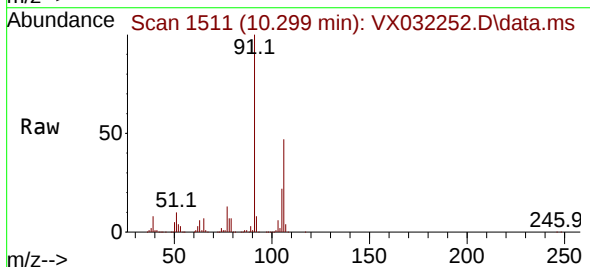
Tgt Ion: 91 Resp: 386340
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

Manual Integrations
APPROVED

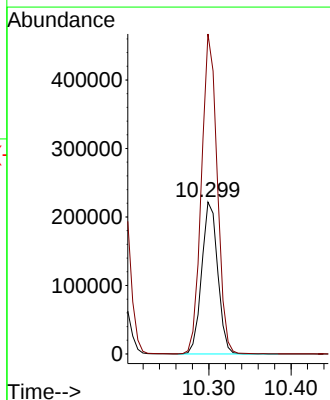
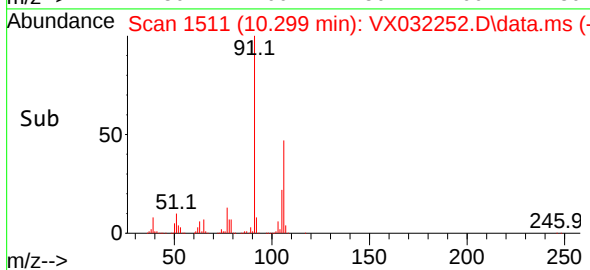
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

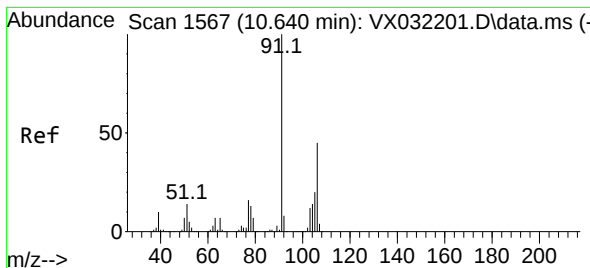


#68
m/p-Xylenes
Concen: 110.520 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



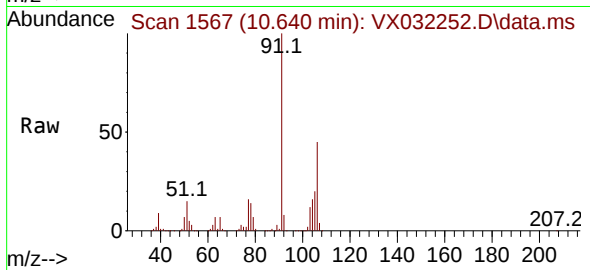
Tgt Ion:106 Resp: 299518
Ion Ratio Lower Upper
106 100
91 207.4 162.6 244.0





#69
o-Xylene
Concen: 56.425 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

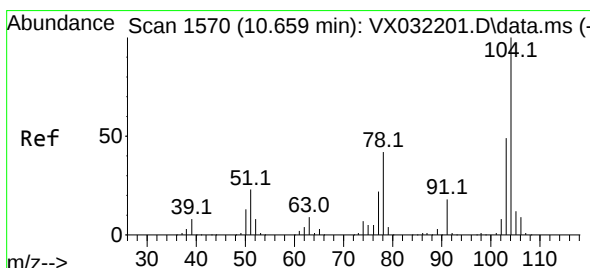
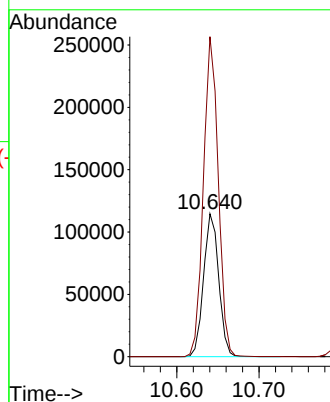
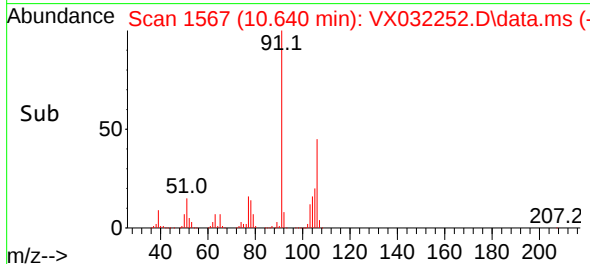
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 146492
Ion Ratio Lower Upper
106 100
91 219.6 108.3 324.9

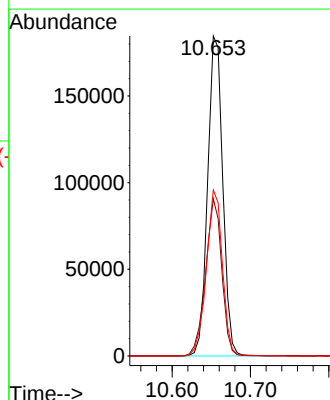
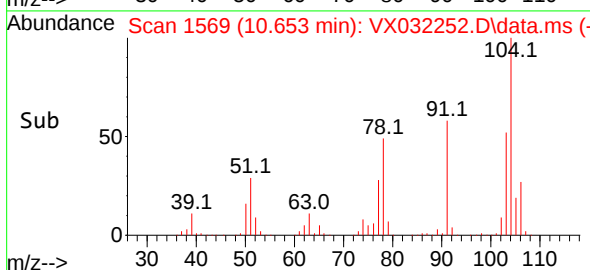
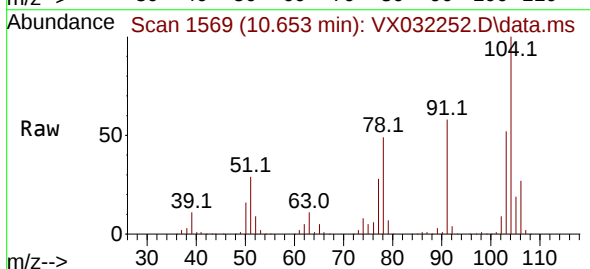
Manual Integrations
APPROVED

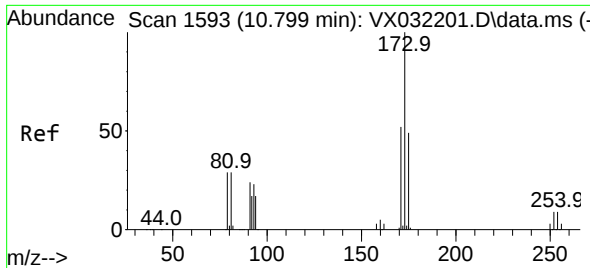
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 56.365 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

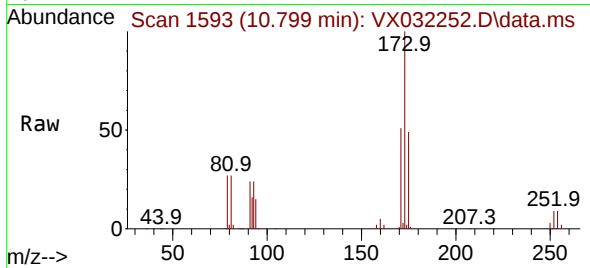
Tgt Ion:104 Resp: 246774
Ion Ratio Lower Upper
104 100
78 52.6 40.8 61.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 51.642 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

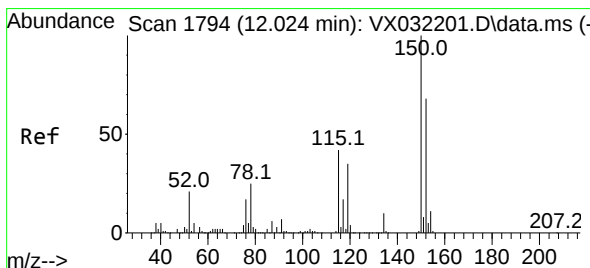
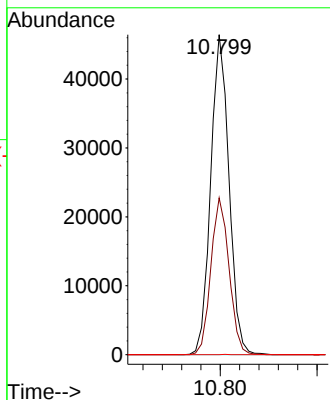
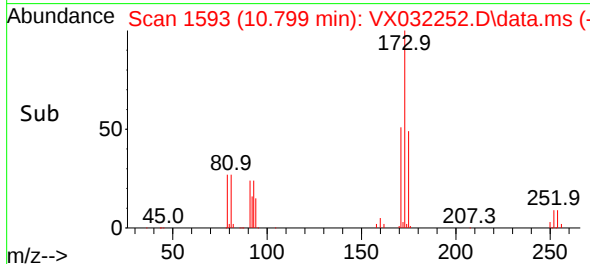
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



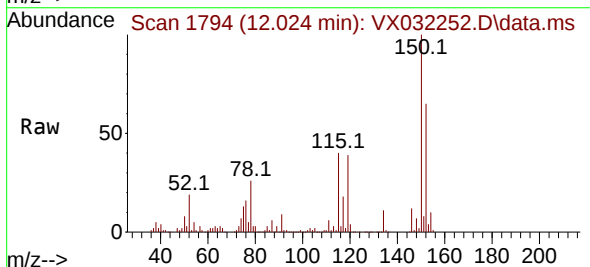
Tgt Ion:173 Resp: 6085
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

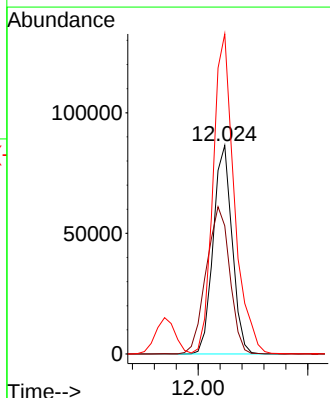
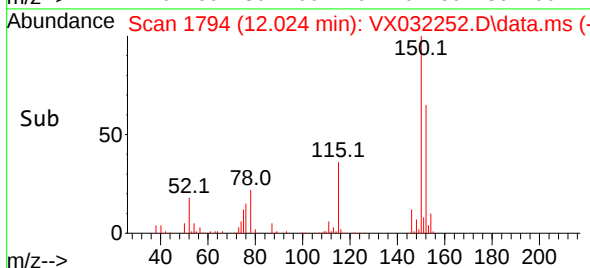
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

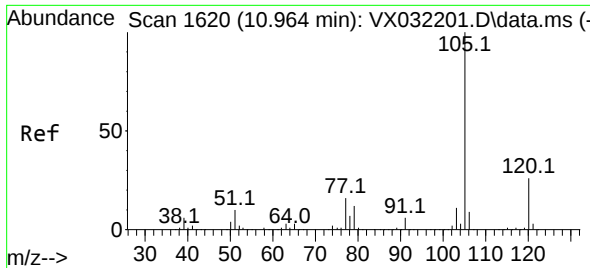


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



Tgt Ion:152 Resp: 103423
Ion Ratio Lower Upper
152 100
115 88.1 43.1 129.4
150 172.3 0.0 348.6





#73
Isopropylbenzene
Concen: 53.738 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

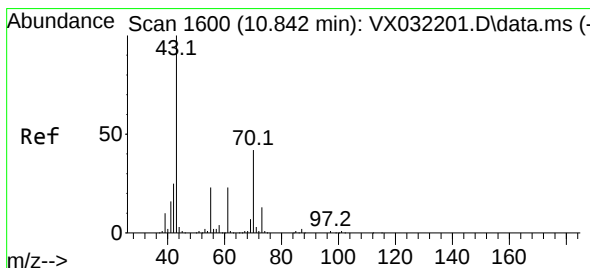
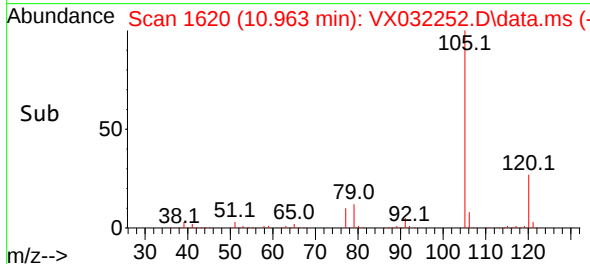
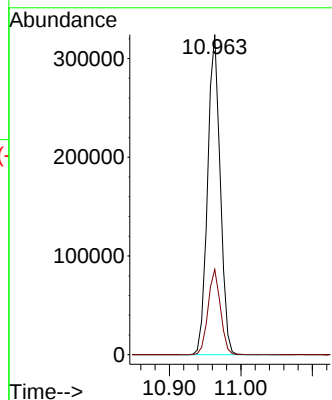
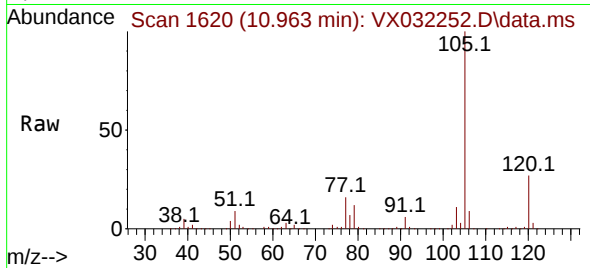
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 396572
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

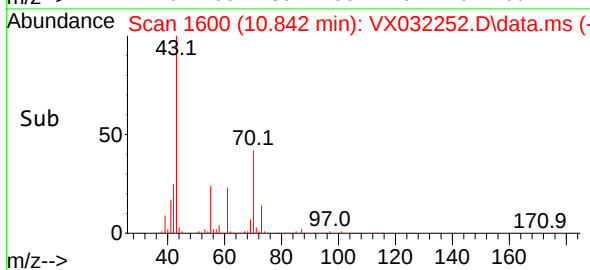
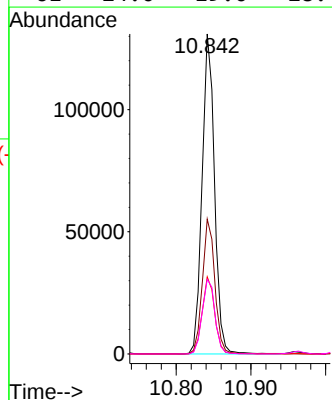
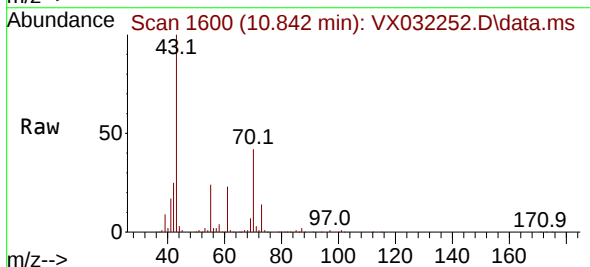
Manual Integrations
APPROVED

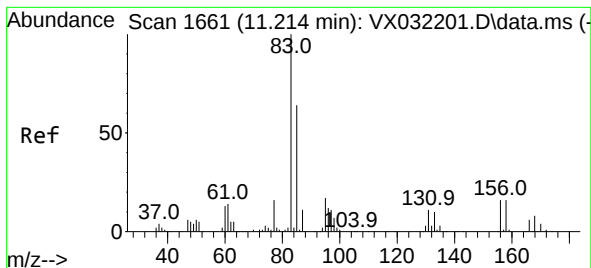
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#74
N-ethyl acetate
Concen: 55.422 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion: 43 Resp: 151099
Ion Ratio Lower Upper
43 100
70 42.4 33.9 50.9
55 24.4 19.1 28.7
61 24.0 19.0 28.4





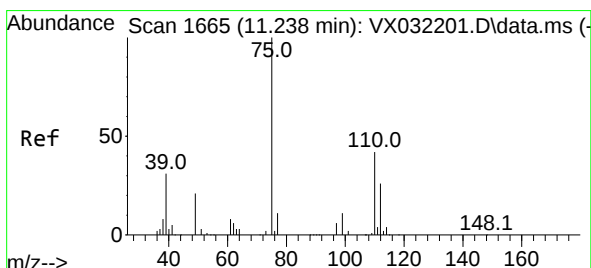
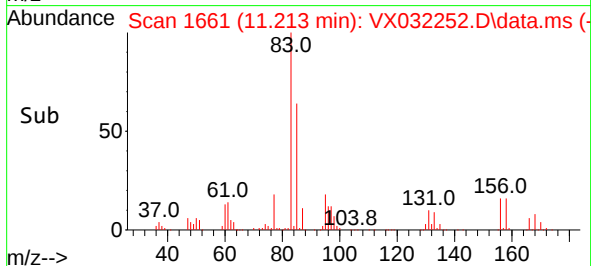
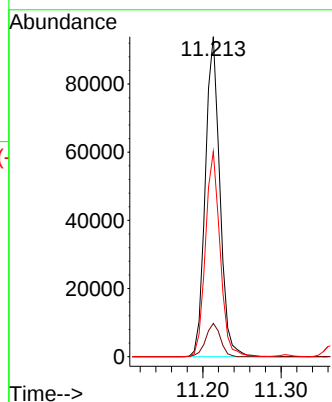
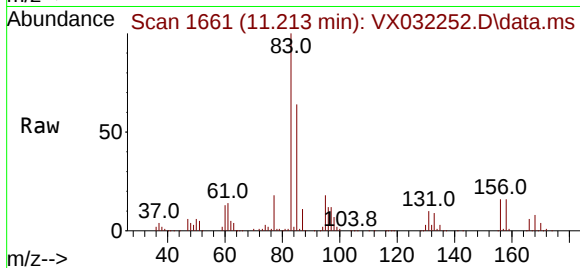
#75
1,1,2,2-Tetrachloroethane
Concen: 51.009 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 121019
Ion Ratio Lower Upper
83 100
131 10.6 5.2 15.6
85 64.2 32.3 96.9

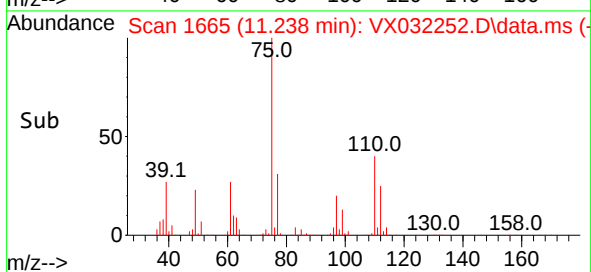
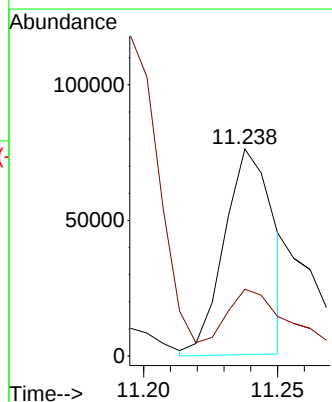
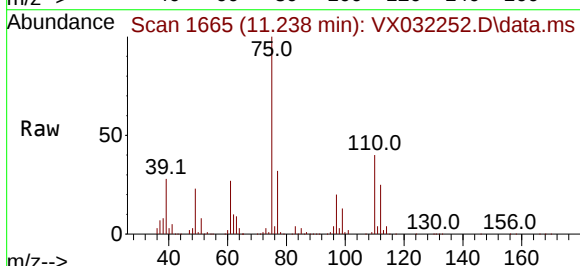
Manual Integrations
APPROVED

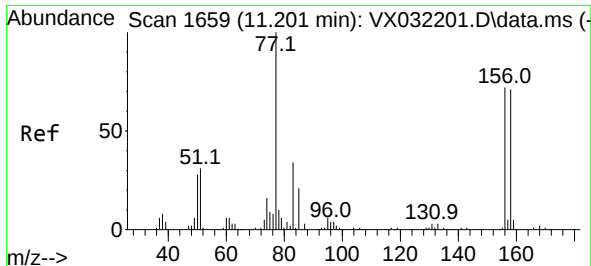
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
1,2,3-Trichloropropane
Concen: 46.951 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

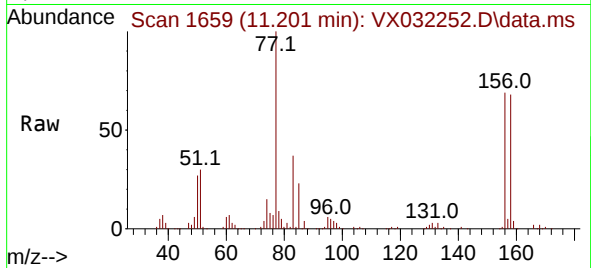
Tgt Ion: 75 Resp: 96215
Ion Ratio Lower Upper
75 100
77 43.8 16.0 47.9





#77
Bromobenzene
Concen: 51.975 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

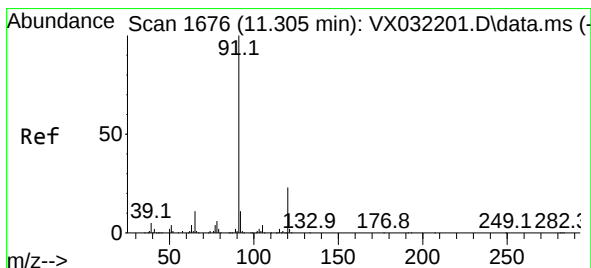
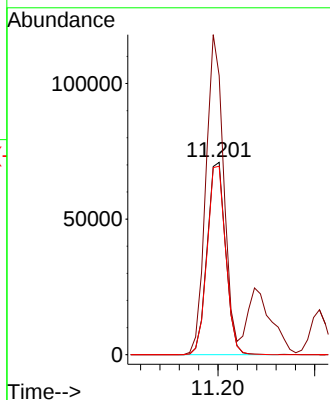
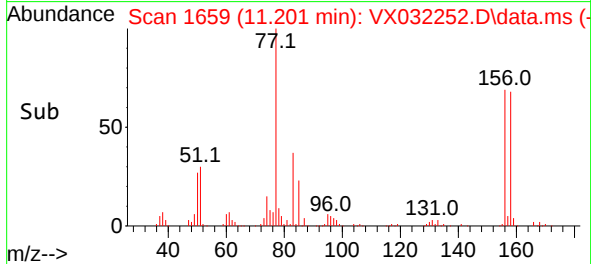
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



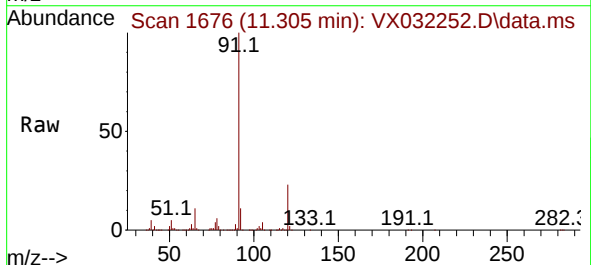
Tgt Ion:156 Resp: 94010
Ion Ratio Lower Upper
156 100
77 160.3 75.5 226.5
158 98.5 49.0 147.0

Manual Integrations
APPROVED

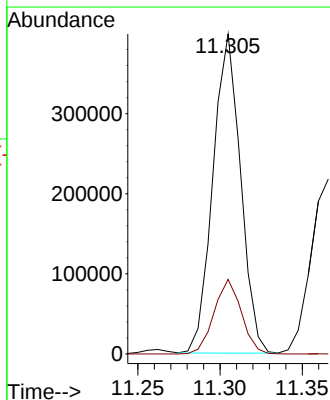
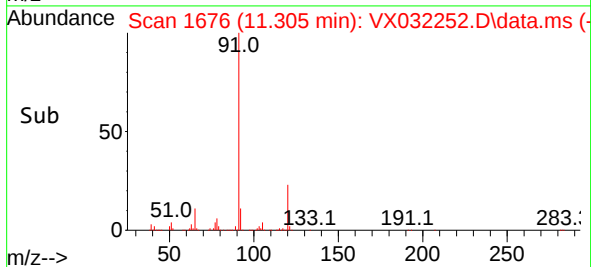
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

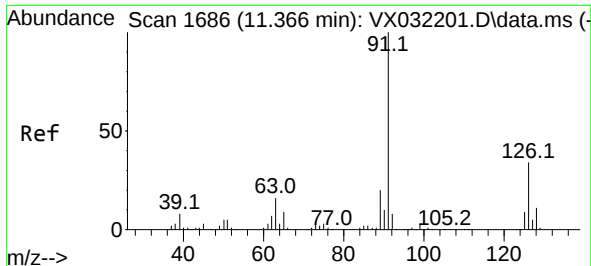


#78
n-propylbenzene
Concen: 55.051 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



Tgt Ion: 91 Resp: 465190
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





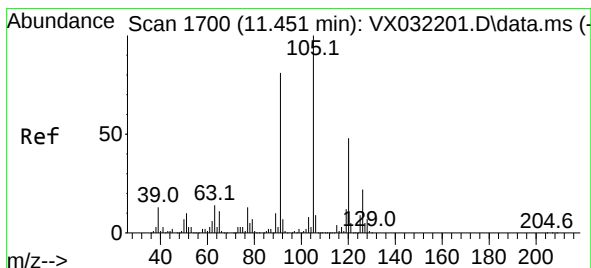
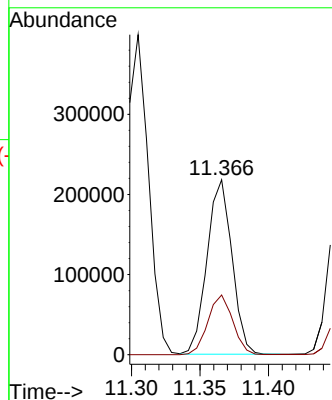
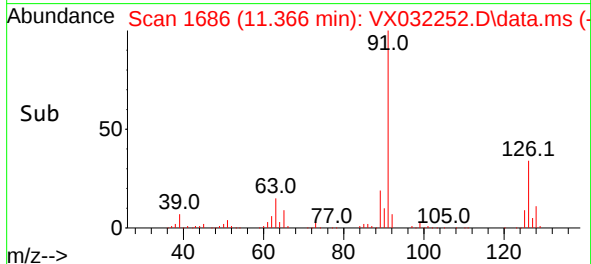
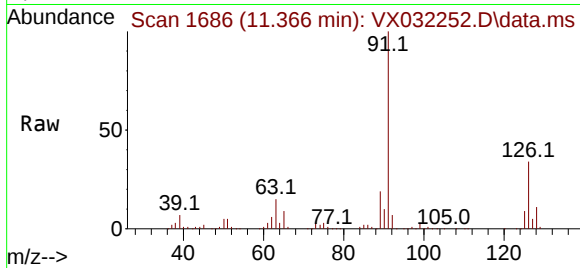
#79
2-Chlorotoluene
Concen: 54.085 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 27544
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

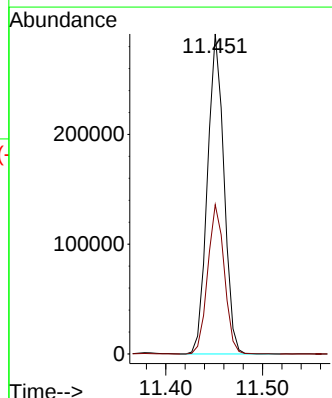
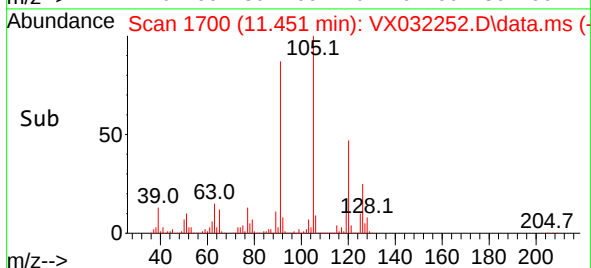
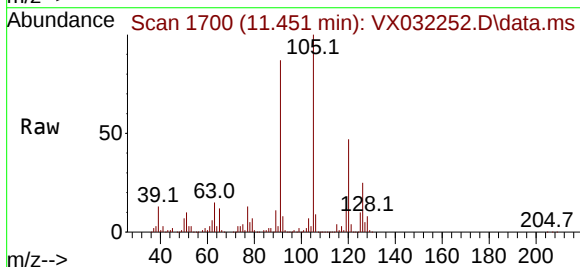
Manual Integrations
APPROVED

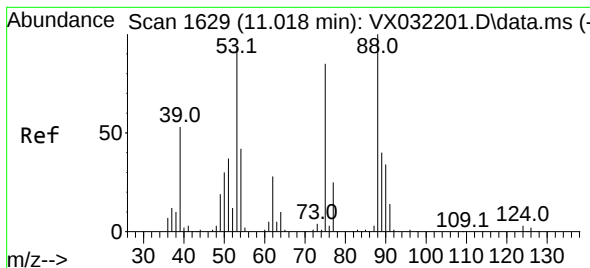
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Tgt Ion:105 Resp: 346315
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.6





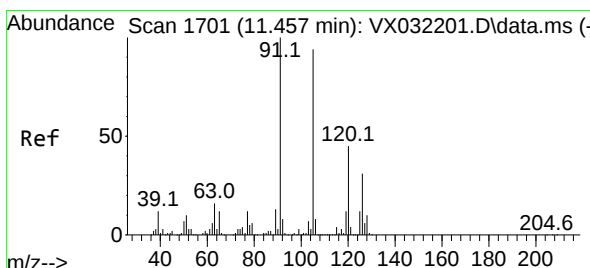
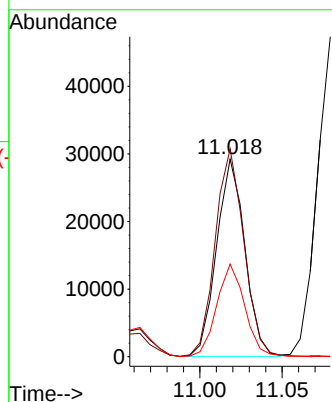
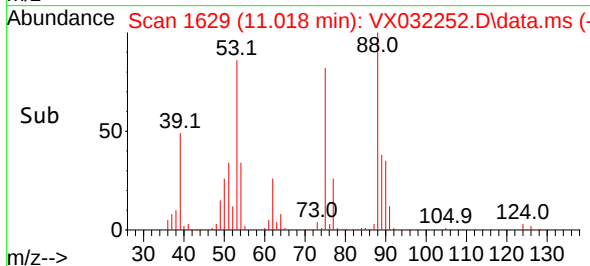
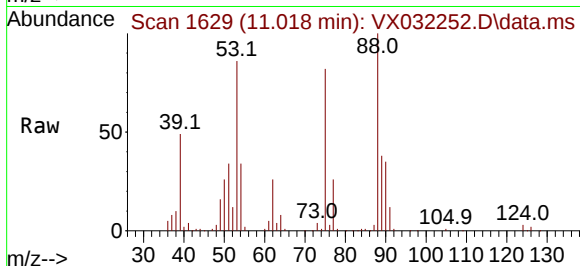
#81
trans-1,4-Dichloro-2-butene
Concen: 53.209 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34829
Ion Ratio Lower Upper
75 100
53 107.4 87.8 131.8
89 46.6 37.8 56.8

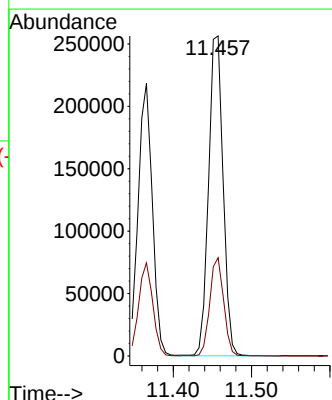
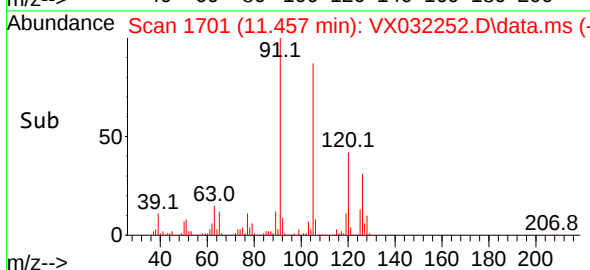
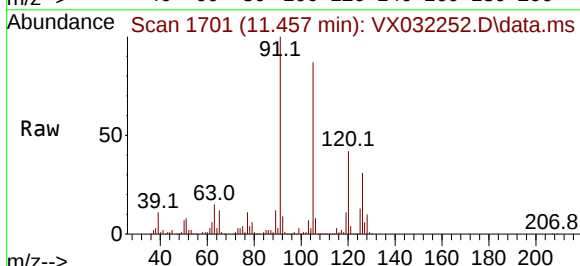
Manual Integrations
APPROVED

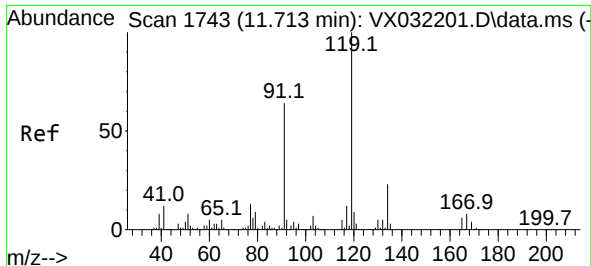
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#82
4-Chlorotoluene
Concen: 55.552 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

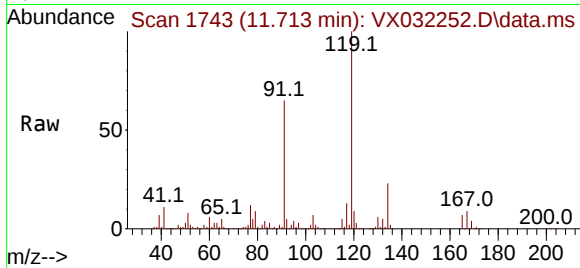
Tgt Ion: 91 Resp: 329385
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.5





#83
tert-Butylbenzene
Concen: 54.383 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

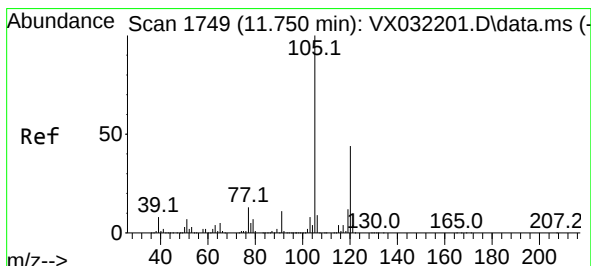
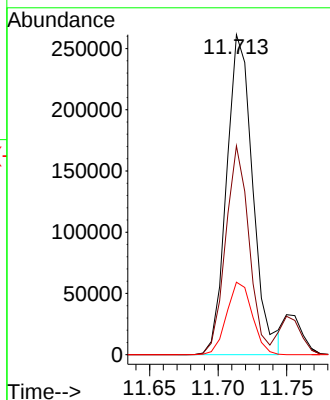
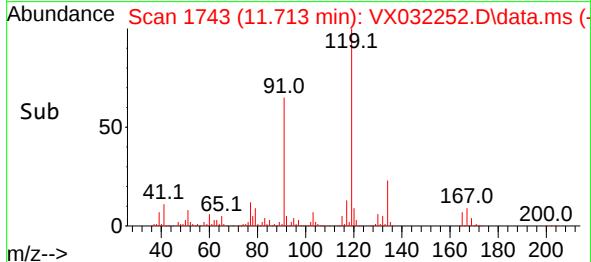
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



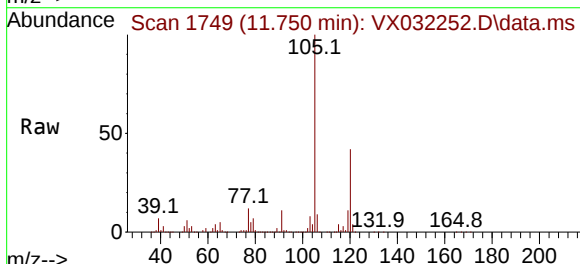
Tgt Ion:119 Resp: 346830
Ion Ratio Lower Upper
119 100
91 58.7 29.1 87.3
134 22.2 11.3 33.8

Manual Integrations
APPROVED

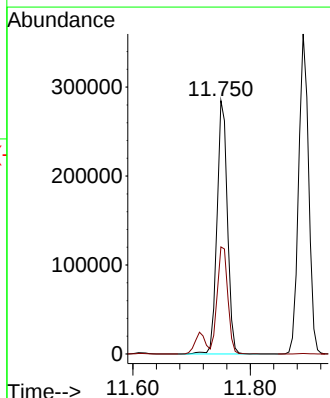
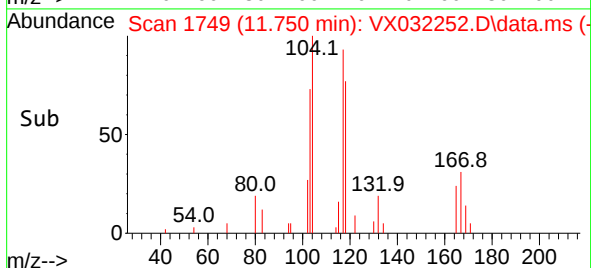
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

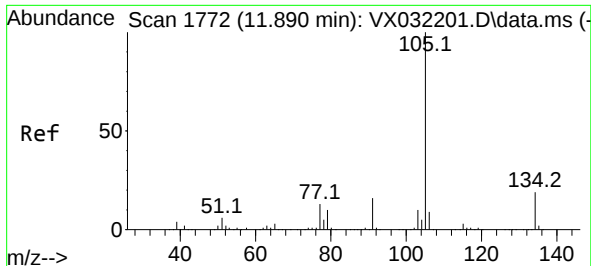


#84
1,2,4-Trimethylbenzene
Concen: 56.124 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



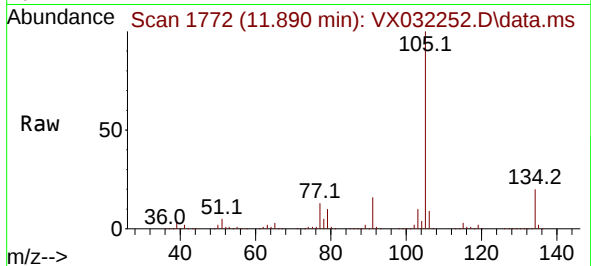
Tgt Ion:105 Resp: 347815
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 55.319 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032252.D
 Acq: 20 Oct 2022 10:44

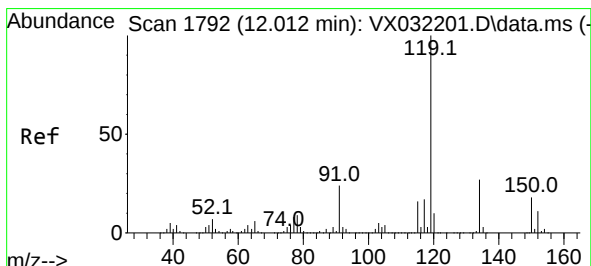
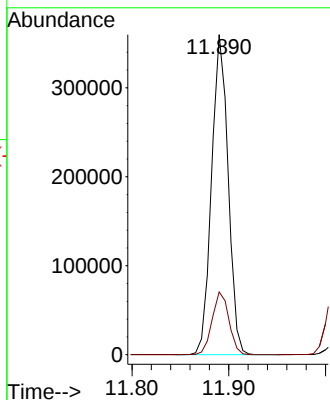
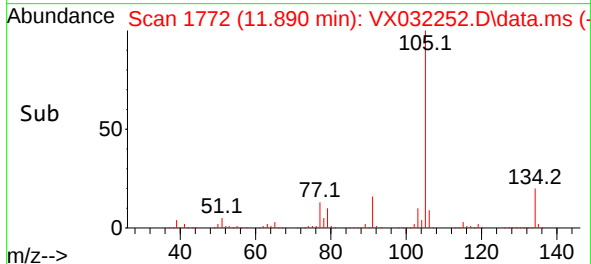
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



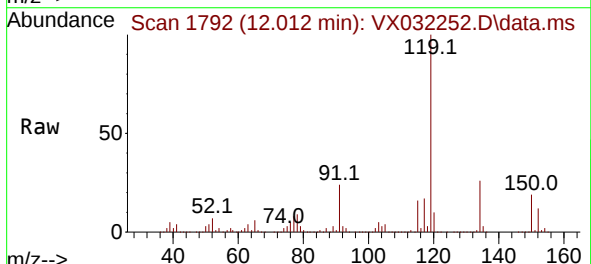
Tgt Ion:105 Resp: 426370
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3

Manual Integrations
 APPROVED

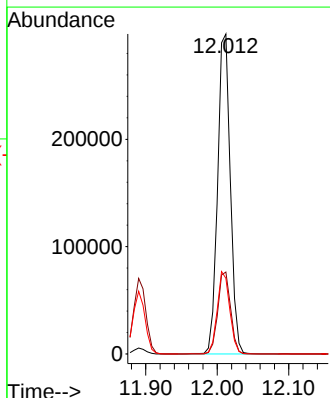
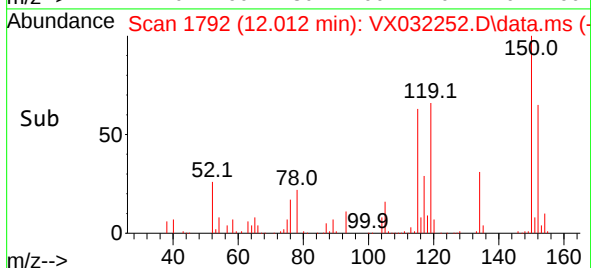
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

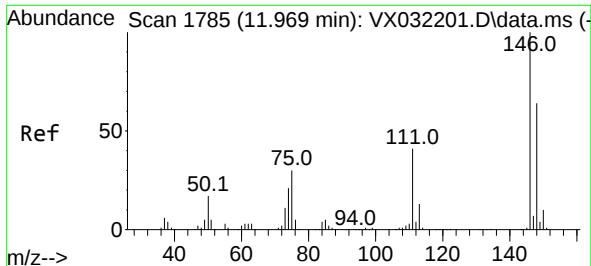


#86
 p-Isopropyltoluene
 Concen: 56.070 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032252.D
 Acq: 20 Oct 2022 10:44



Tgt Ion:119 Resp: 367718
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.077 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 184792

Ion Ratio Lower Upper

146 100

111 41.5 20.3 61.0

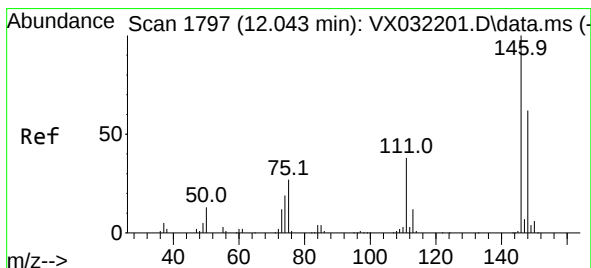
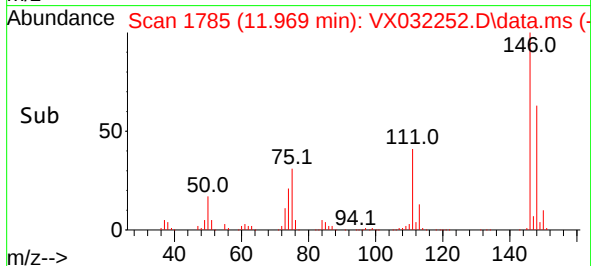
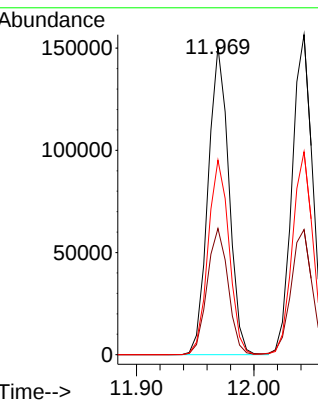
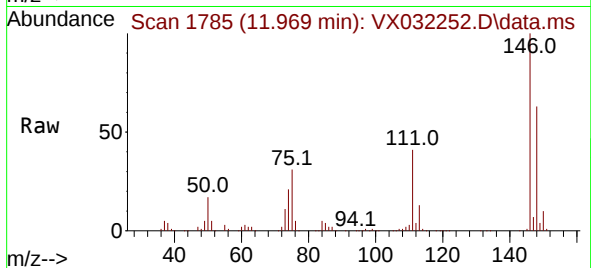
148 63.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#88

1,4-Dichlorobenzene

Concen: 53.260 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

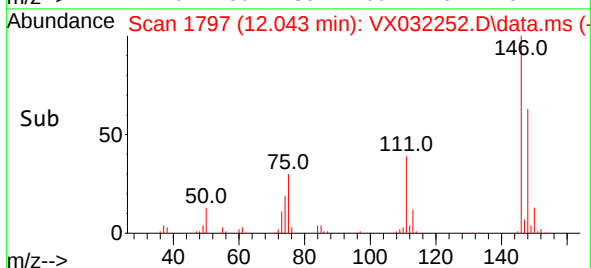
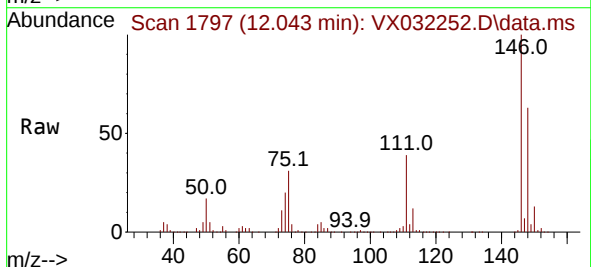
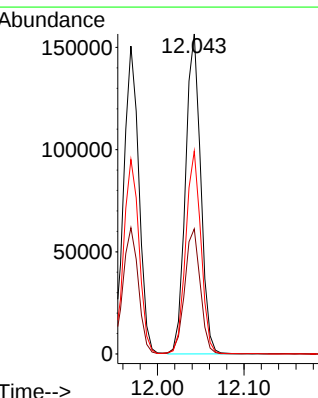
Tgt Ion:146 Resp: 190477

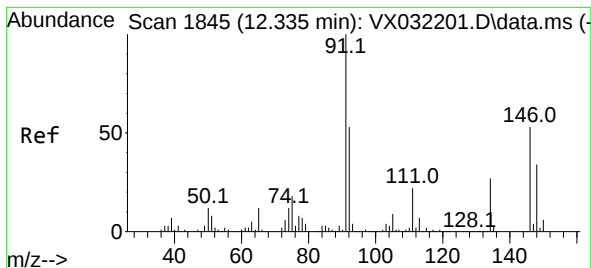
Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

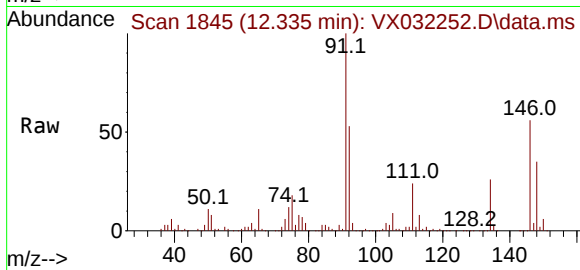
148 63.3 31.9 95.9





#89
n-Butylbenzene
Concen: 56.804 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

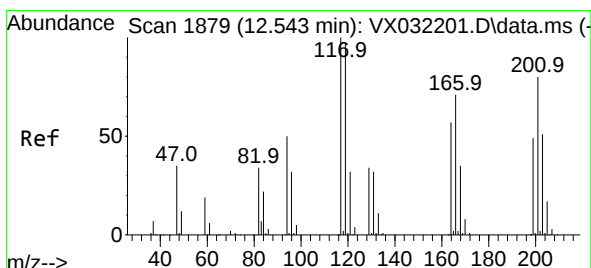
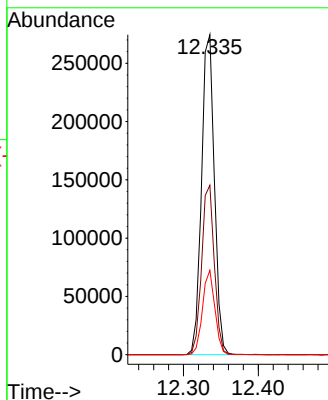
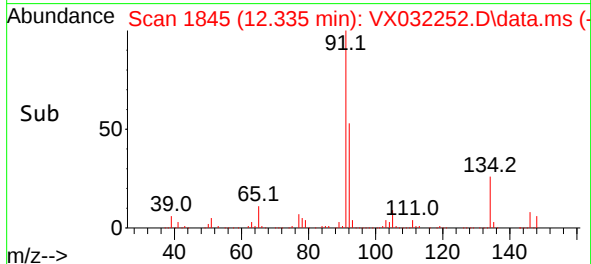
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 328118
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 25.4 13.0 39.0

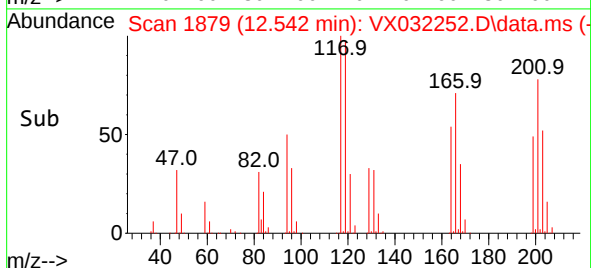
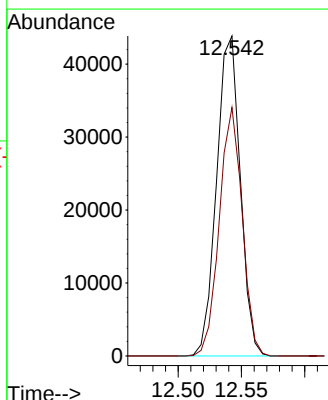
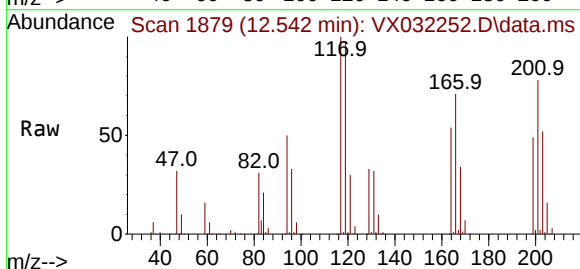
Manual Integrations
APPROVED

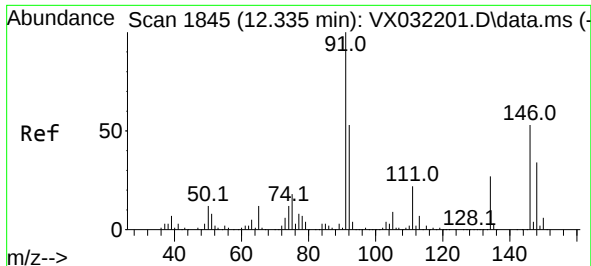
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 55.989 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

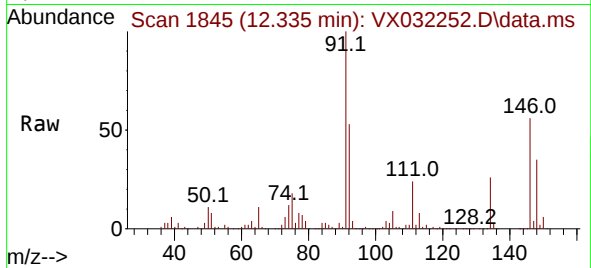
Tgt Ion:117 Resp: 56977
Ion Ratio Lower Upper
117 100
201 75.0 38.5 115.3





#91
1,2-Dichlorobenzene
Concen: 54.086 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

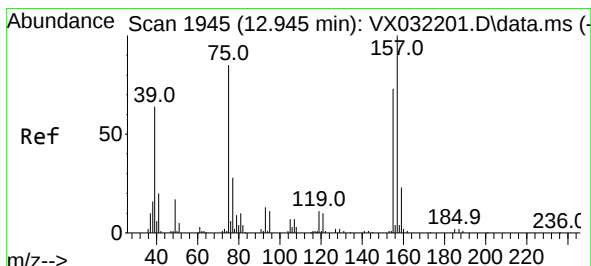
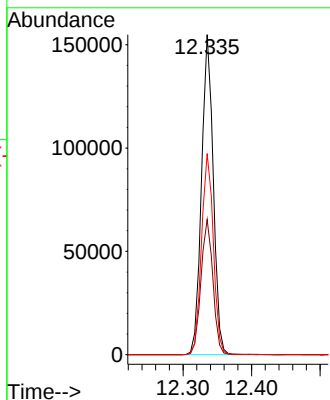
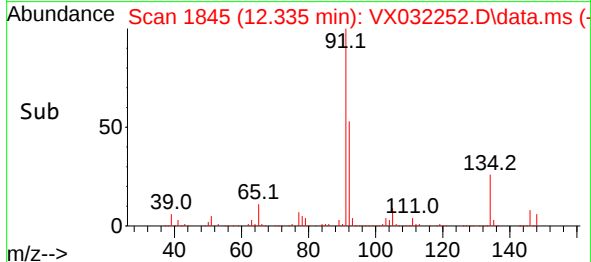
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



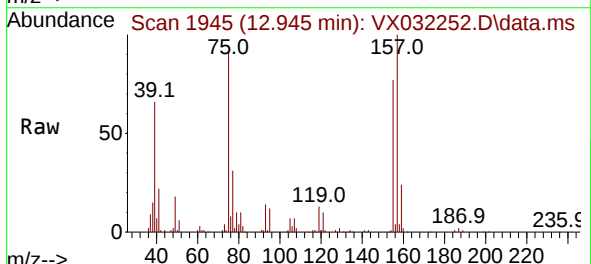
Tgt Ion:146 Resp: 18485
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.1
148 63.6 32.3 96.8

Manual Integrations
APPROVED

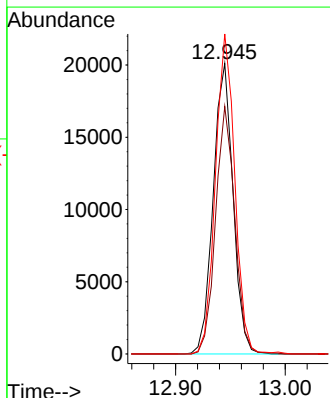
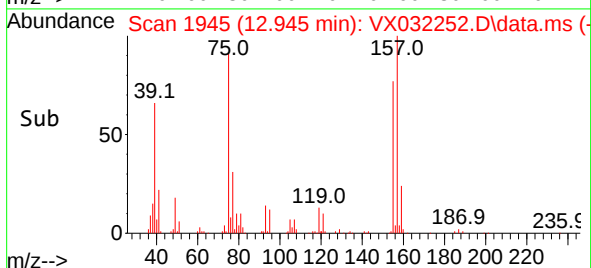
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

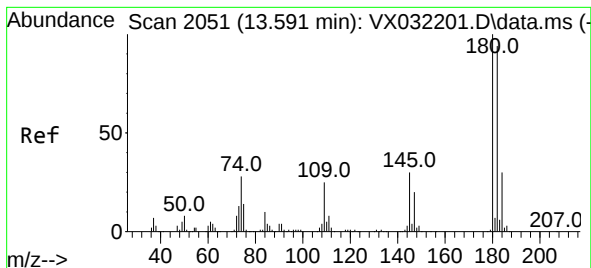


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.007 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



Tgt Ion: 75 Resp: 25315
Ion Ratio Lower Upper
75 100
155 82.6 43.1 129.3
157 107.6 57.1 171.5





#93

1,2,4-Trichlorobenzene

Concen: 53.376 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 11876

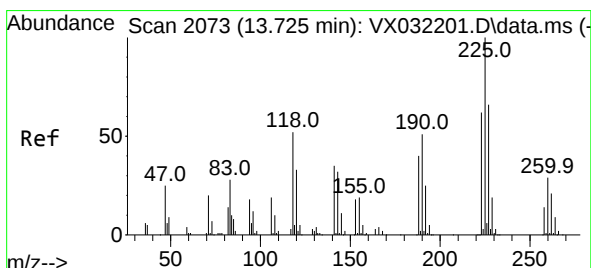
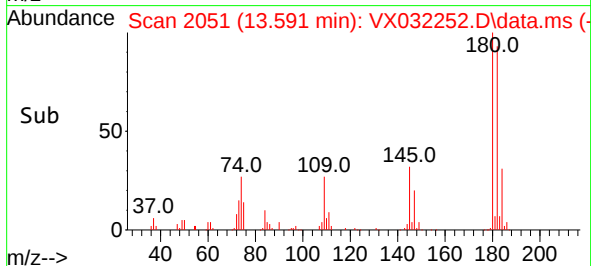
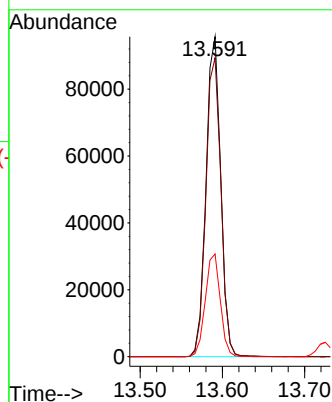
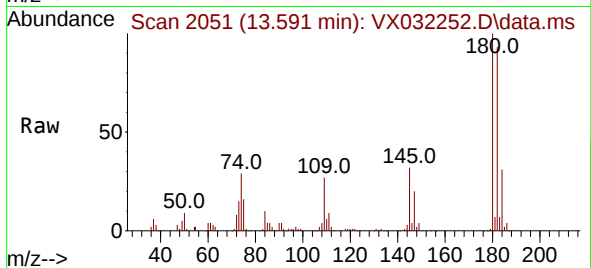
Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	32.8	15.6	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#94

Hexachlorobutadiene

Concen: 52.411 ug/l

RT: 13.725 min Scan# 2073

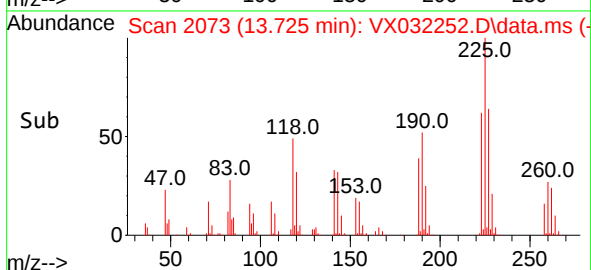
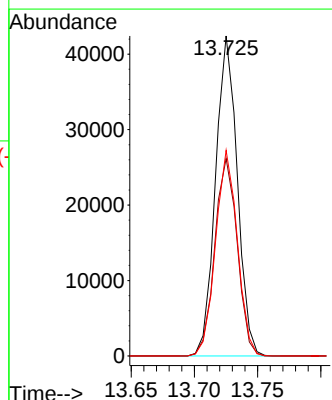
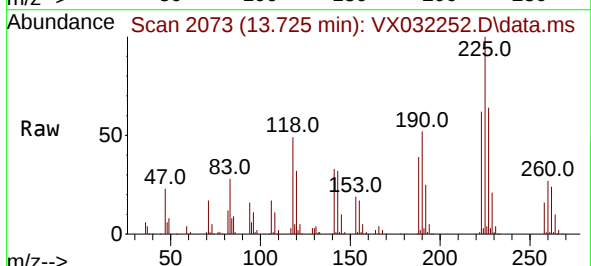
Delta R.T. 0.000 min

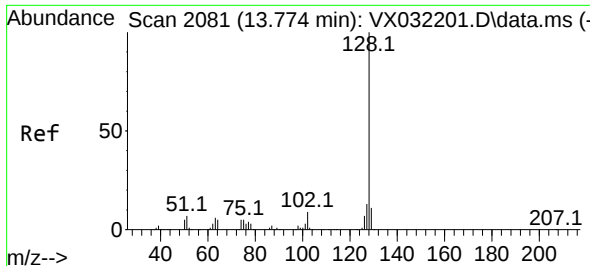
Lab File: VX032252.D

Acq: 20 Oct 2022 10:44

Tgt Ion:225 Resp: 50613

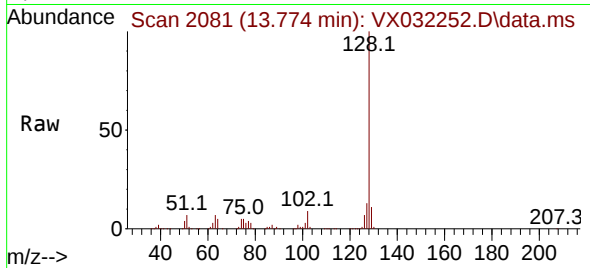
Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.4	94.3
227	64.4	32.0	96.0





#95
Naphthalene
Concen: 53.127 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44

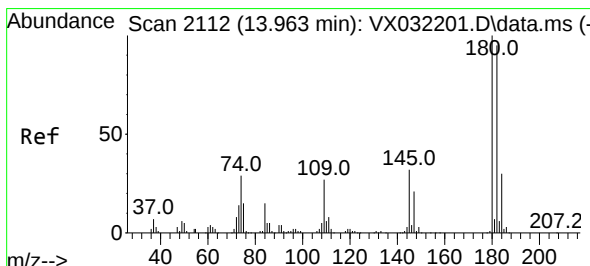
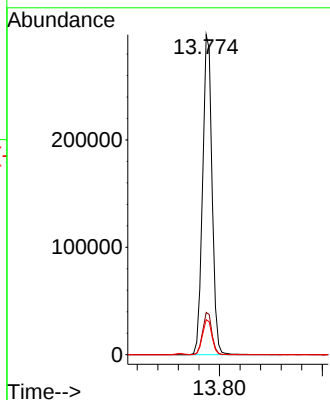
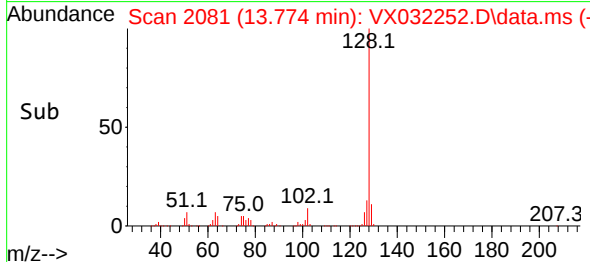
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



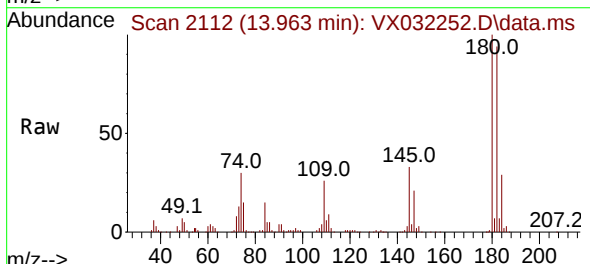
Tgt Ion:128 Resp: 37860
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.662 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032252.D
Acq: 20 Oct 2022 10:44



Tgt Ion:180 Resp: 117855
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 34.2 16.5 49.5

