

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031428.D
 Acq On : 16 Sep 2022 22:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 02:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49114	40.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.080%		
35) Dibromofluoromethane	5.385	113	41630	50.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.140%		
50) Toluene-d8	8.653	98	155387	50.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	11.079	95	53875	47.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	22059	40.885	ug/l	98
3) Chloromethane	1.288	50	33473	45.100	ug/l	100
4) Vinyl Chloride	1.374	62	40493	46.380	ug/l	99
5) Bromomethane	1.612	94	55759	85.163	ug/l	98
6) Chloroethane	1.685	64	62812	90.635	ug/l	95
7) Trichlorofluoromethane	1.886	101	97766	61.088	ug/l	95
8) Diethyl Ether	2.136	74	34869	53.507	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	34111	45.073	ug/l	92
10) Methyl Iodide	2.447	142	26993	33.729	ug/l	98
11) Tert butyl alcohol	2.995	59	52202	196.605	ug/l	97
12) 1,1-Dichloroethene	2.319	96	33055	47.381	ug/l	92
13) Acrolein	2.239	56	19212	135.739	ug/l	98
14) Allyl chloride	2.666	41	52315	33.944	ug/l	94
15) Acrylonitrile	3.069	53	112536	198.934	ug/l	99
16) Acetone	2.392	43	95055	181.541	ug/l	96
17) Carbon Disulfide	2.514	76	73600	44.191	ug/l	100
18) Methyl Acetate	2.709	43	58742	37.833	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	131917	40.832	ug/l	98
20) Methylene Chloride	2.788	84	39482	47.986	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	37698	48.023	ug/l	95
22) Diisopropyl ether	3.764	45	130707	40.528	ug/l	94
23) Vinyl Acetate	3.727	43	562065	209.705	ug/l	98
24) 1,1-Dichloroethane	3.611	63	71029	41.965	ug/l	96
25) 2-Butanone	4.562	43	162939	188.662	ug/l	99
26) 2,2-Dichloropropane	4.477	77	50716	31.583	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	46369	45.123	ug/l	90
28) Bromochloromethane	4.904	49	31063	39.374	ug/l	91
29) Tetrahydrofuran	5.013	42	106445	198.975	ug/l	97
30) Chloroform	5.099	83	79208	44.193	ug/l	96
31) Cyclohexane	5.477	56	57715	43.800	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	70215	43.721	ug/l	100
36) 1,1-Dichloropropene	5.696	75	54285	48.178	ug/l	98
37) Ethyl Acetate	4.721	43	63405	42.821	ug/l	99
38) Carbon Tetrachloride	5.684	117	60797	49.639	ug/l	99
39) Methylcyclohexane	7.385	83	60543	48.791	ug/l	93
40) Benzene	6.038	78	161761	49.994	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
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Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	33432	41.678	ug/l	95
42) 1,2-Dichloroethane	6.086	62	62497	47.886	ug/l	98
43) Isopropyl Acetate	6.342	43	106837	42.270	ug/l	99
44) Trichloroethene	7.129	130	45884	55.620	ug/l	91
45) 1,2-Dichloropropane	7.434	63	41747	47.129	ug/l	95
46) Dibromomethane	7.586	93	32536	51.794	ug/l	94
47) Bromodichloromethane	7.824	83	62767	48.039	ug/l	98
48) Methyl methacrylate	7.696	41	47229	41.048	ug/l	92
49) 1,4-Dioxane	7.696	88	22616	980.138	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	355984	231.715	ug/l	99
52) Toluene	8.720	92	110540	54.007	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65277	44.395	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68819	45.545	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	48038	53.167	ug/l	98
56) Ethyl methacrylate	9.116	69	69854	47.759	ug/l	95
57) 1,3-Dichloropropane	9.311	76	77537	49.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	146748	215.336	ug/l	95
59) 2-Hexanone	9.433	43	274133	233.792	ug/l	100
60) Dibromochloromethane	9.525	129	50872	52.226	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50113	54.053	ug/l	98
64) Tetrachloroethene	9.275	164	43672	55.385	ug/l	94
65) Chlorobenzene	10.080	112	122646	53.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46064	51.186	ug/l	97
67) Ethyl Benzene	10.195	91	216214	52.262	ug/l	100
68) m/p-Xylenes	10.305	106	170913	108.799	ug/l	99
69) o-Xylene	10.640	106	84569	53.003	ug/l	97
70) Styrene	10.659	104	143550	55.327	ug/l	98
71) Bromoform	10.799	173	37441	52.260	ug/l #	100
73) Isopropylbenzene	10.964	105	225174	47.541	ug/l	99
74) N-amyl acetate	10.842	43	98618	41.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	77640	45.613	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68321m	42.278	ug/l	
77) Bromobenzene	11.201	156	54041	50.040	ug/l	95
78) n-propylbenzene	11.305	91	260763	46.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	151794	44.630	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	192187	48.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20979	35.922	ug/l	94
82) 4-Chlorotoluene	11.457	91	181620	46.588	ug/l	99
83) tert-Butylbenzene	11.720	119	189747	47.793	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	190294	48.248	ug/l	98
85) sec-Butylbenzene	11.890	105	240361	48.349	ug/l	99
86) p-Isopropyltoluene	12.012	119	201398	49.714	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105646	51.310	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110485	52.210	ug/l	98
89) n-Butylbenzene	12.335	91	174886	48.683	ug/l	98
90) Hexachloroethane	12.543	117	35752	44.192	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	108714	51.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17029	43.376	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	62495	55.057	ug/l	97
94) Hexachlorobutadiene	13.725	225	22784	51.420	ug/l	100
95) Naphthalene	13.774	128	230936	50.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64202	52.817	ug/l	98

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VSTDCCC050

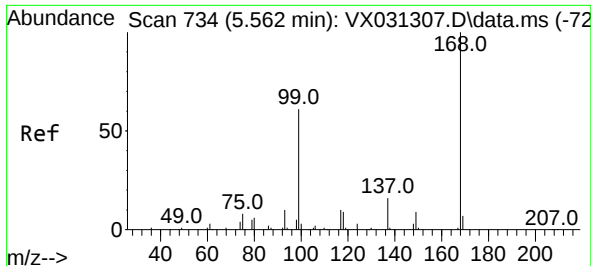
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 02:50:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

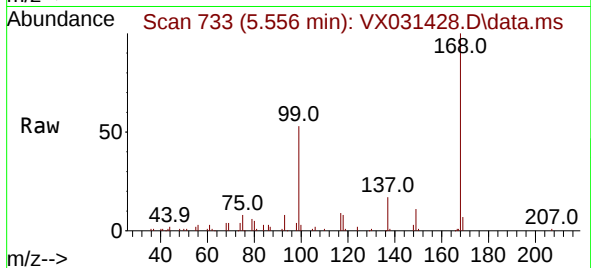
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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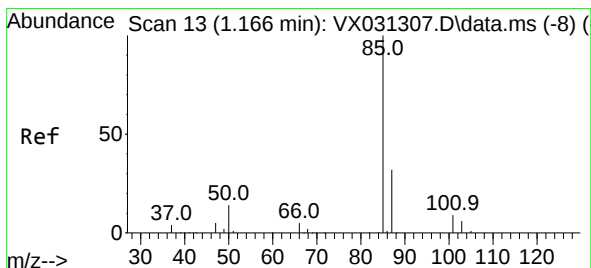
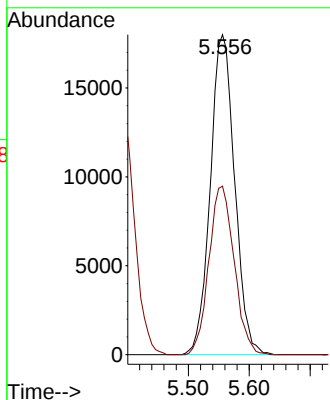
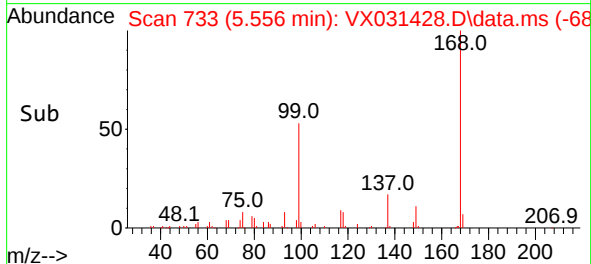
Instrument :
MSVOA_X
ClientSampleId :
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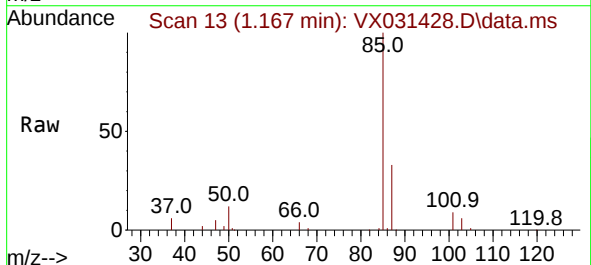
Tgt Ion:168 Resp: 49969
Ion Ratio Lower Upper
168 100
99 52.6 48.8 73.2

Manual Integrations
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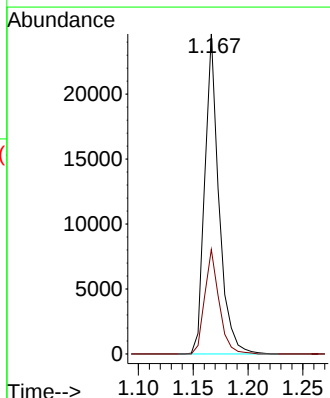
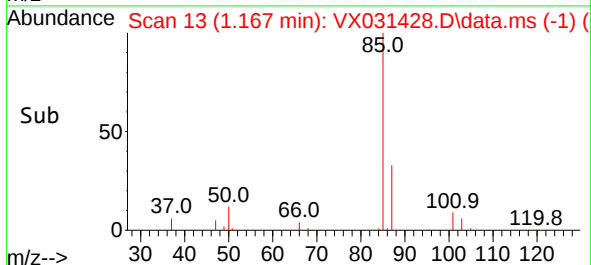
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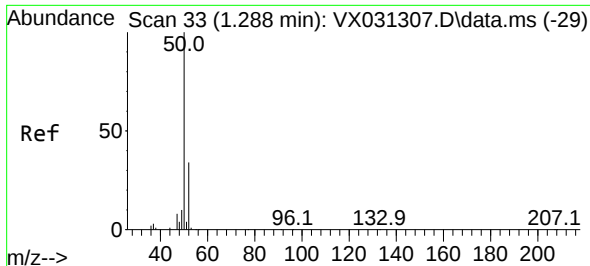


#2
Dichlorodifluoromethane
Concen: 40.885 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



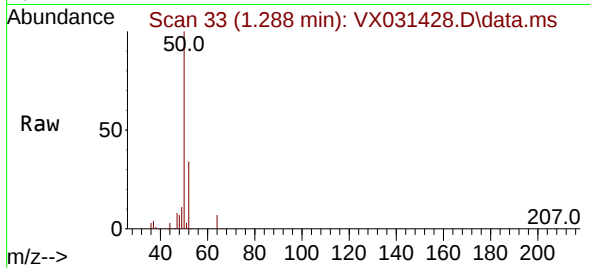
Tgt Ion: 85 Resp: 22059
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 45.100 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

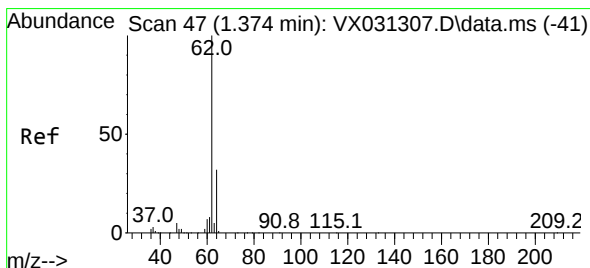
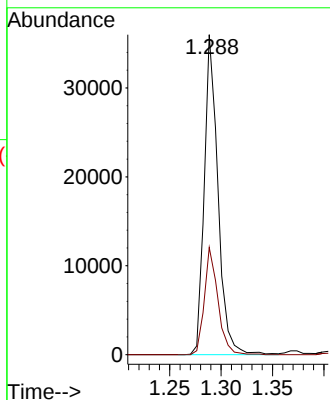
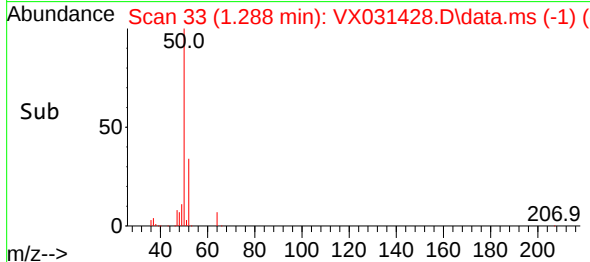
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 3347
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

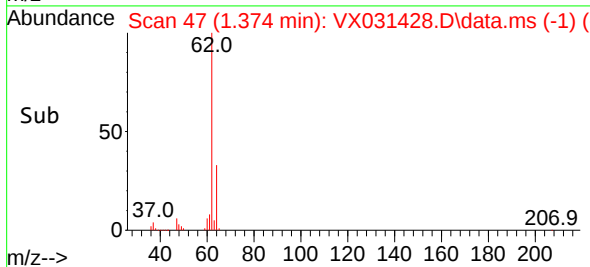
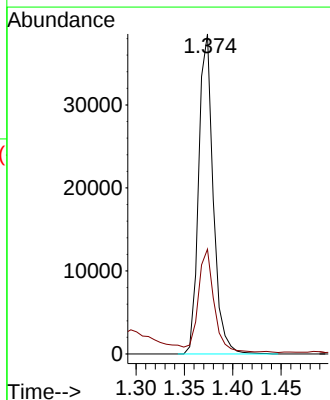
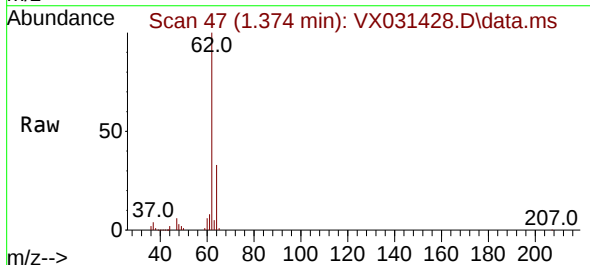
Manual Integrations
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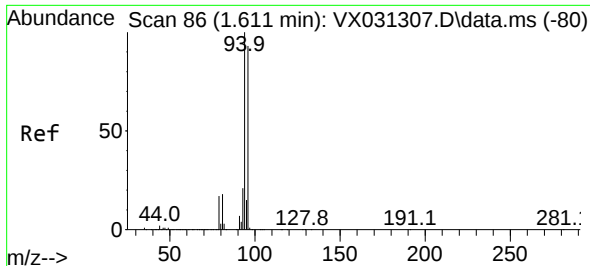
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#4
Vinyl Chloride
Concen: 46.380 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

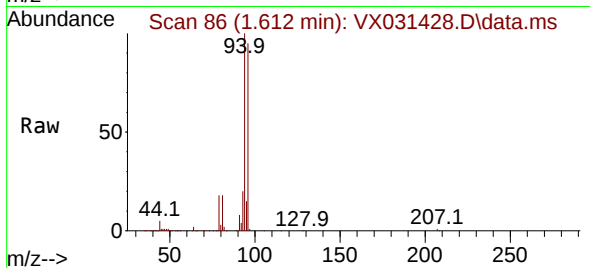
Tgt Ion: 62 Resp: 40493
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9





#5
Bromomethane
Concen: 85.163 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

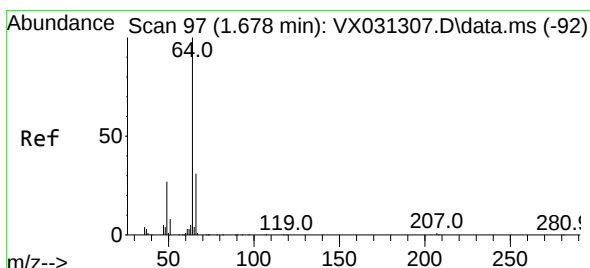
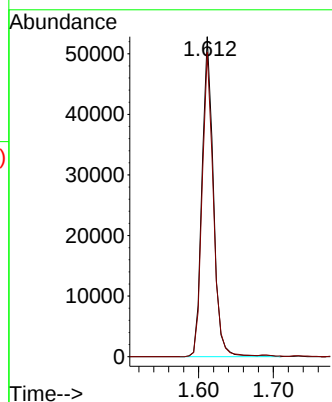
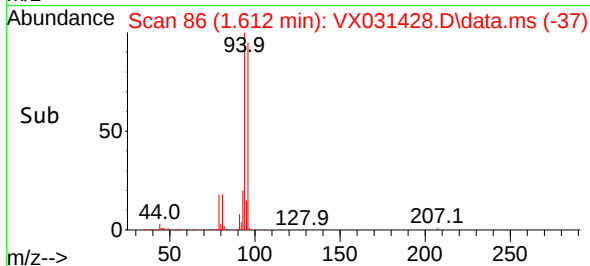
Instrument :
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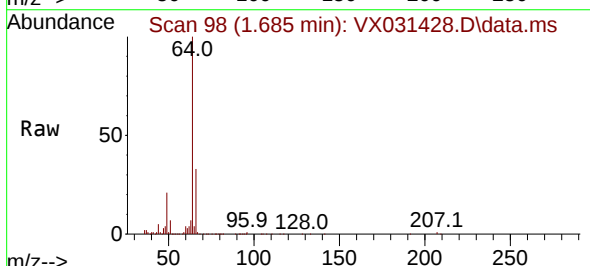
Tgt Ion: 94 Resp: 55759
Ion Ratio Lower Upper
94 100
96 95.1 74.4 111.6

Manual Integrations
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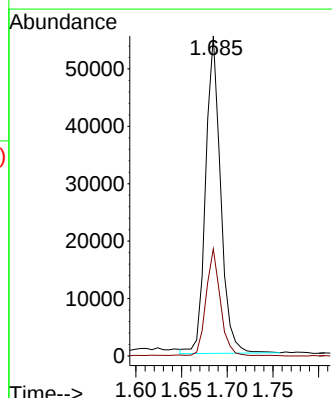
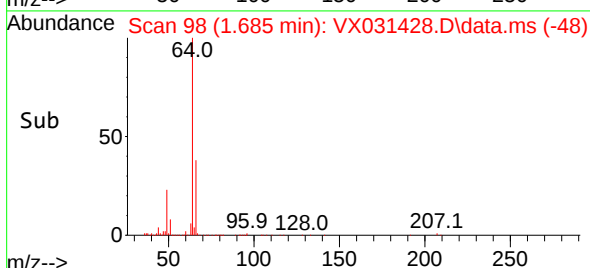
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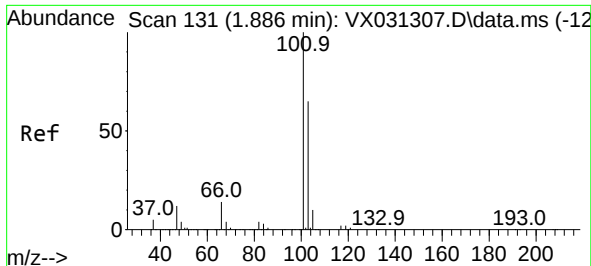


#6
Chloroethane
Concen: 90.635 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion: 64 Resp: 62812
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.4





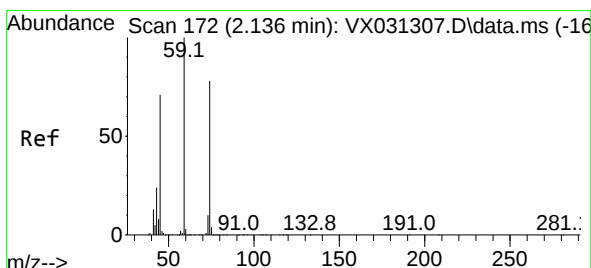
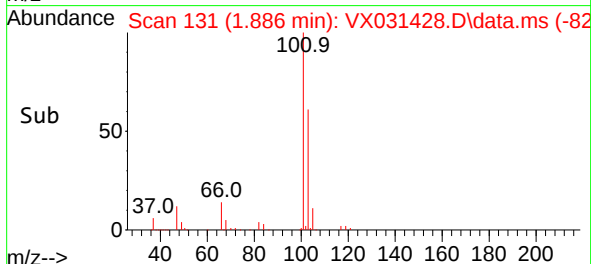
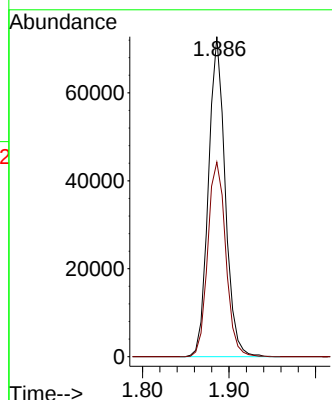
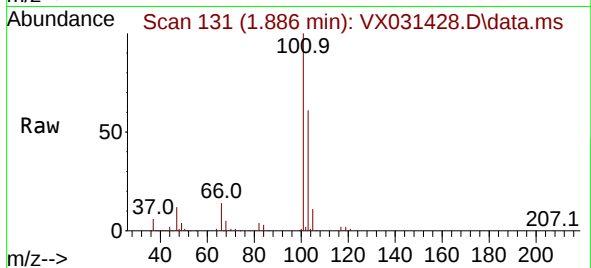
#7
 Trichlorofluoromethane
 Concen: 61.088 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 97760
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.8 77.6

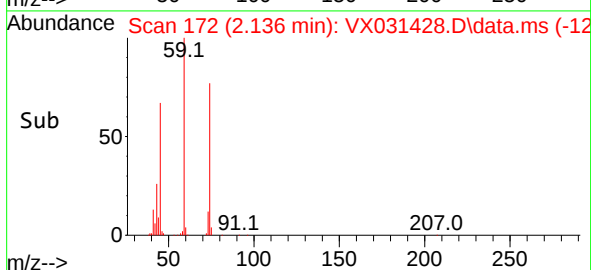
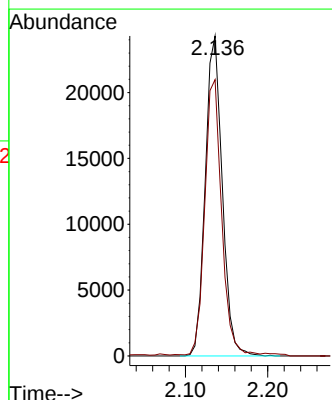
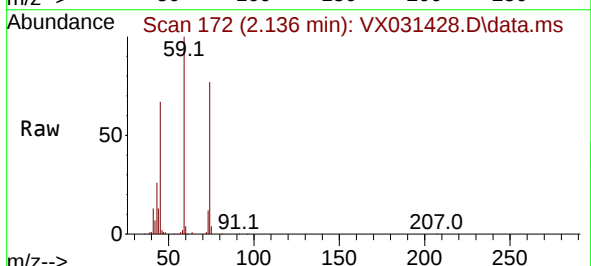
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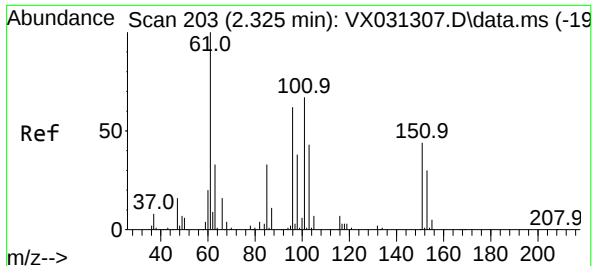
Reviewed By :John Carlone 09/17/2022
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#8
 Diethyl Ether
 Concen: 53.507 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031428.D
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Tgt Ion: 74 Resp: 34869
 Ion Ratio Lower Upper
 74 100
 45 84.6 48.5 145.6





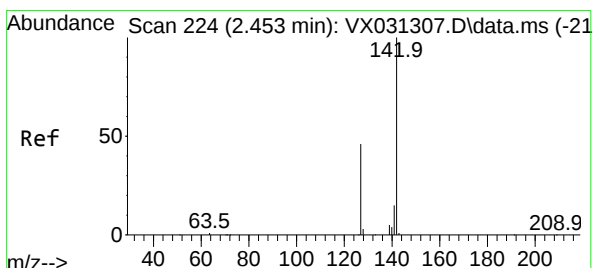
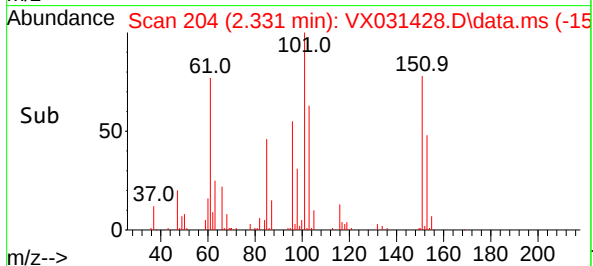
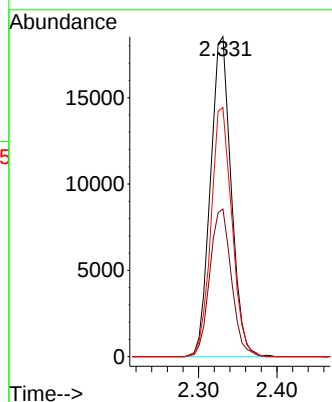
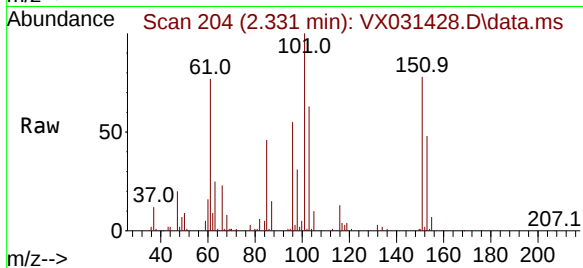
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.073 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 3411
Ion Ratio Lower Upper
101 100
85 48.1 38.6 57.8
151 78.7 54.0 81.0

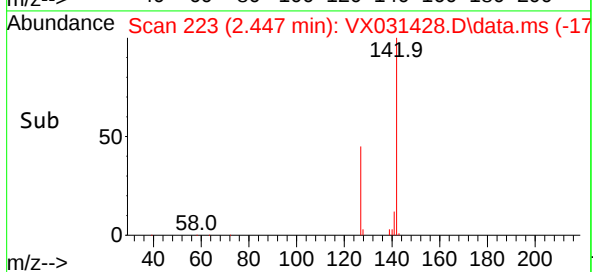
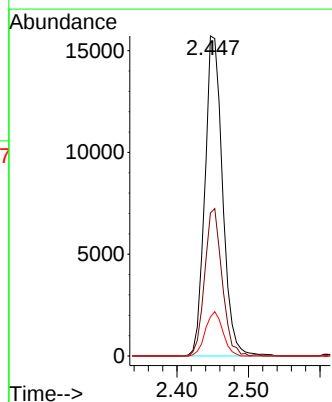
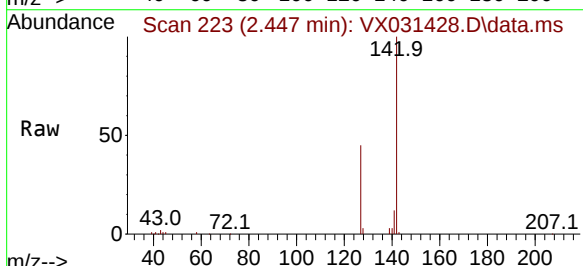
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 33.729 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

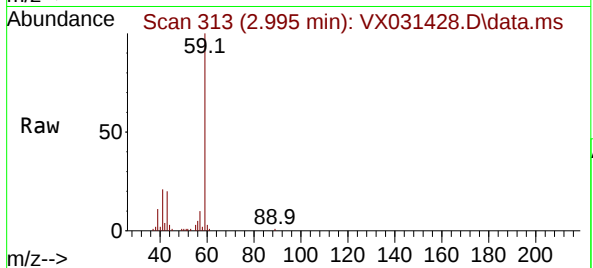
Tgt Ion:142 Resp: 26993
Ion Ratio Lower Upper
142 100
127 45.4 37.4 56.0
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 196.605 ug/l
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

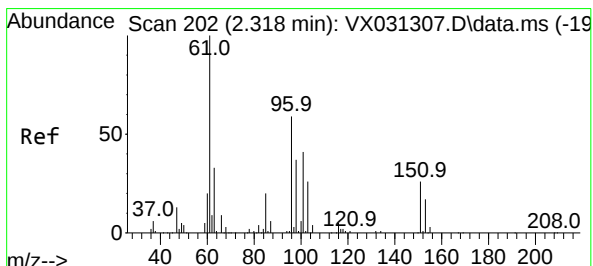
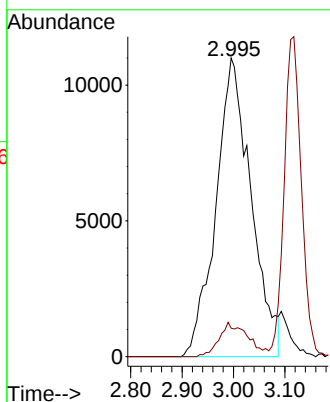
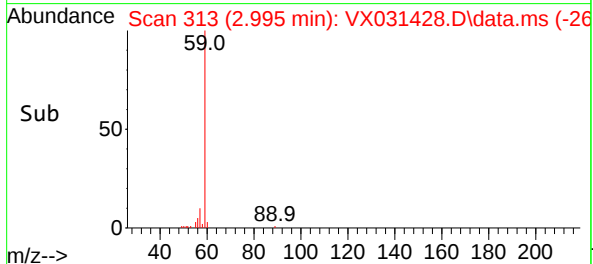
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 5220
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2

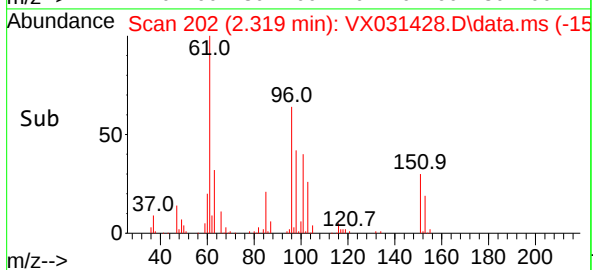
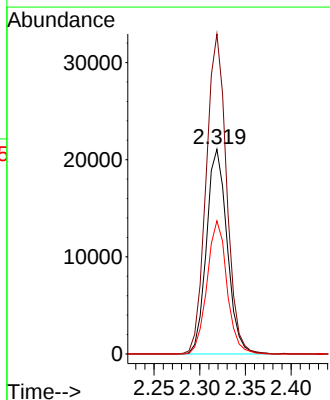
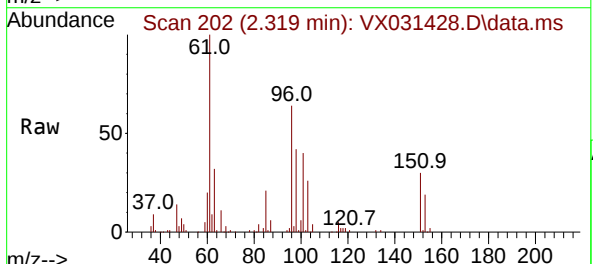
Manual Integrations
APPROVED

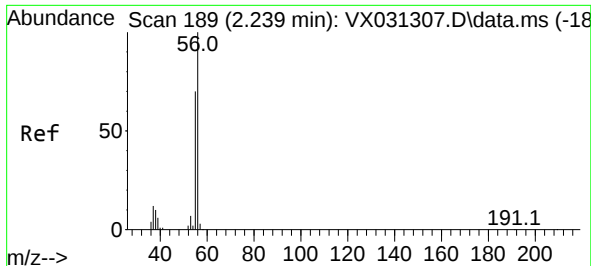
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
1,1-Dichloroethene
Concen: 47.381 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion: 96 Resp: 33055
Ion Ratio Lower Upper
96 100
61 156.3 135.3 202.9
98 65.0 49.4 74.2





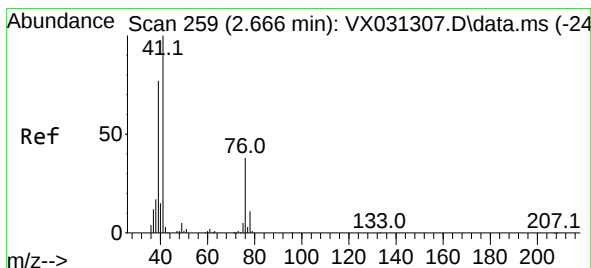
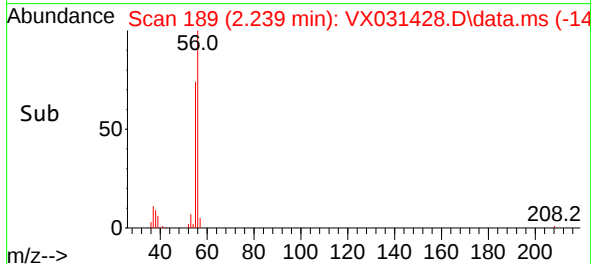
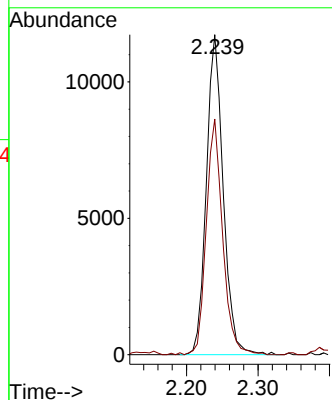
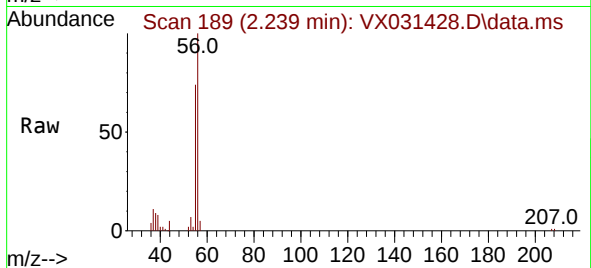
#13
Acrolein
Concen: 135.739 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 1921
Ion Ratio Lower Upper
56 100
55 71.7 56.0 84.0

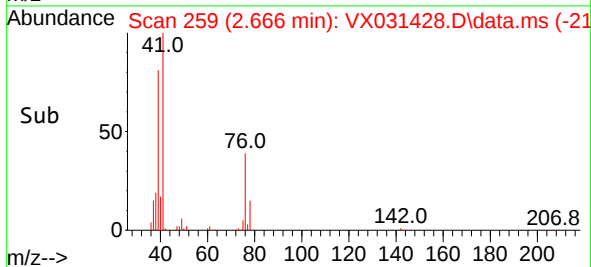
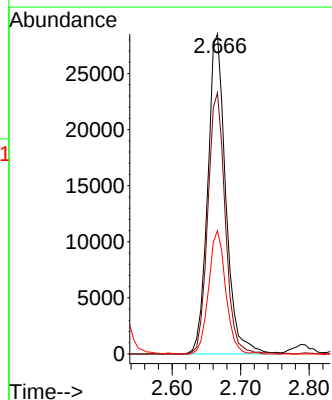
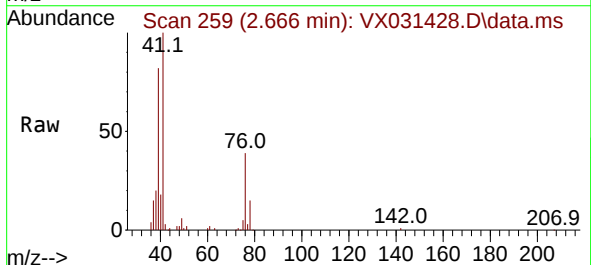
Manual Integrations
APPROVED

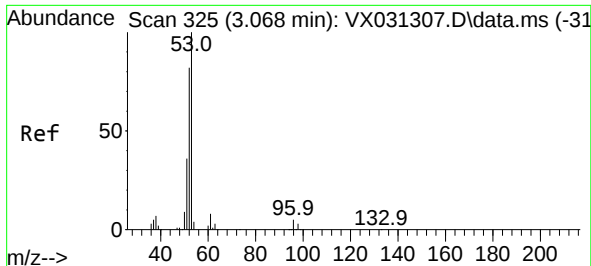
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#14
Allyl chloride
Concen: 33.944 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

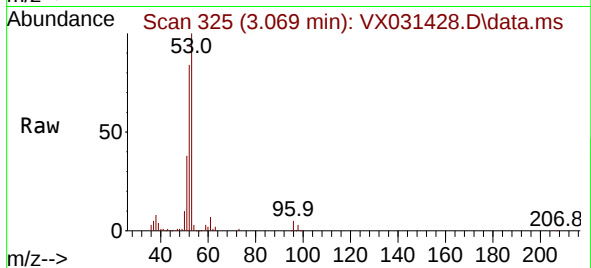
Tgt Ion: 41 Resp: 52315
Ion Ratio Lower Upper
41 100
39 78.4 58.2 87.4
76 36.4 26.9 40.3





#15
Acrylonitrile
Concen: 198.934 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

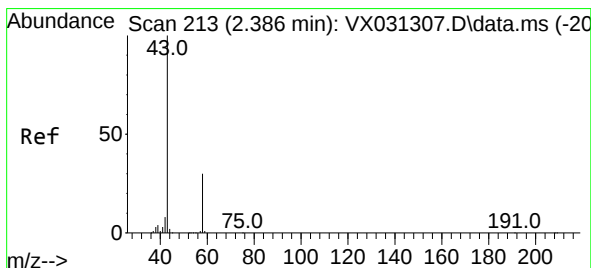
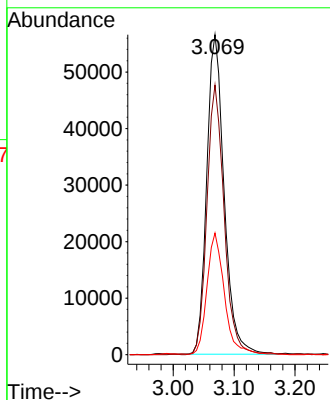
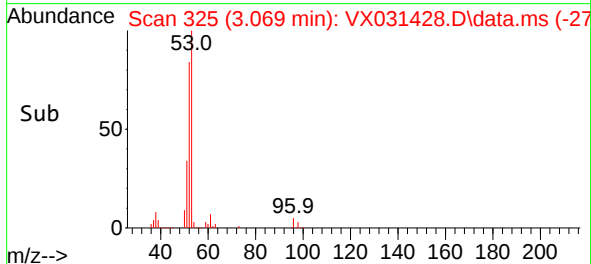
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 112530
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 38.3 30.0 45.0

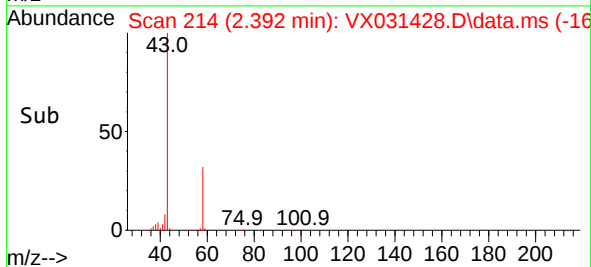
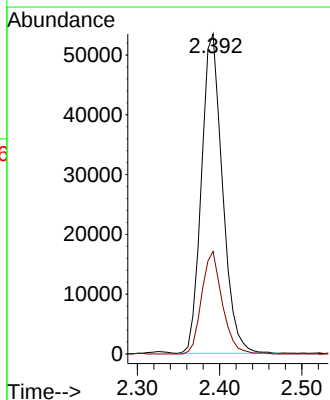
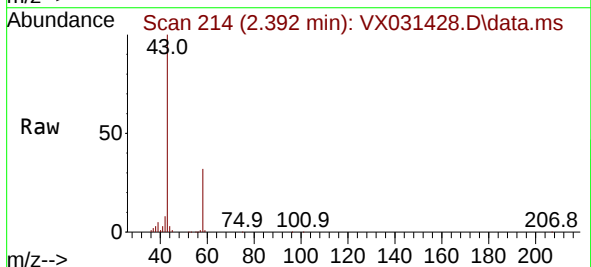
Manual Integrations
APPROVED

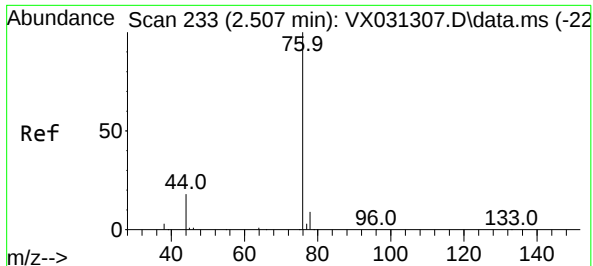
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 181.541 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion: 43 Resp: 95055
Ion Ratio Lower Upper
43 100
58 32.1 23.8 35.8





#17

Carbon Disulfide

Concen: 44.191 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 73600

Ion Ratio Lower Upper

76 100

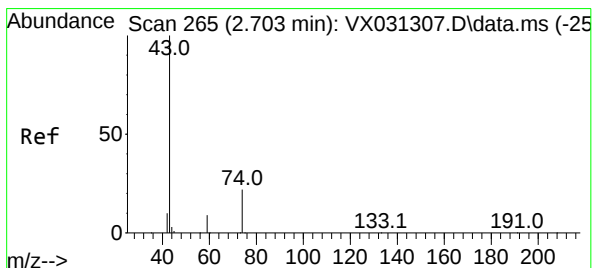
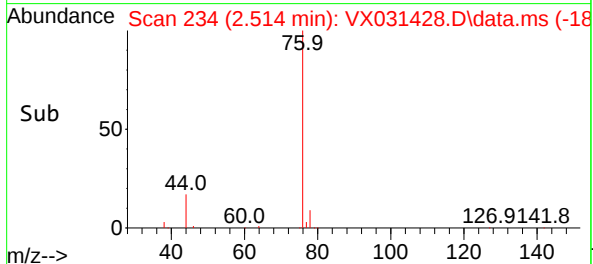
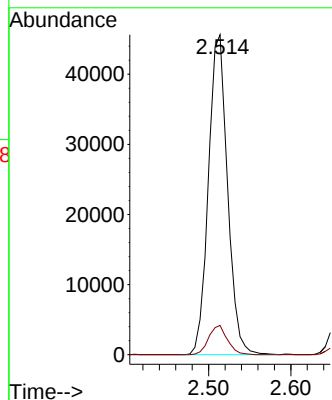
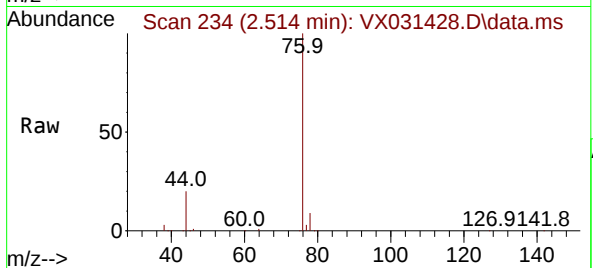
78 9.2 7.2 10.8

Manual Integrations

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Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#18

Methyl Acetate

Concen: 37.833 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX031428.D

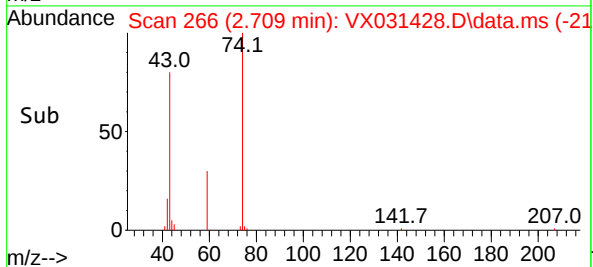
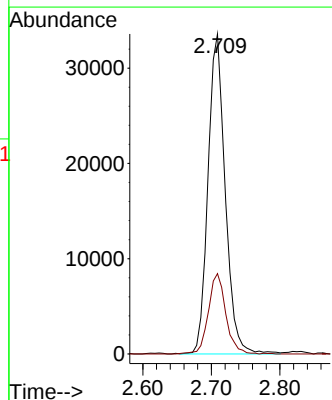
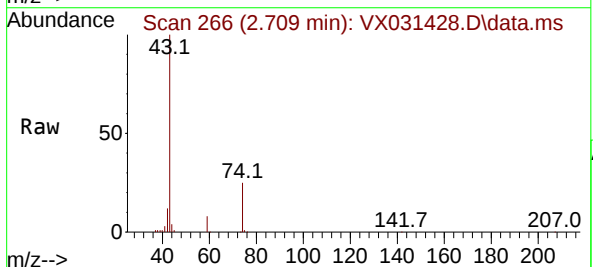
Acq: 16 Sep 2022 22:39

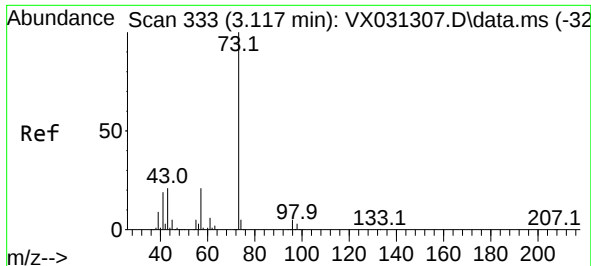
Tgt Ion: 43 Resp: 58742

Ion Ratio Lower Upper

43 100

74 25.4 18.6 27.8





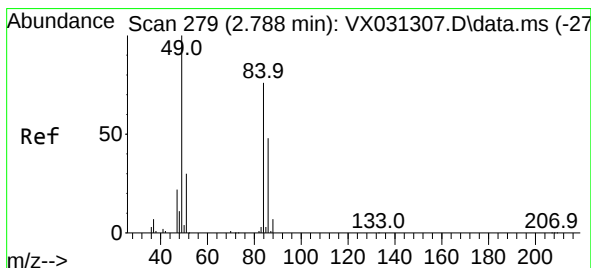
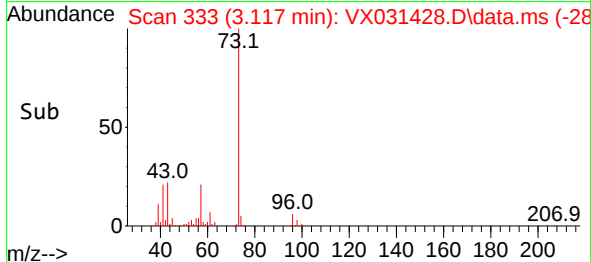
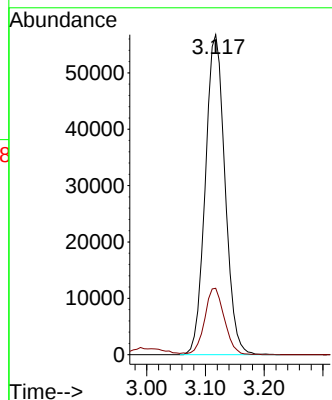
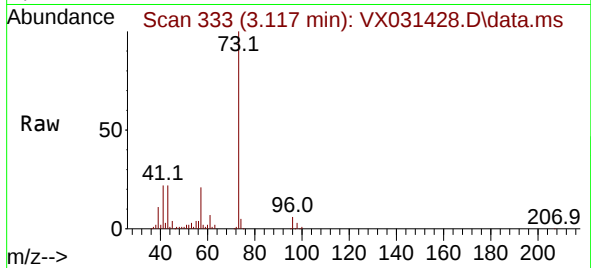
#19
Methyl tert-butyl Ether
Concen: 40.832 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 13191
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8

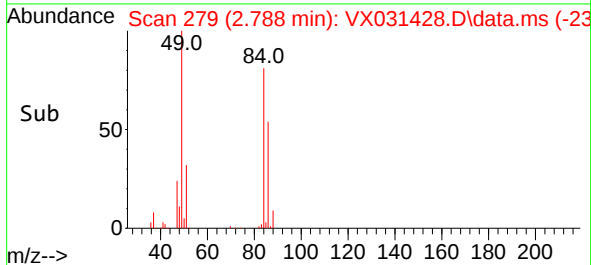
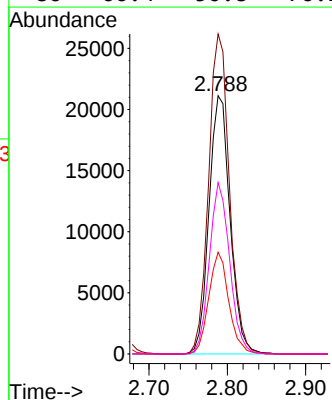
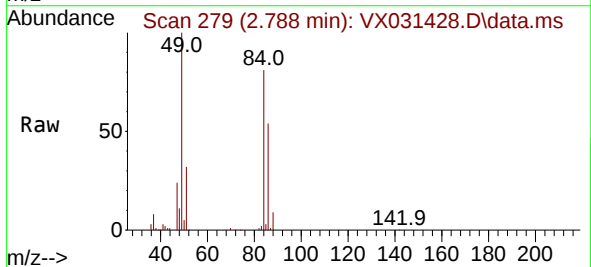
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 47.986 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

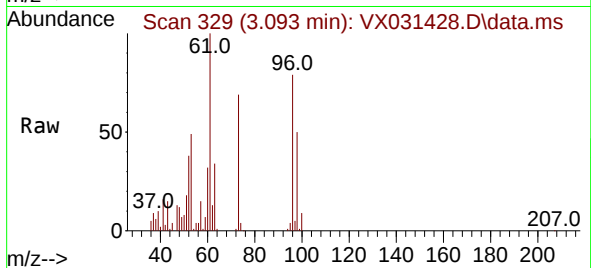
Tgt Ion: 84 Resp: 39482
Ion Ratio Lower Upper
84 100
49 123.9 105.9 158.9
51 39.4 32.2 48.2
86 66.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.023 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

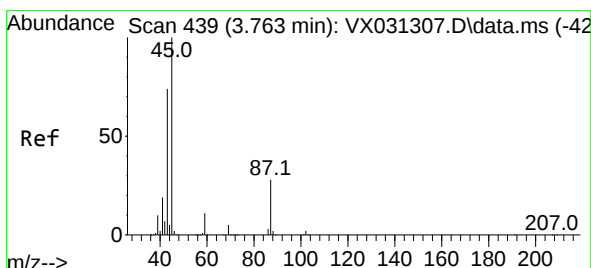
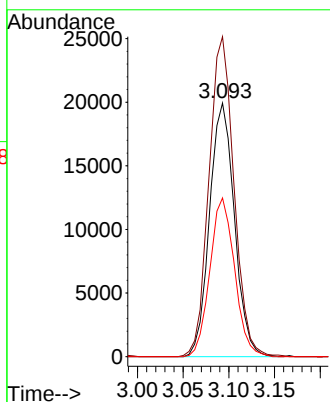
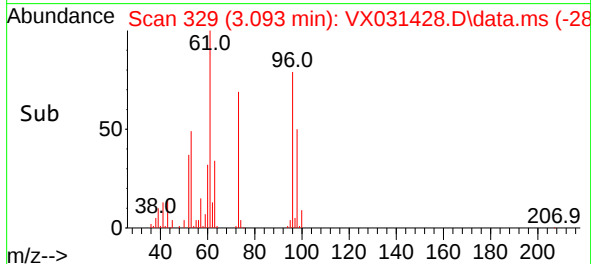
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 37698
Ion Ratio Lower Upper
96 100
61 126.2 106.7 160.1
98 62.6 48.7 73.1

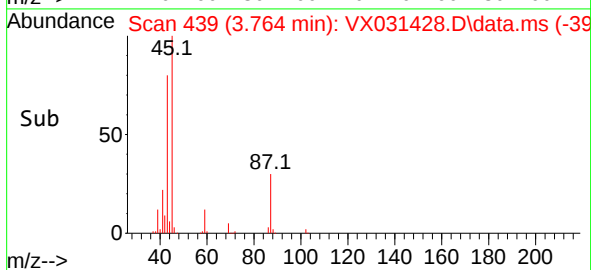
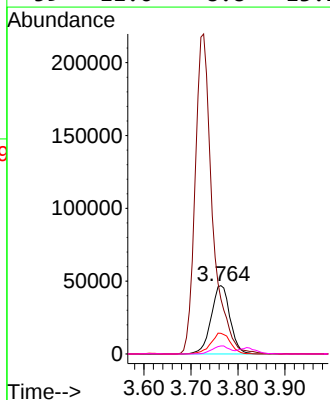
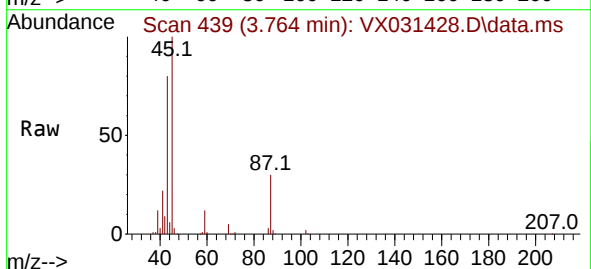
Manual Integrations
APPROVED

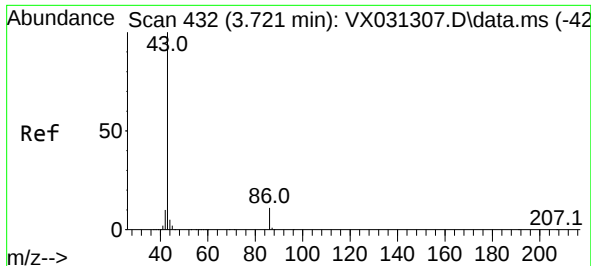
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 40.528 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

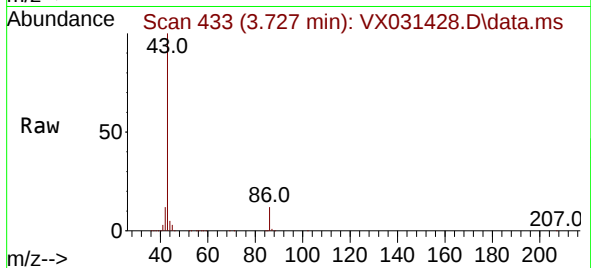
Tgt Ion: 45 Resp: 130707
Ion Ratio Lower Upper
45 100
43 80.1 59.0 88.6
87 30.3 22.6 33.8
59 11.6 8.8 13.2





#23
 Vinyl Acetate
 Concen: 209.705 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39

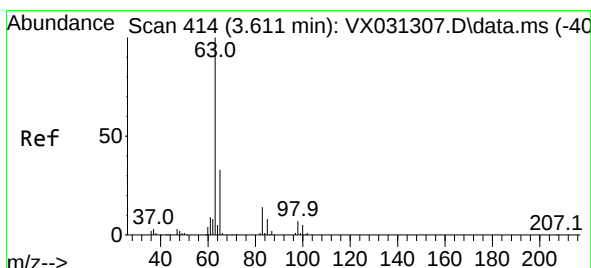
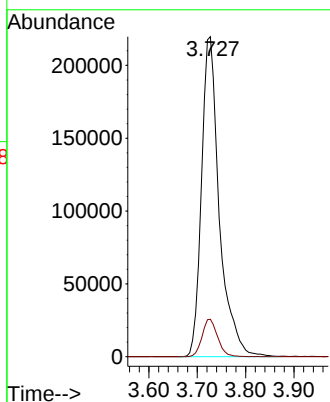
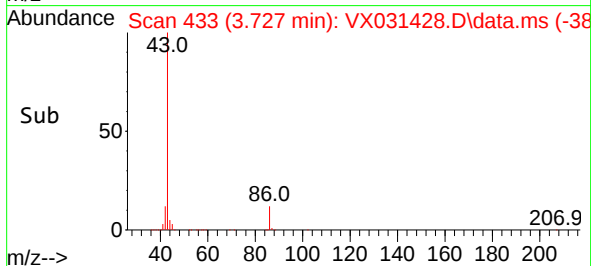
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



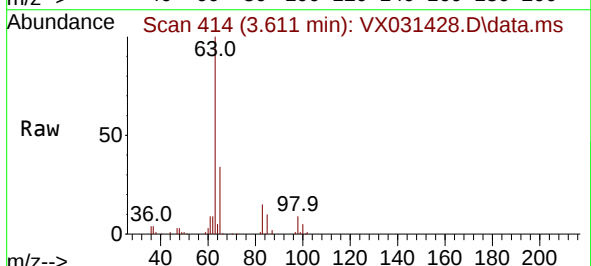
Tgt Ion: 43 Resp: 56206
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.7 13.1

Manual Integrations
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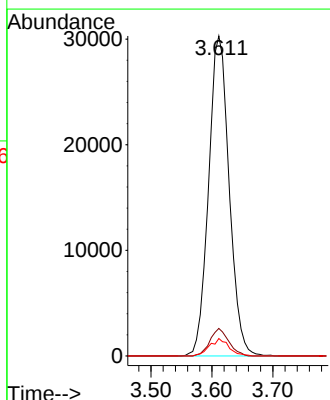
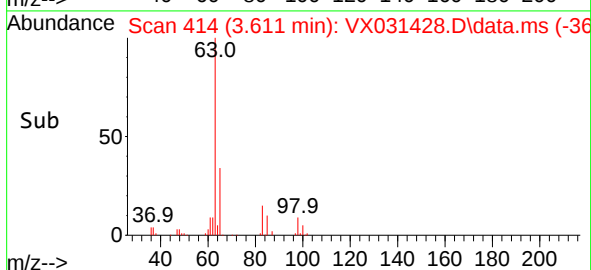
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

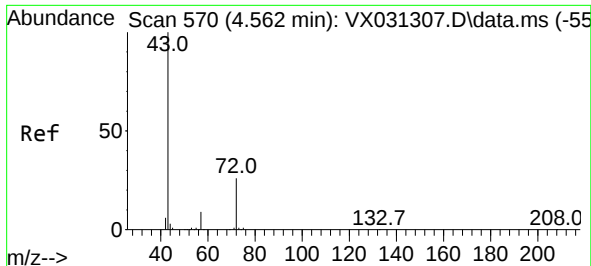


#24
 1,1-Dichloroethane
 Concen: 41.965 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39



Tgt Ion: 63 Resp: 71029
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.4
 100 5.5 2.4 7.2





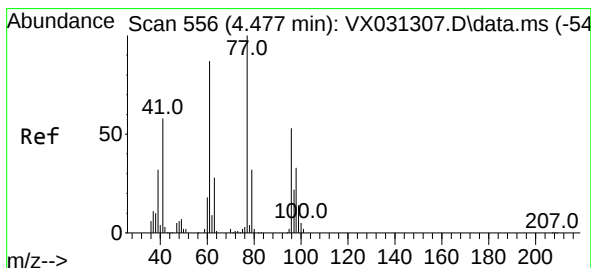
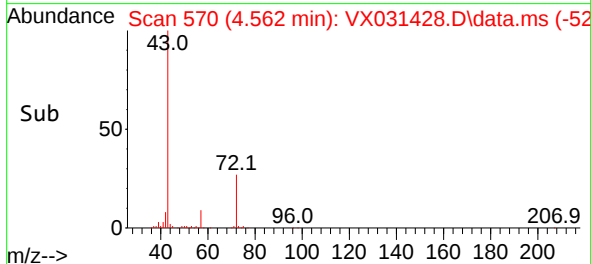
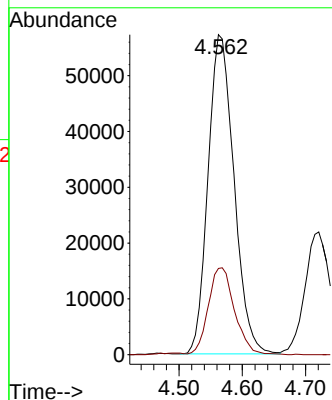
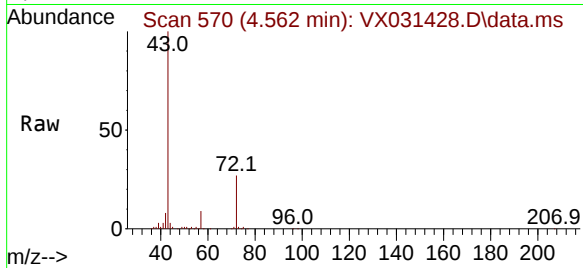
#25
2-Butanone
Concen: 188.662 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 162939
Ion Ratio Lower Upper
43 100
72 26.8 21.1 31.7

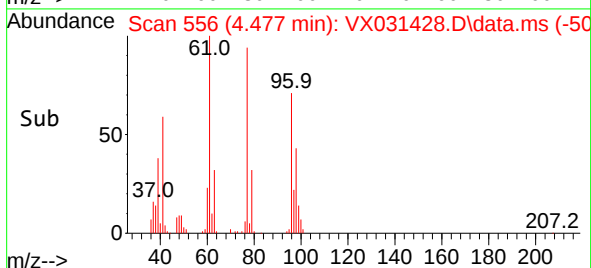
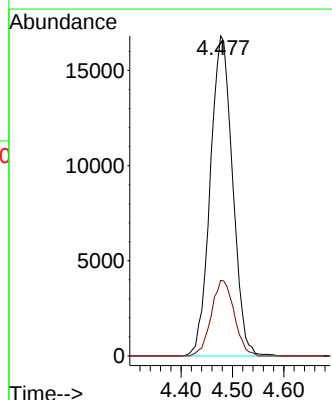
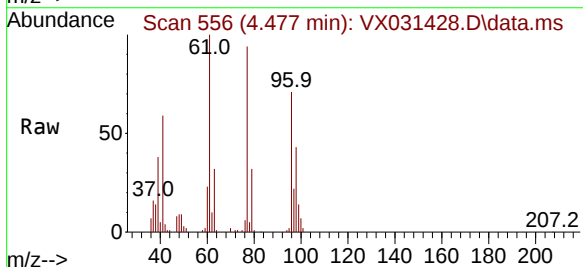
Manual Integrations
APPROVED

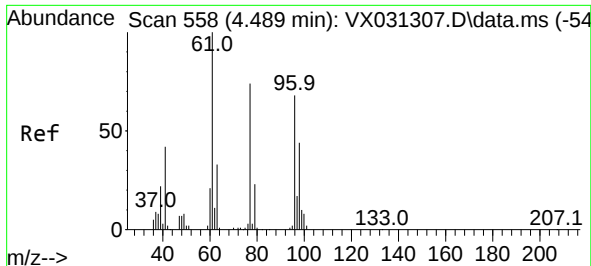
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
2,2-Dichloropropane
Concen: 31.583 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

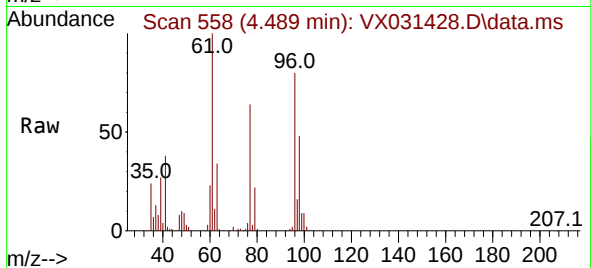
Tgt Ion: 77 Resp: 50716
Ion Ratio Lower Upper
77 100
97 24.3 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.123 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39

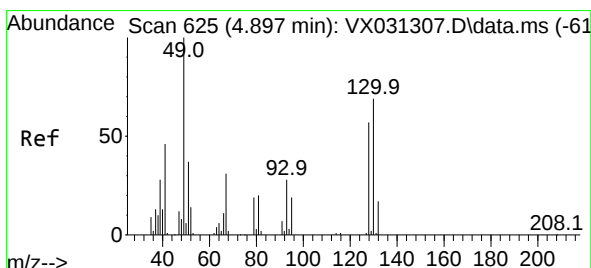
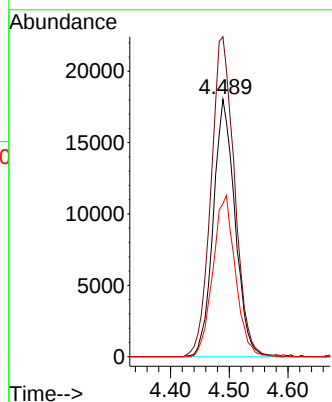
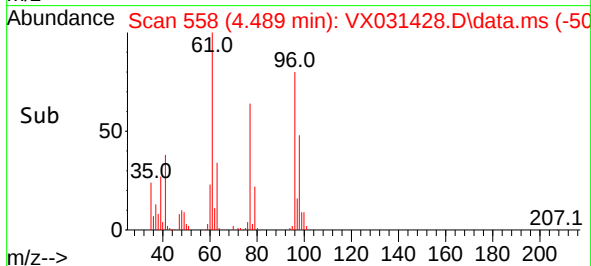
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



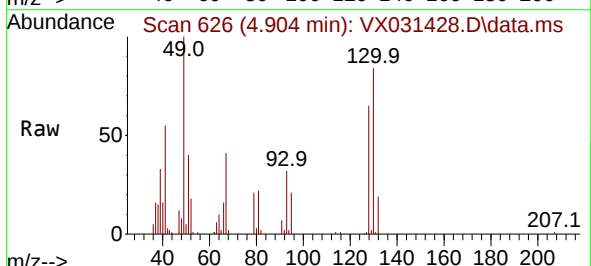
Tgt Ion: 96 Resp: 46369
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 305.2
 98 64.6 0.0 128.4

Manual Integrations
 APPROVED

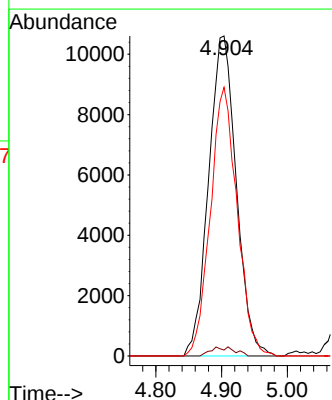
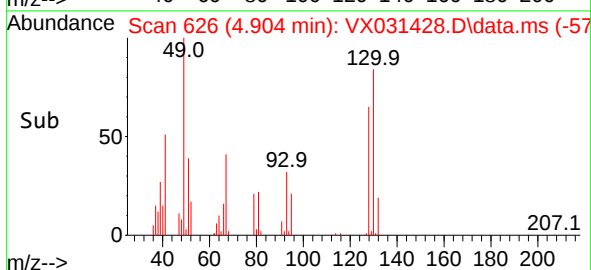
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

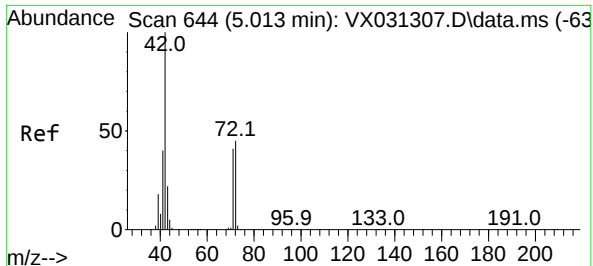


#28
 Bromochloromethane
 Concen: 39.374 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39



Tgt Ion: 49 Resp: 31063
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.6
 130 81.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 198.975 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 10644

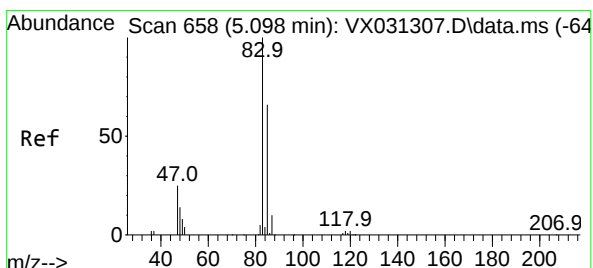
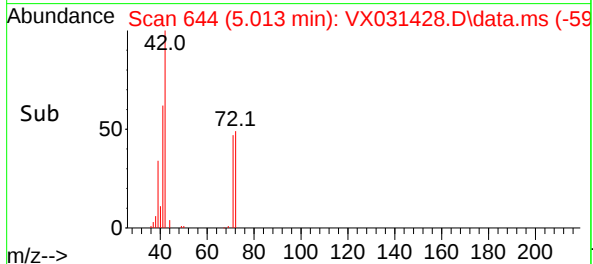
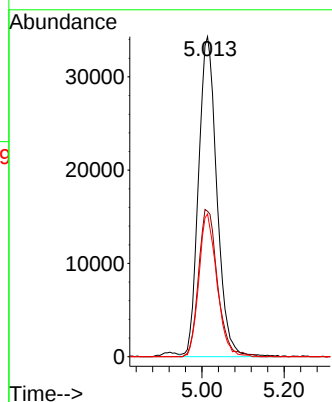
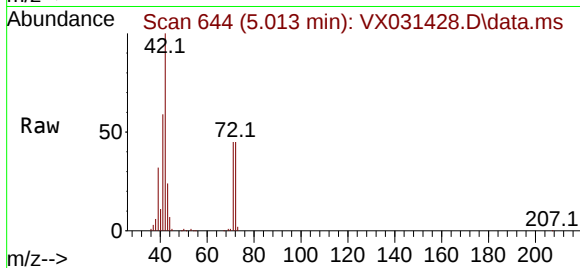
Ion	Ratio	Lower	Upper
42	100		
72	47.6	36.4	54.6
71	43.7	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 44.193 ug/l

RT: 5.099 min Scan# 658

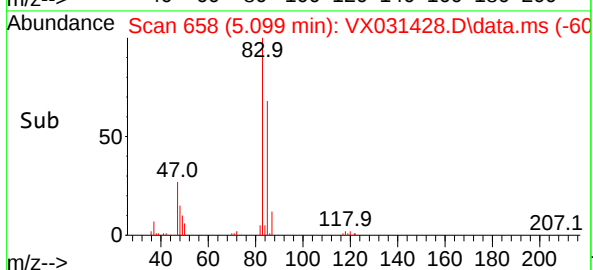
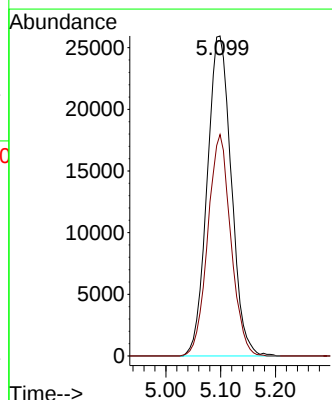
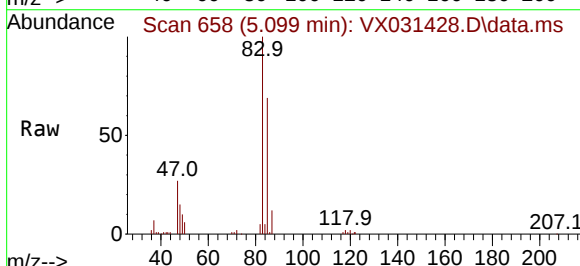
Delta R.T. 0.000 min

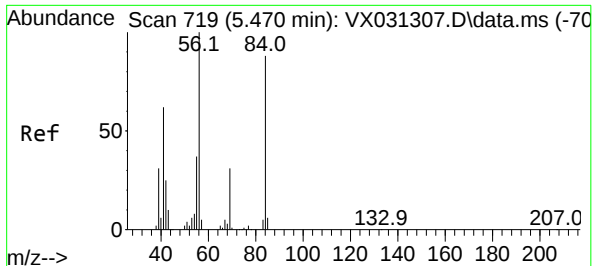
Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Tgt Ion: 83 Resp: 79208

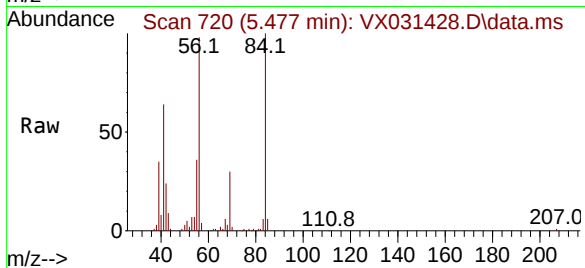
Ion	Ratio	Lower	Upper
83	100		
85	69.2	52.8	79.2





#31
Cyclohexane
Concen: 43.800 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

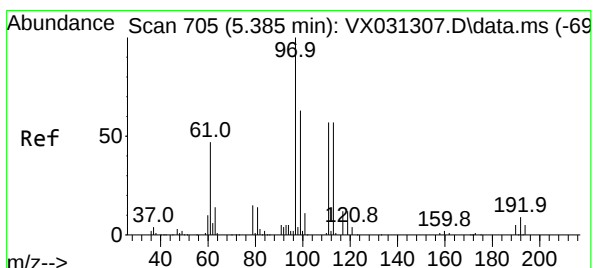
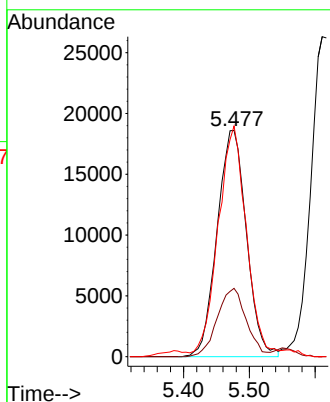
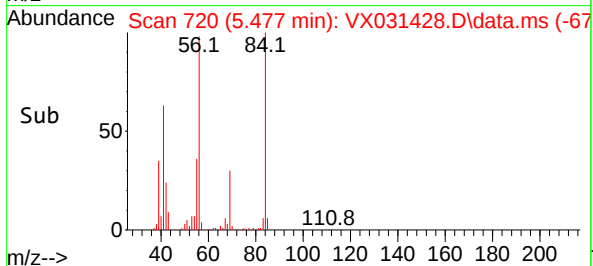
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 57715
Ion Ratio Lower Upper
56 100
69 30.2 25.1 37.7
84 99.5 70.2 105.4

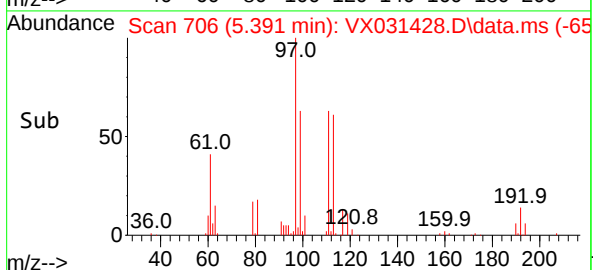
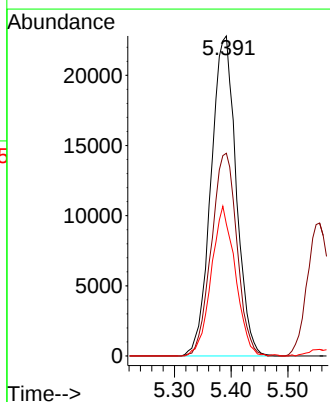
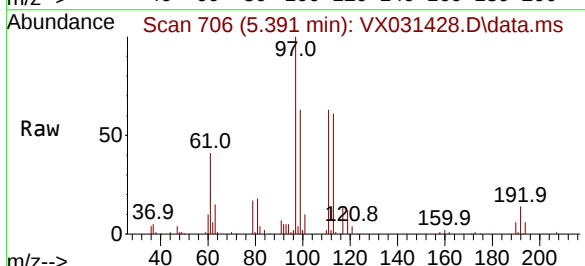
Manual Integrations
APPROVED

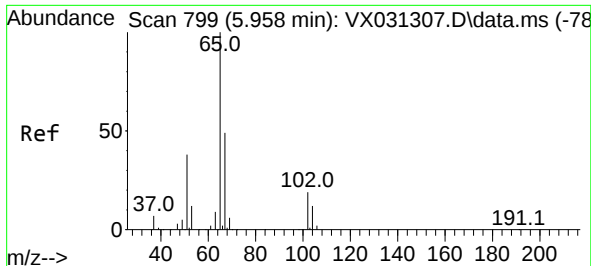
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#32
1,1,1-Trichloroethane
Concen: 43.721 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion: 97 Resp: 70215
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 44.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 40.044 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

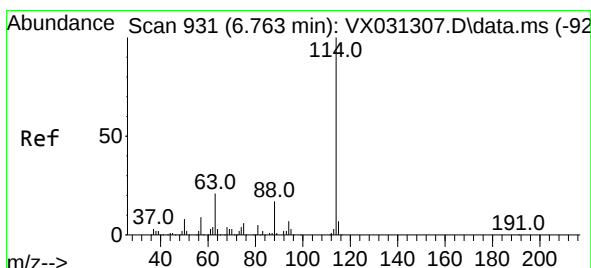
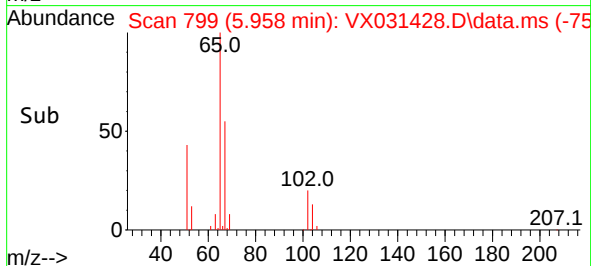
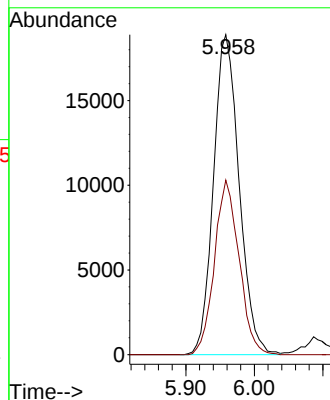
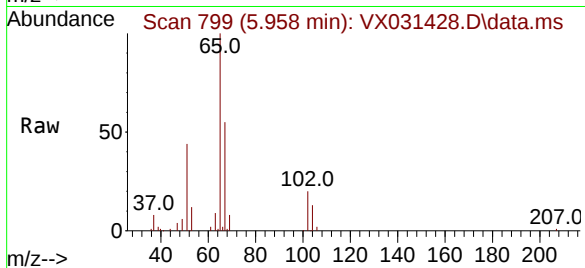
Tgt Ion: 65 Resp: 49114
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

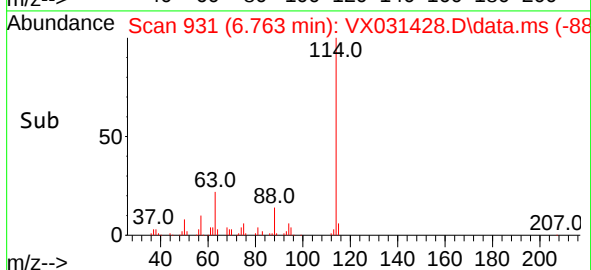
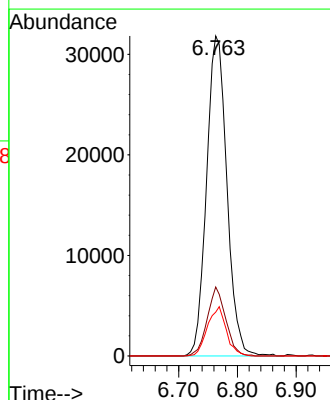
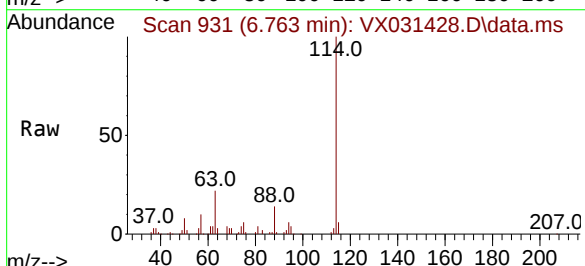
RT: 6.763 min Scan# 931

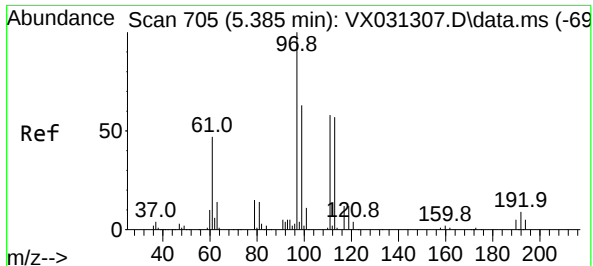
Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Tgt Ion:114 Resp: 76583
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.6
 88 13.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.570 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

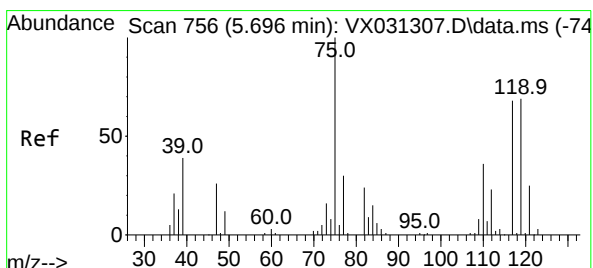
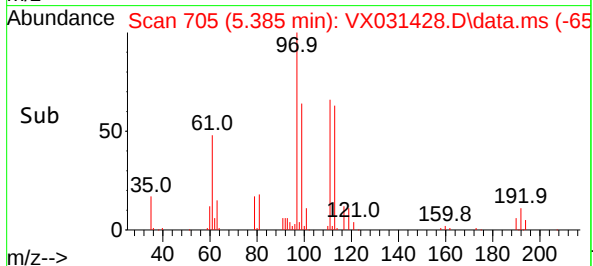
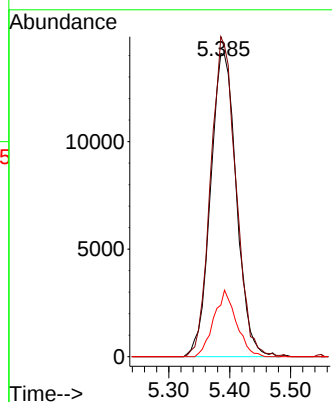
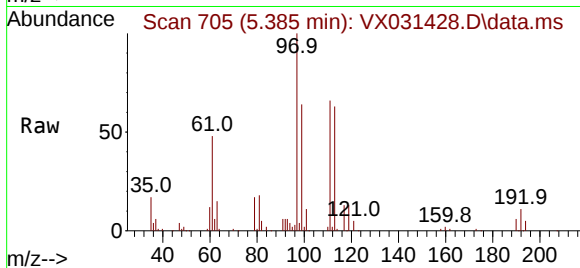
Tgt Ion:	113	Resp:	41630
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	19.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#36

1,1-Dichloropropene

Concen: 48.178 ug/l

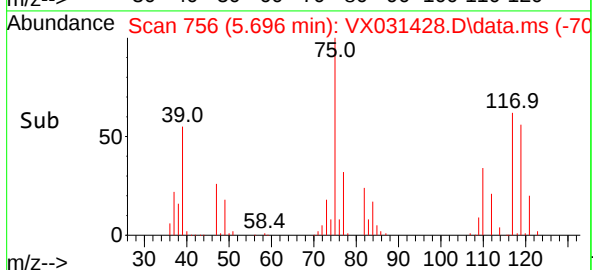
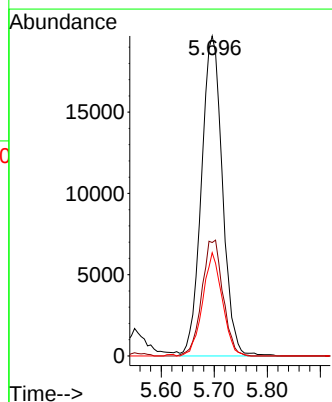
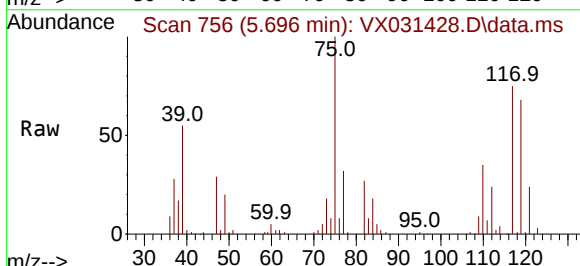
RT: 5.696 min Scan# 756

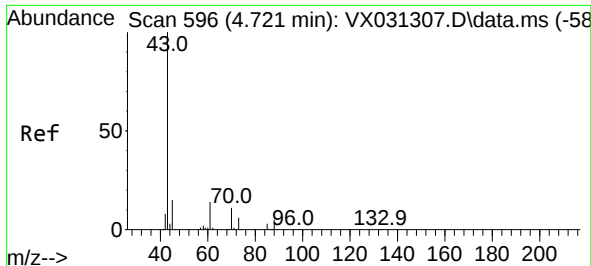
Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Tgt Ion:	75	Resp:	54285
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.5	52.5
77	30.0	24.9	37.3





#37

Ethyl Acetate

Concen: 42.821 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6340

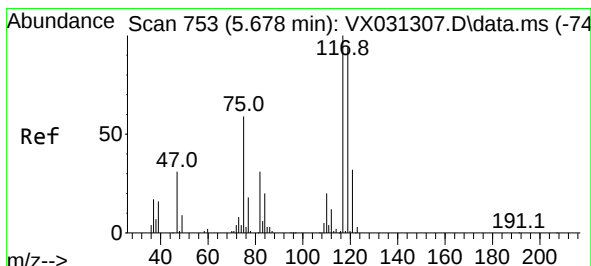
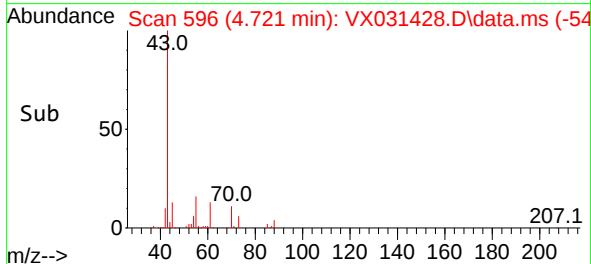
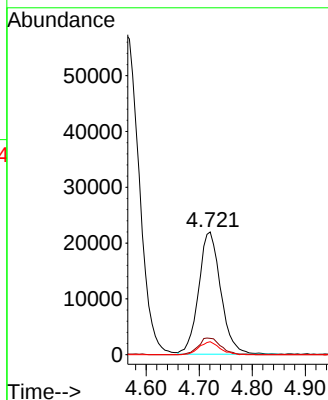
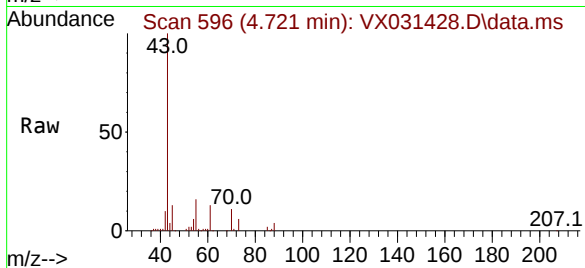
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	9.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Carbon Tetrachloride

Concen: 49.639 ug/l

RT: 5.684 min Scan# 754

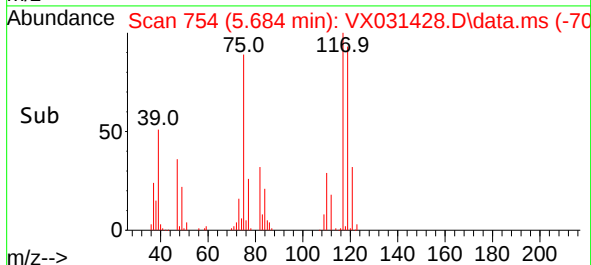
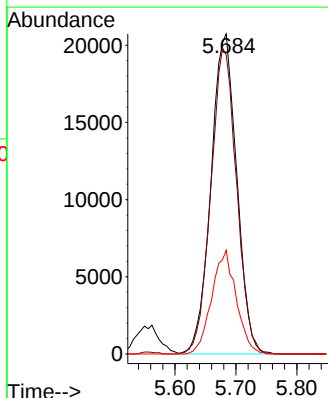
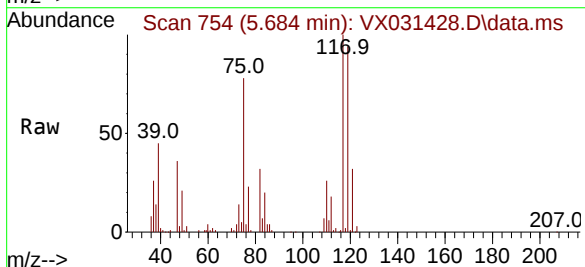
Delta R.T. 0.006 min

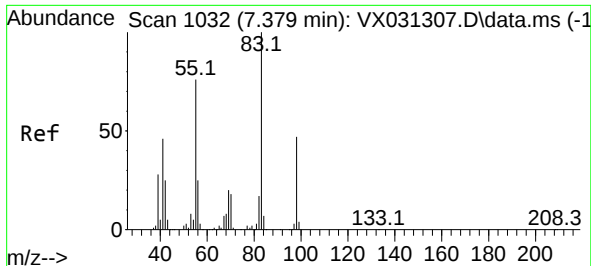
Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Tgt Ion:117 Resp: 60797

Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.6	112.0
121	32.4	25.3	37.9





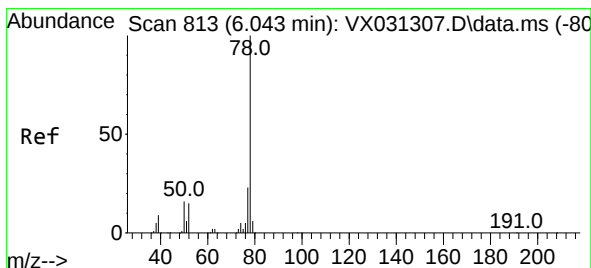
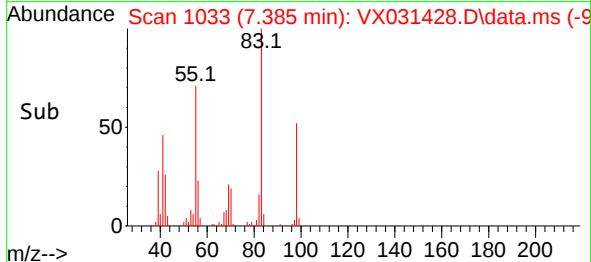
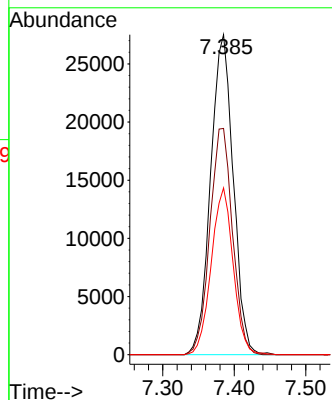
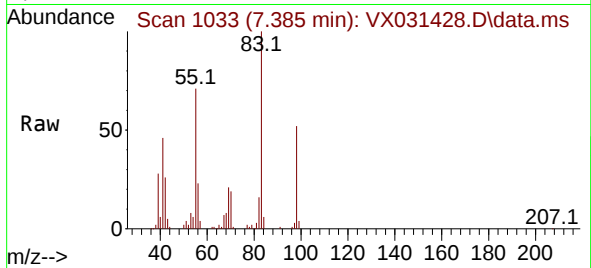
#39
Methylcyclohexane
Concen: 48.791 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 6054
Ion Ratio Lower Upper
83 100
55 70.7 61.0 91.4
98 52.1 37.7 56.5

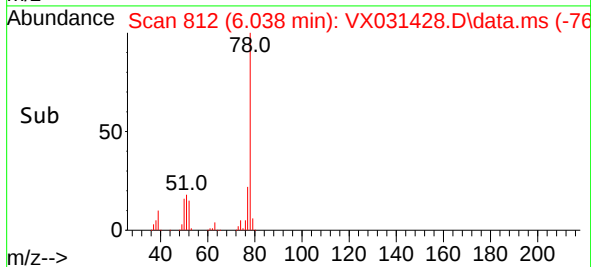
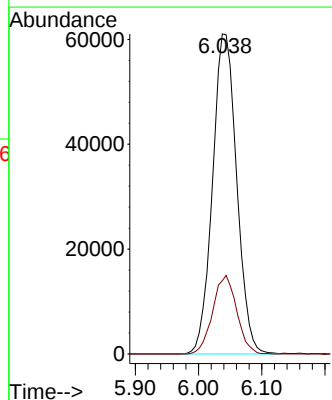
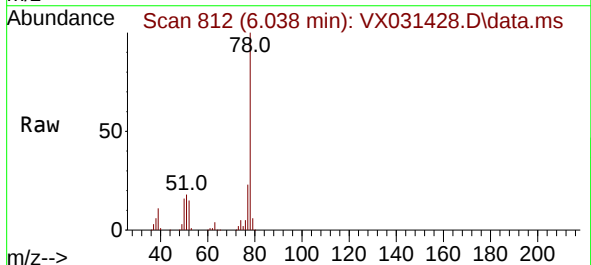
Manual Integrations
APPROVED

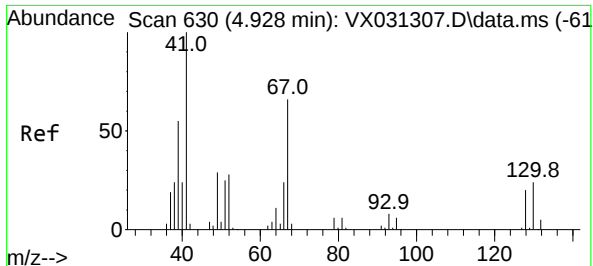
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#40
Benzene
Concen: 49.994 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

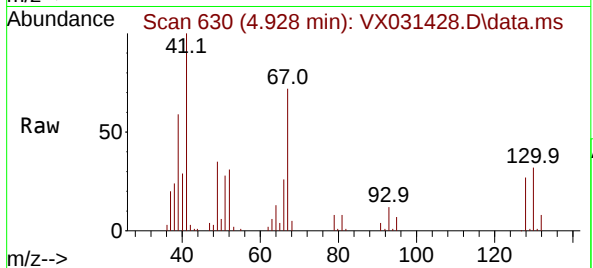
Tgt Ion: 78 Resp: 161761
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1





#41
Methacrylonitrile
Concen: 41.678 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

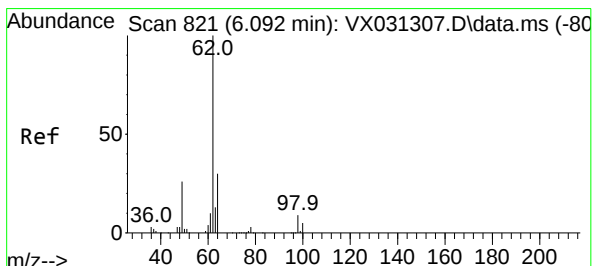
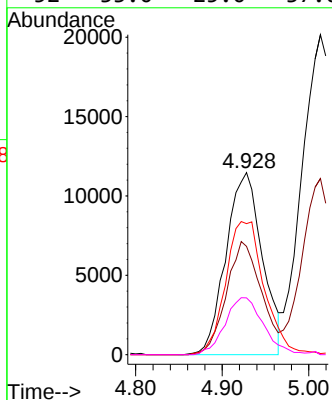
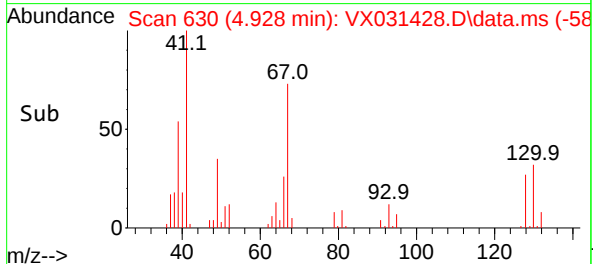
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	3343
Ion Ratio	100	Lower	Upper
39	59.6	45.0	67.6
67	78.3	58.2	87.4
52	33.0	25.0	37.6

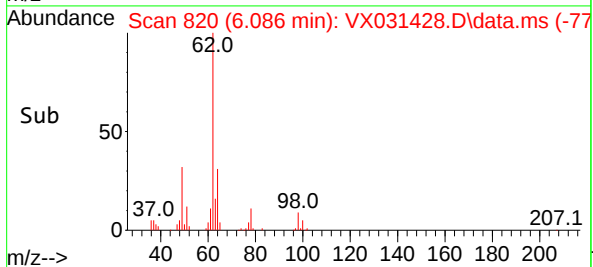
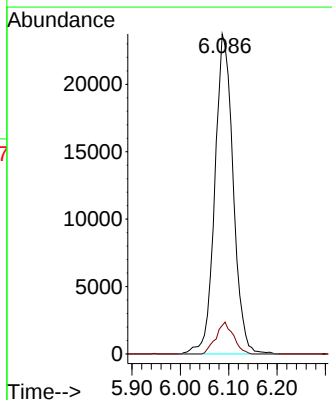
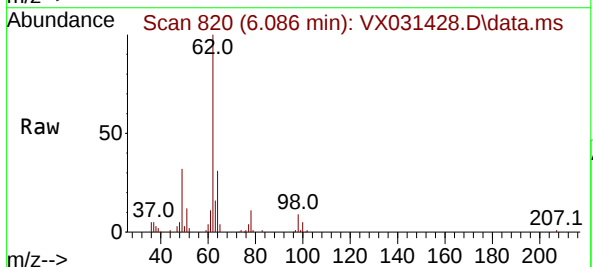
Manual Integrations
APPROVED

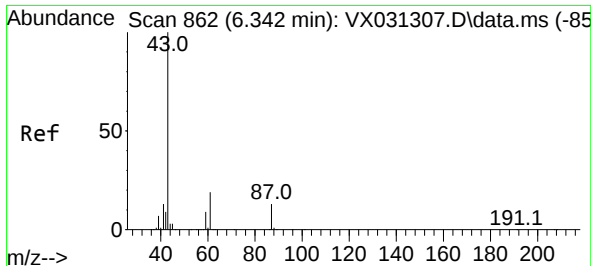
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
1,2-Dichloroethane
Concen: 47.886 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

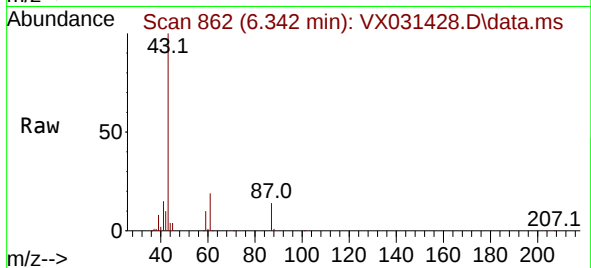
Tgt Ion:	62	Resp:	62497
Ion Ratio	100	Lower	Upper
98	9.5	0.0	17.8





#43
Isopropyl Acetate
Concen: 42.270 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

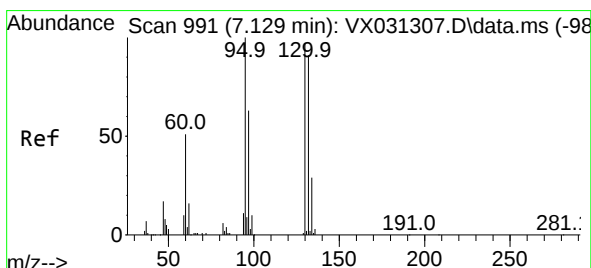
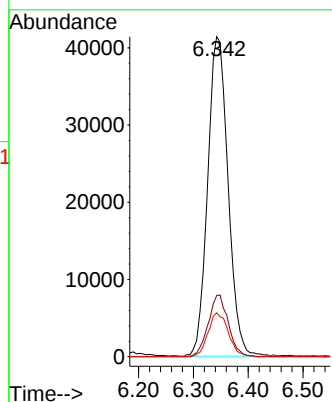
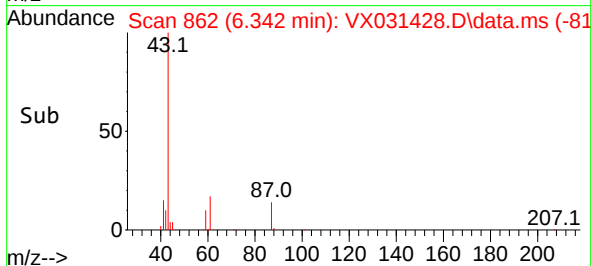
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10683
Ion Ratio Lower Upper
43 100
61 18.9 15.3 22.9
87 13.7 10.6 15.8

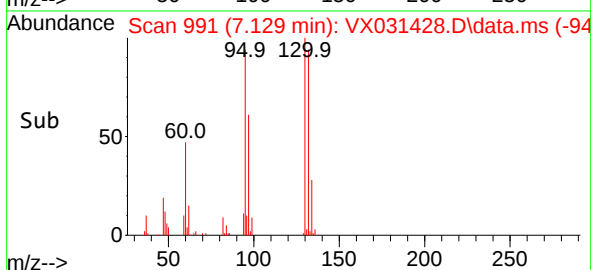
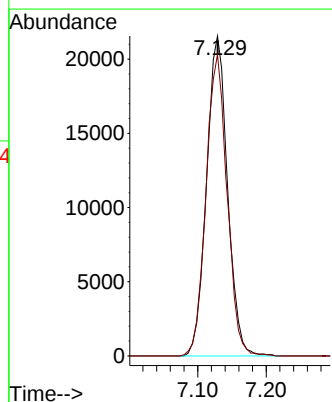
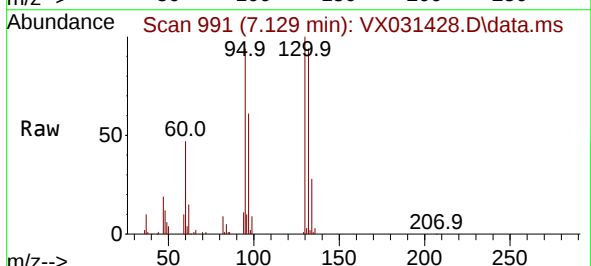
Manual Integrations
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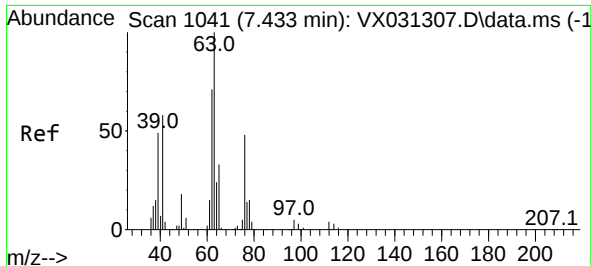
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#44
Trichloroethene
Concen: 55.620 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion:130 Resp: 45884
Ion Ratio Lower Upper
130 100
95 94.2 0.0 206.8





#45

1,2-Dichloropropane

Concen: 47.129 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 4174

Ion Ratio Lower Upper

63 100

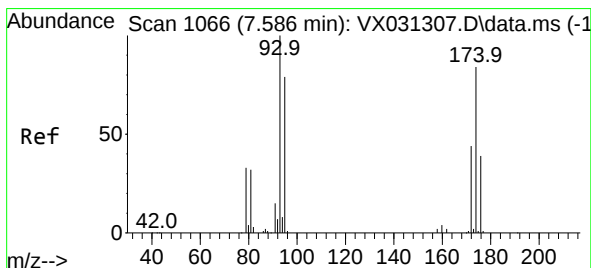
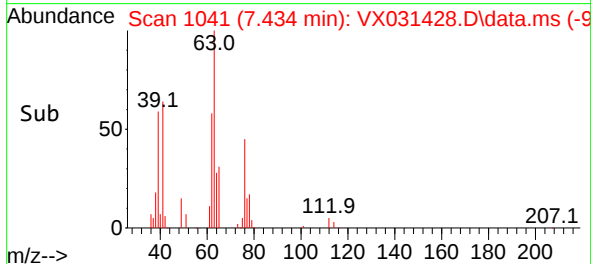
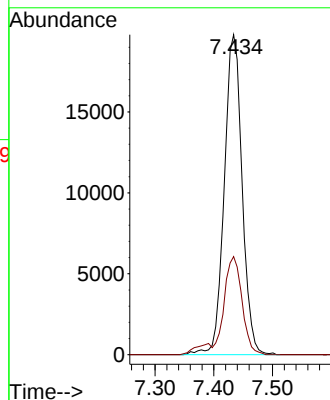
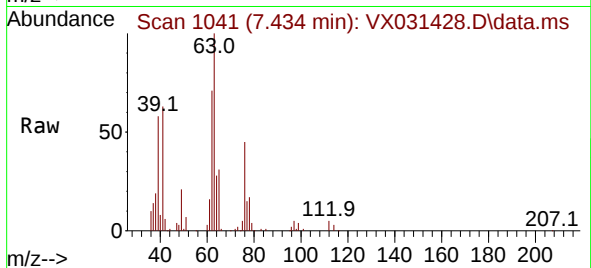
65 30.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 51.794 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

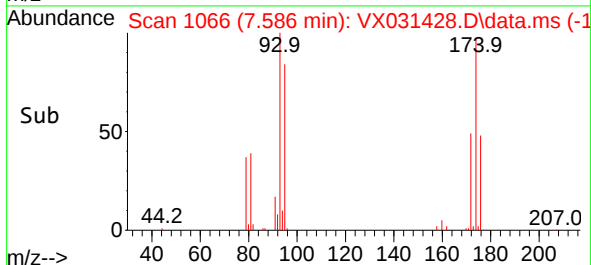
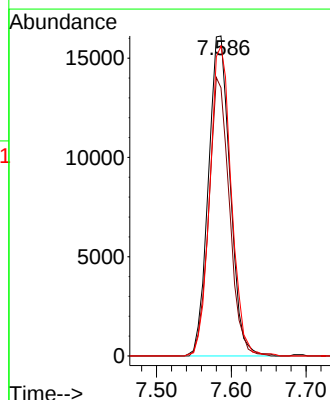
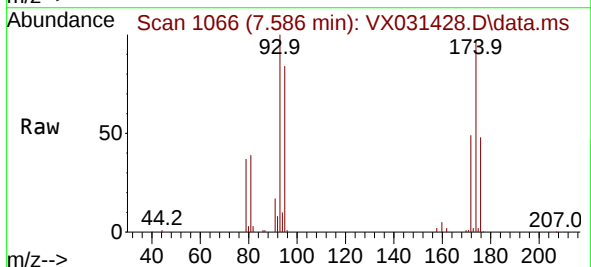
Tgt Ion: 93 Resp: 32536

Ion Ratio Lower Upper

93 100

95 82.2 65.5 98.3

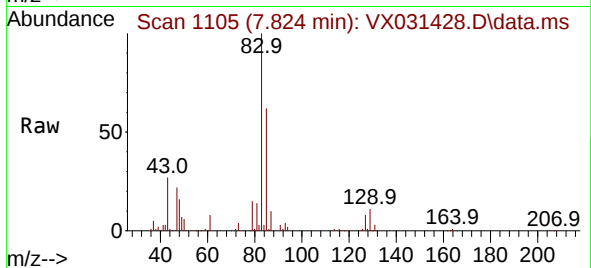
174 95.8 67.6 101.4





#47
Bromodichloromethane
Concen: 48.039 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

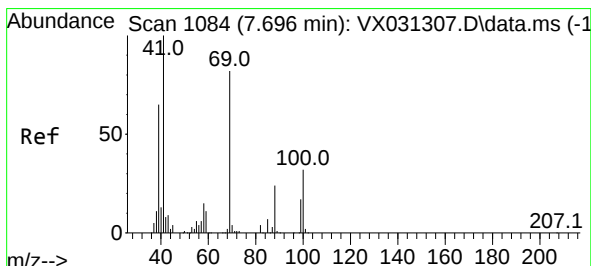
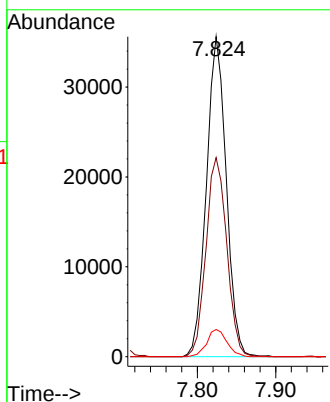
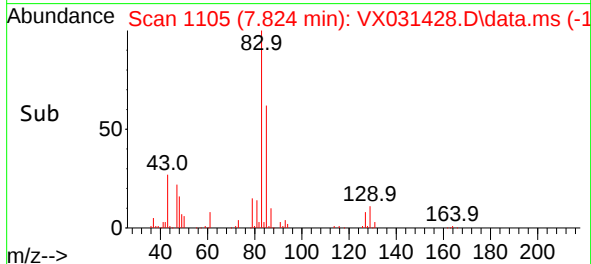
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



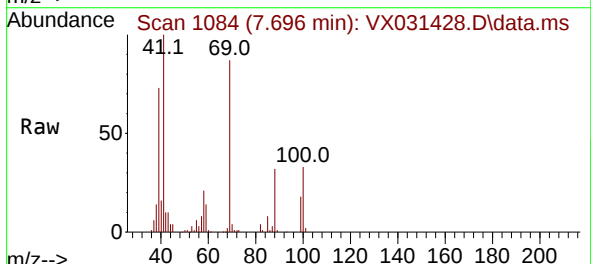
Tgt Ion: 83 Resp: 6276
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.6
127 8.5 7.0 10.6

Manual Integrations
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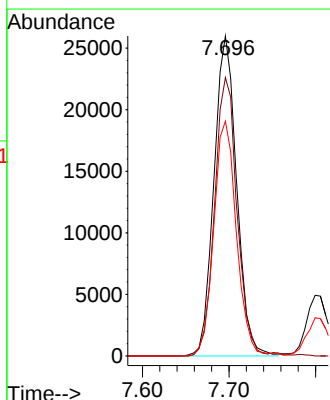
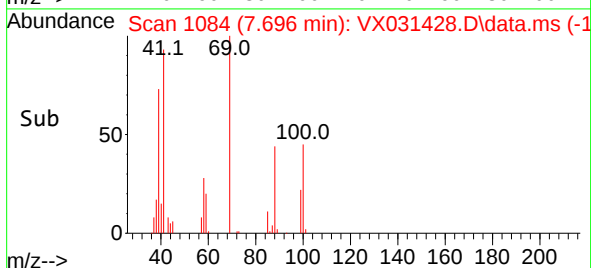
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

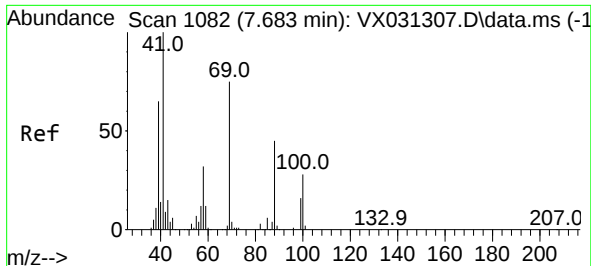


#48
Methyl methacrylate
Concen: 41.048 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion: 41 Resp: 47229
Ion Ratio Lower Upper
41 100
69 85.9 64.6 96.8
39 73.4 51.4 77.0





#49

1,4-Dioxane

Concen: 980.138 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.012 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

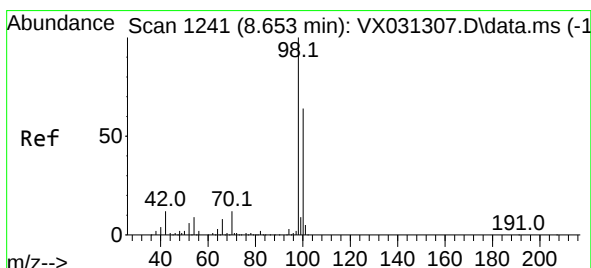
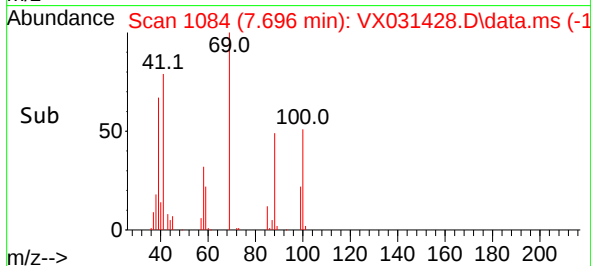
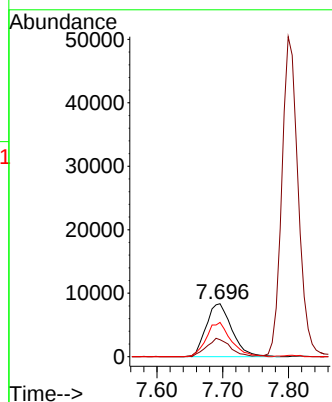
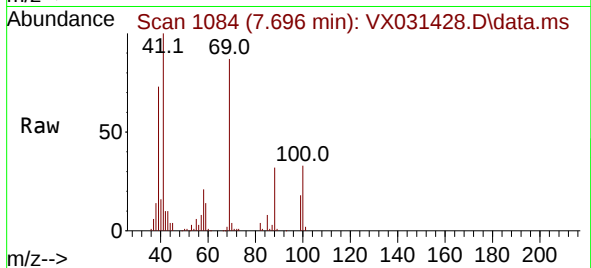
Tgt Ion:	88	Resp:	22610
Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.1	40.7
58	61.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

Toluene-d8

Concen: 50.320 ug/l

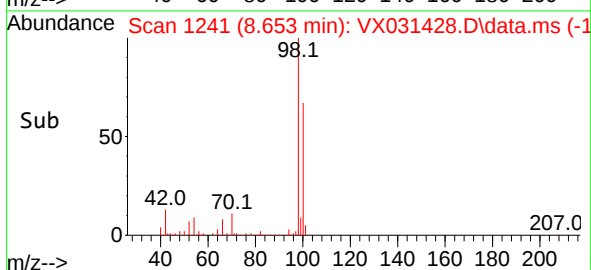
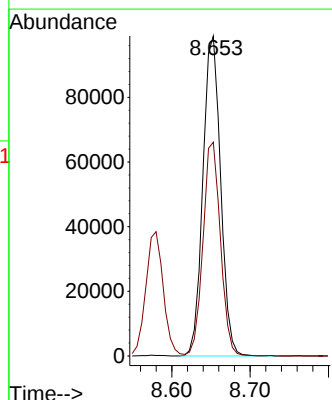
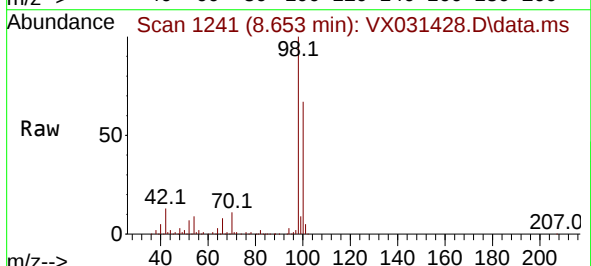
RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Tgt Ion:	98	Resp:	155387
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





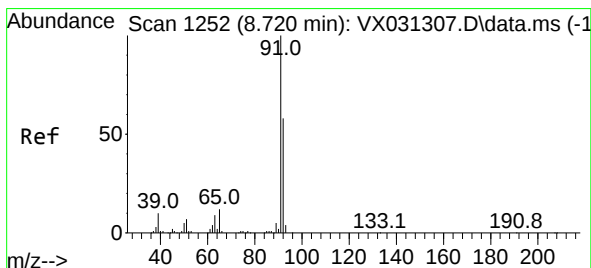
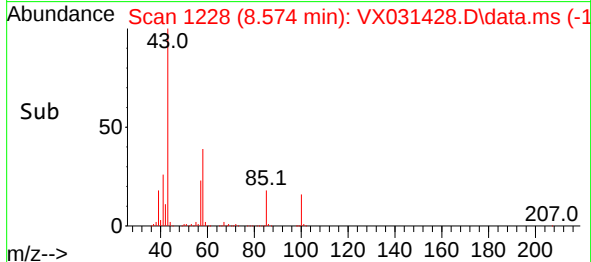
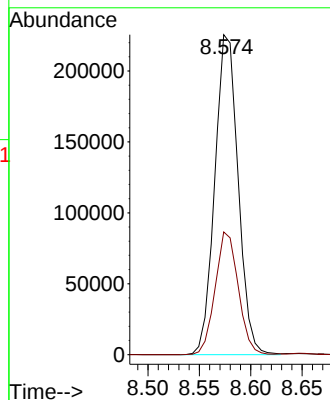
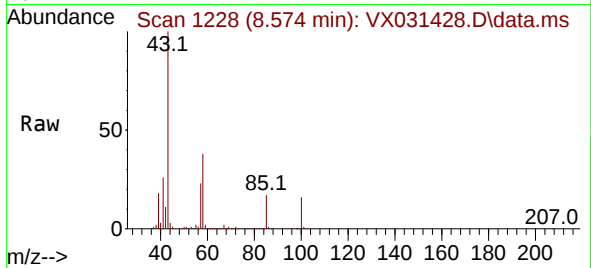
#51
4-Methyl-2-Pentanone
Concen: 231.715 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 355984
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

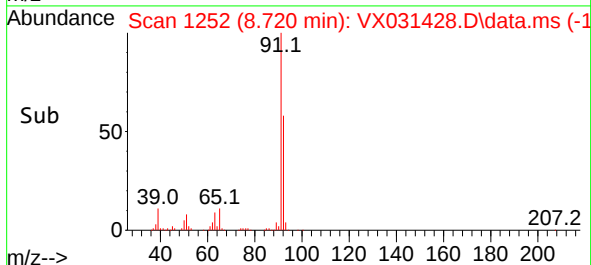
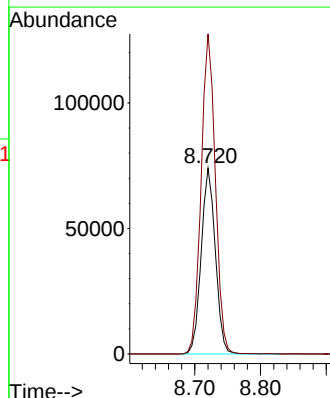
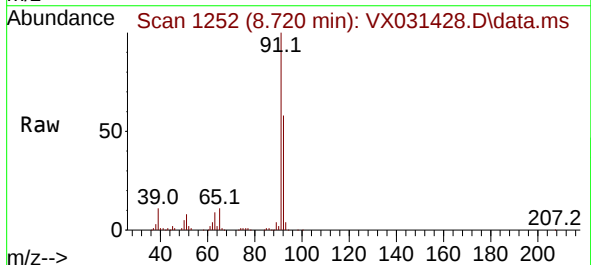
Manual Integrations
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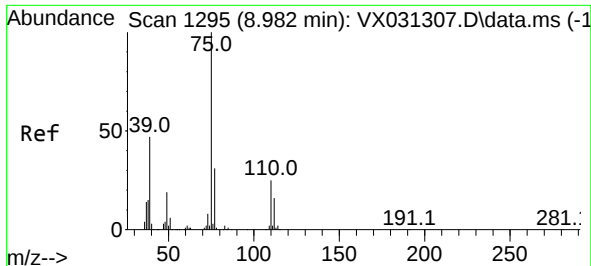
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
Toluene
Concen: 54.007 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

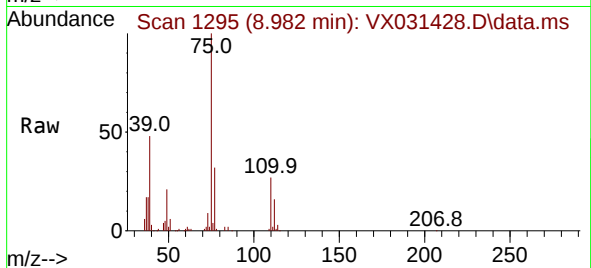
Tgt Ion: 92 Resp: 110540
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 44.395 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

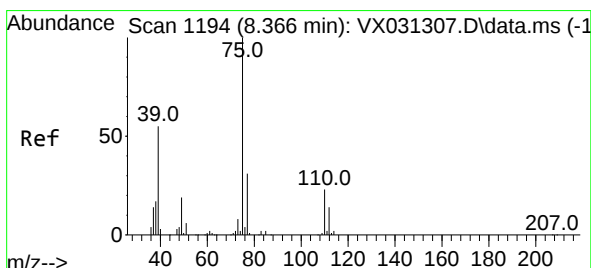
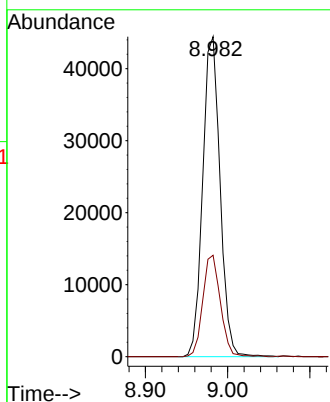
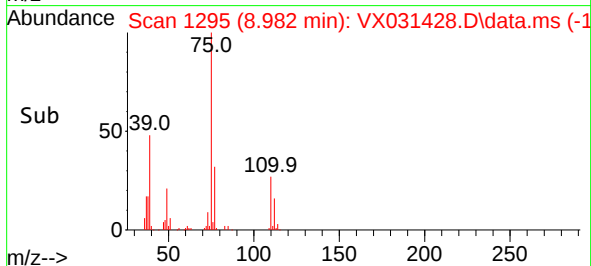
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



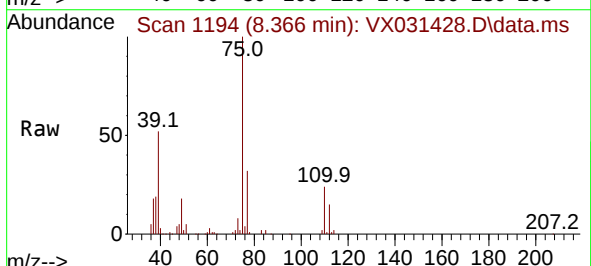
Tgt Ion: 75 Resp: 6527
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2

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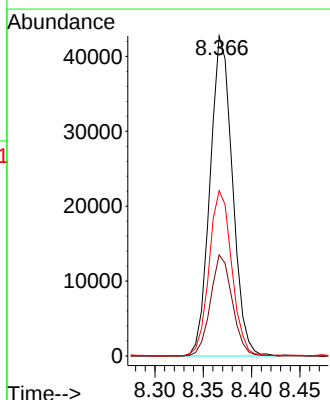
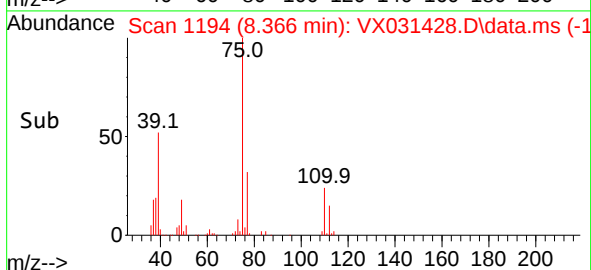
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 45.545 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion: 75 Resp: 68819
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6
39 51.6 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 53.167 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 48038

Ion Ratio Lower Upper

97 100

83 86.7 69.0 103.6

85 53.4 44.1 66.1

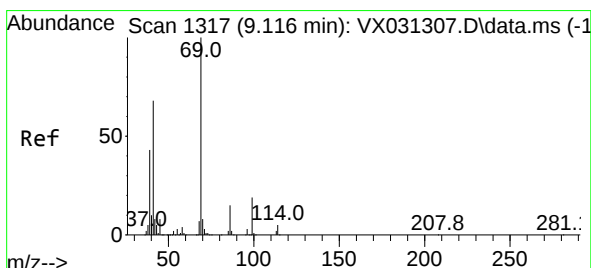
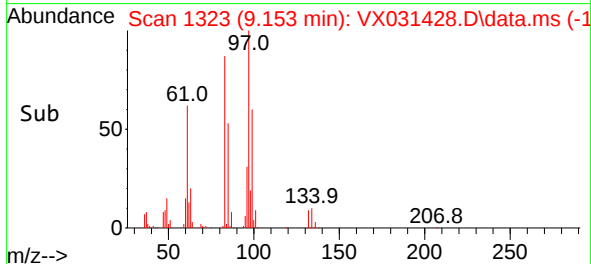
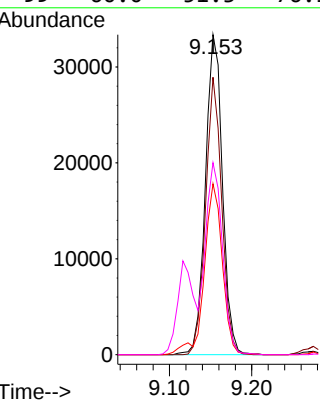
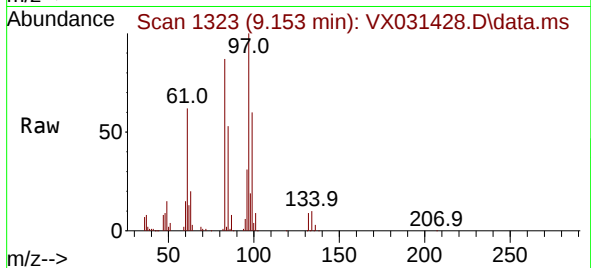
99 60.0 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#56

Ethyl methacrylate

Concen: 47.759 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

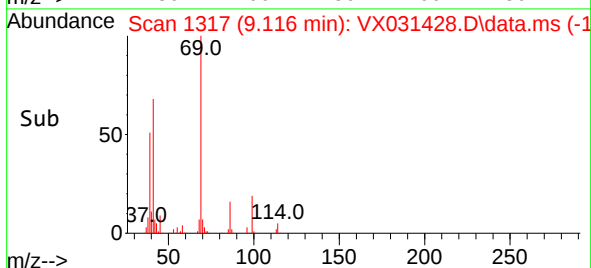
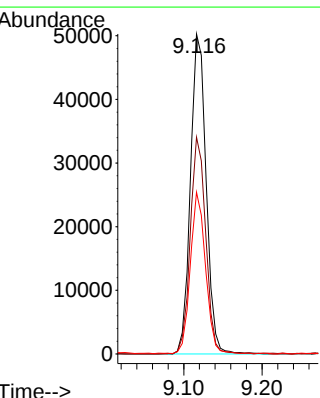
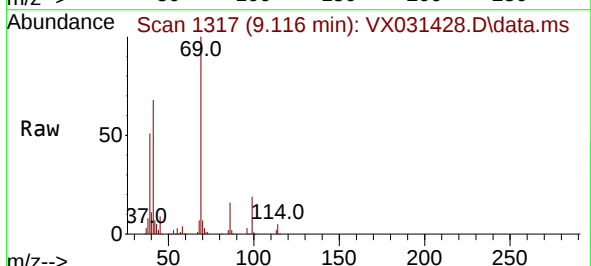
Tgt Ion: 69 Resp: 69854

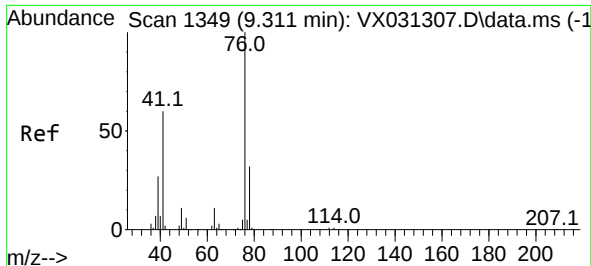
Ion Ratio Lower Upper

69 100

41 67.0 54.2 81.4

39 49.3 34.2 51.2





#57

1,3-Dichloropropane

Concen: 49.943 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 7753

Ion Ratio Lower Upper

76 100

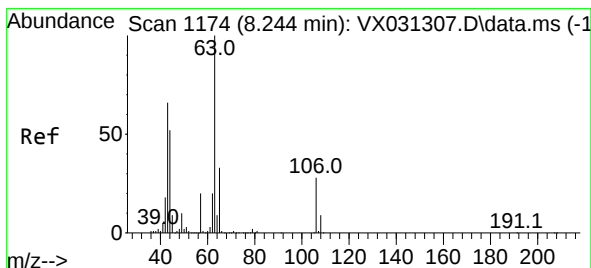
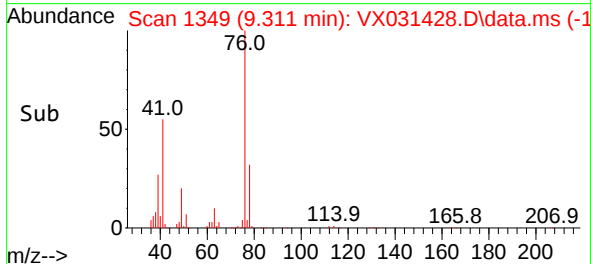
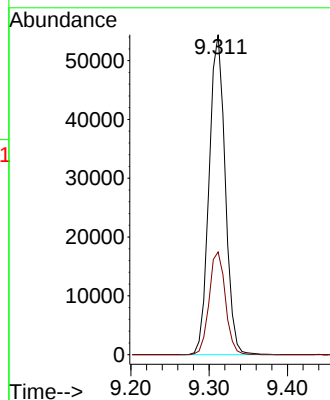
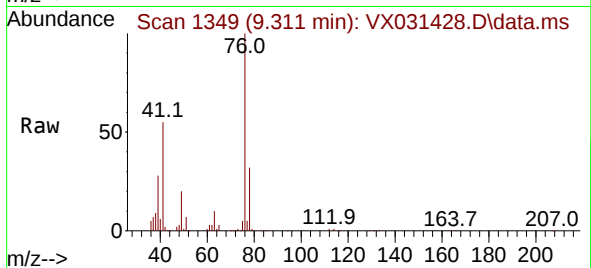
78 32.4 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 215.336 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031428.D

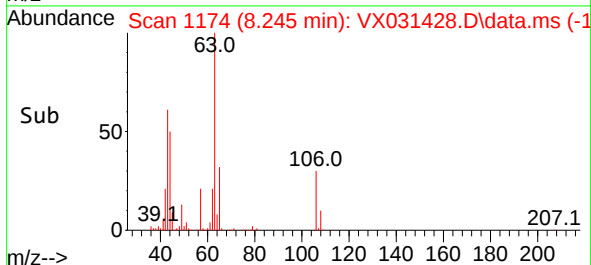
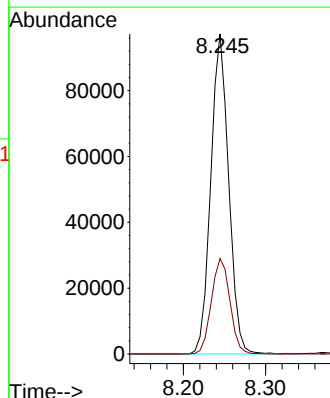
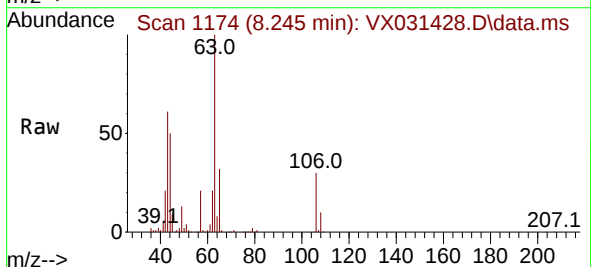
Acq: 16 Sep 2022 22:39

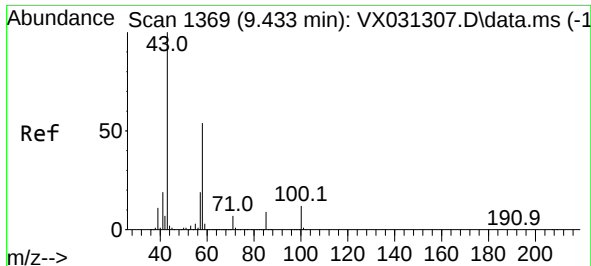
Tgt Ion: 63 Resp: 146748

Ion Ratio Lower Upper

63 100

106 30.8 22.6 34.0





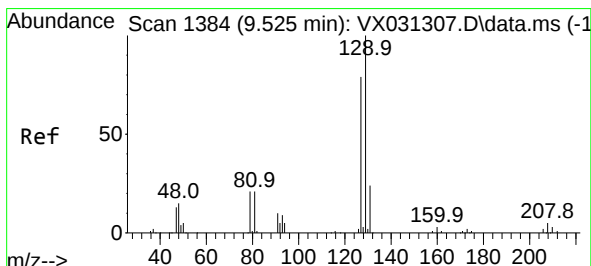
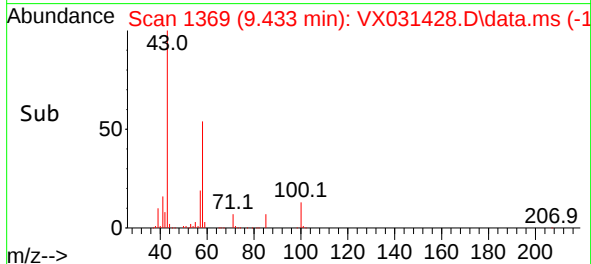
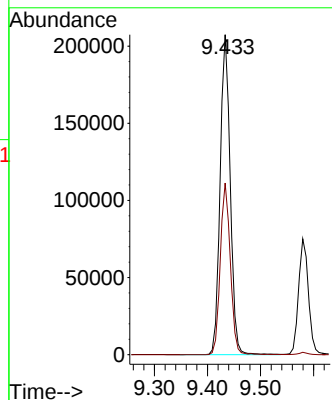
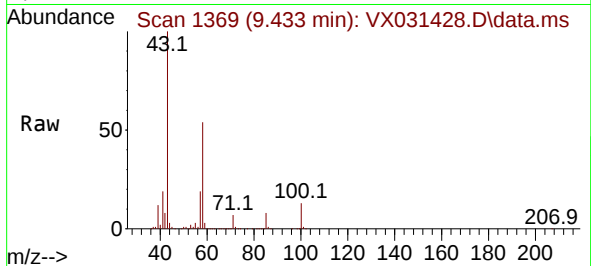
#59
2-Hexanone
Concen: 233.792 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27413
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.0

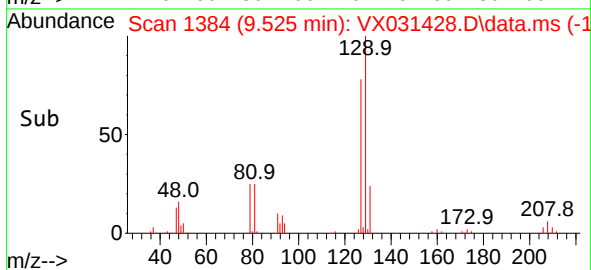
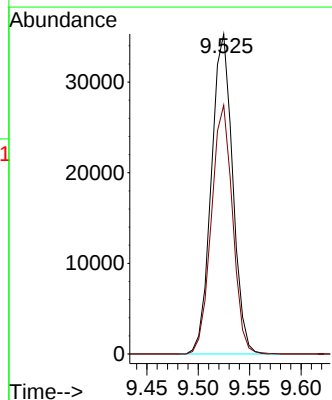
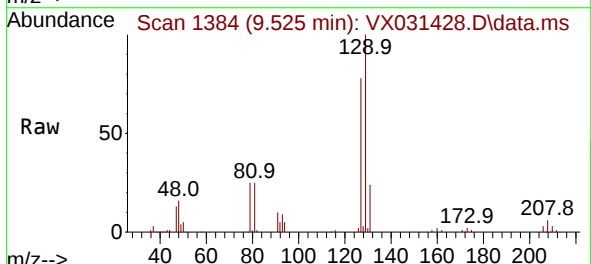
Manual Integrations
APPROVED

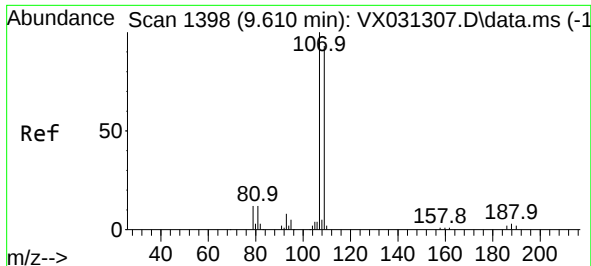
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#60
Dibromochloromethane
Concen: 52.226 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion:129 Resp: 50872
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





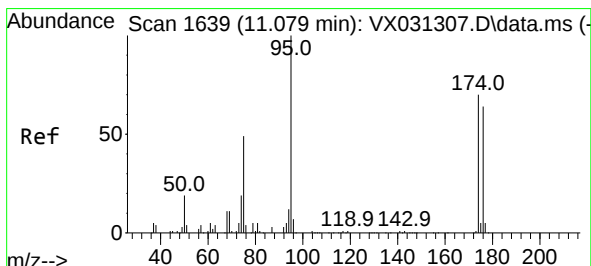
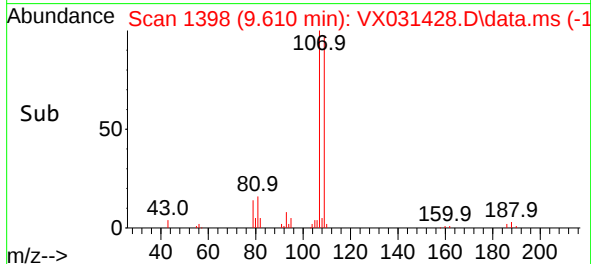
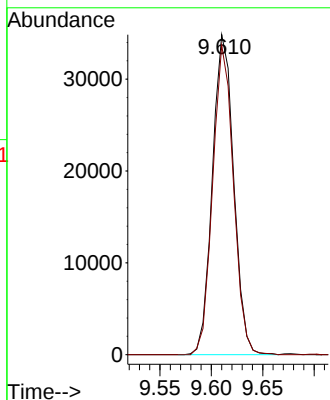
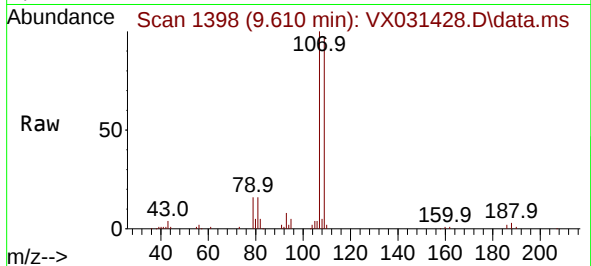
#61
1,2-Dibromoethane
Concen: 54.053 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5011
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

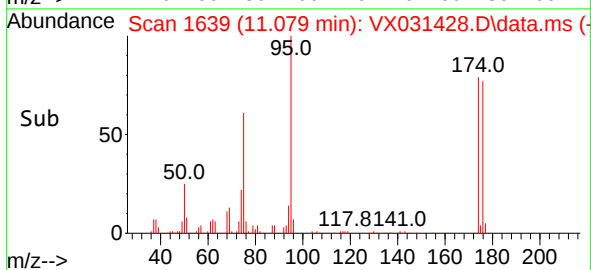
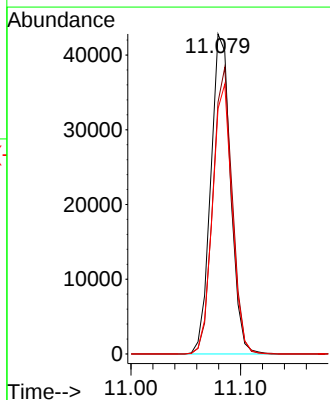
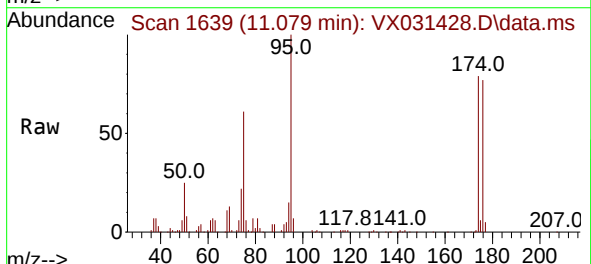
Manual Integrations
APPROVED

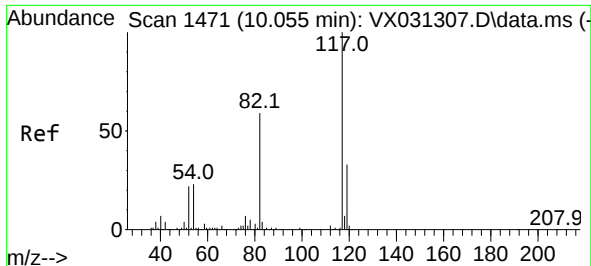
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 47.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

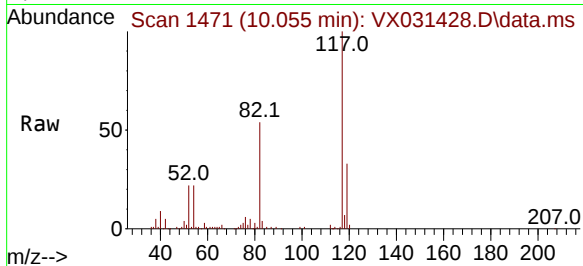
Tgt Ion: 95 Resp: 53875
Ion Ratio Lower Upper
95 100
174 87.3 0.0 153.2
176 83.6 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

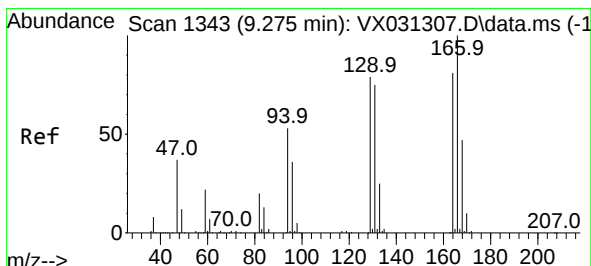
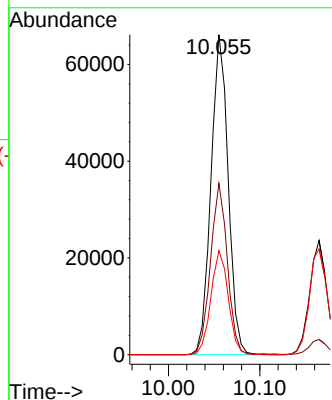
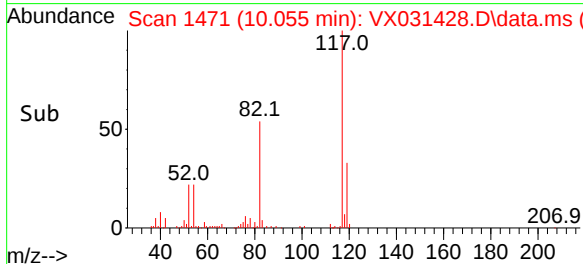
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 8624
Ion Ratio Lower Upper
117 100
82 53.5 46.8 70.2
119 32.5 26.4 39.6

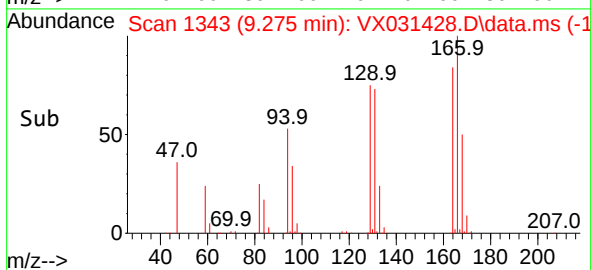
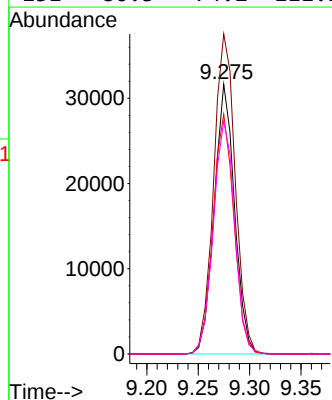
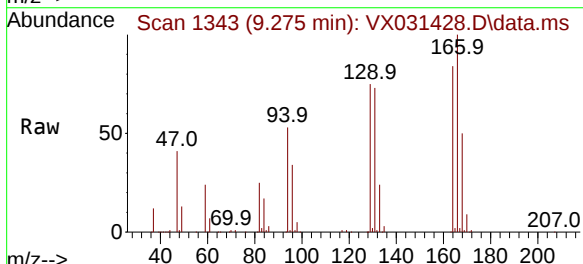
Manual Integrations
APPROVED

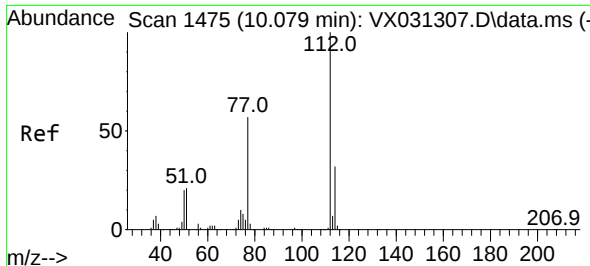
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 55.385 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

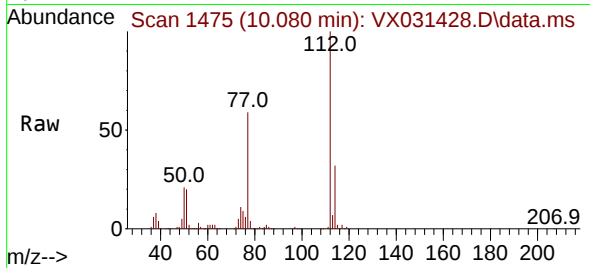
Tgt Ion:164 Resp: 43672
Ion Ratio Lower Upper
164 100
166 118.7 99.0 148.4
129 88.9 78.0 117.0
131 86.3 74.2 111.2





#65
Chlorobenzene
Concen: 53.695 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

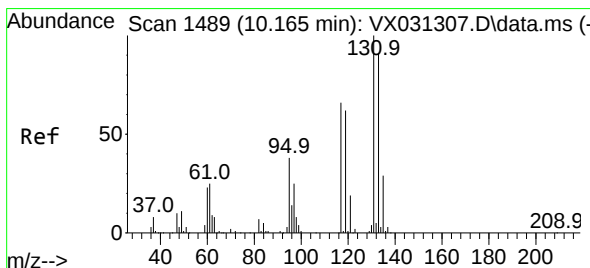
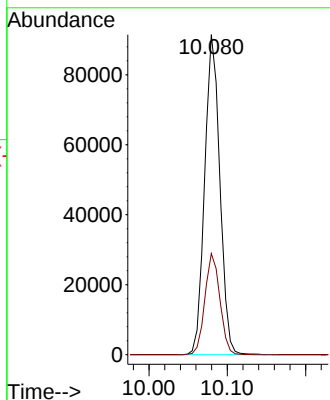
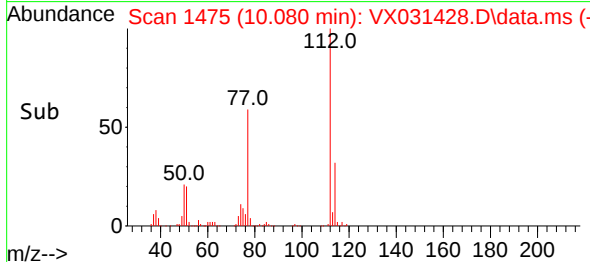
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 122640
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

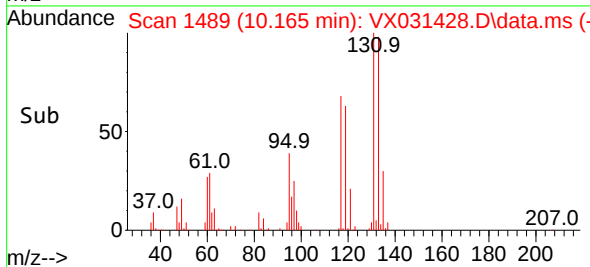
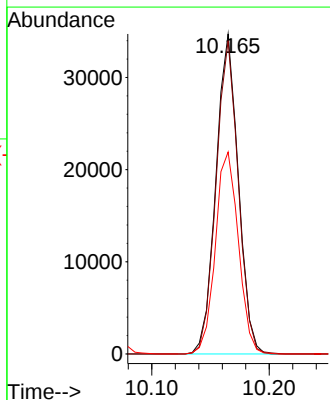
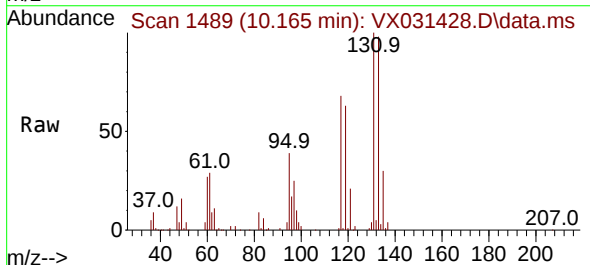
Manual Integrations
APPROVED

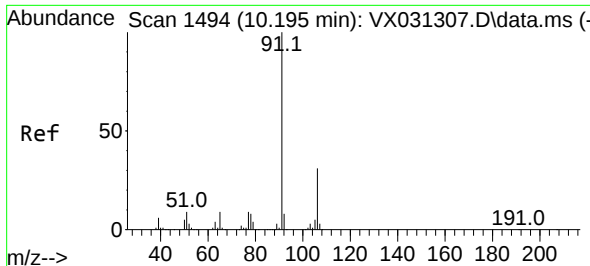
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.186 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion:131 Resp: 46064
Ion Ratio Lower Upper
131 100
133 96.8 46.6 139.7
119 64.7 31.9 95.9





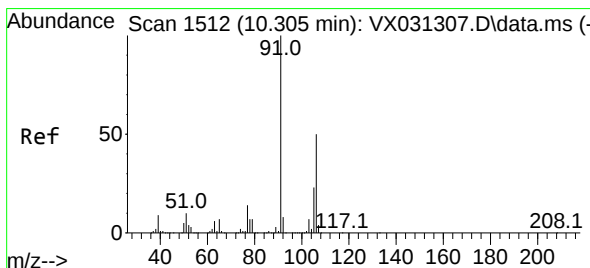
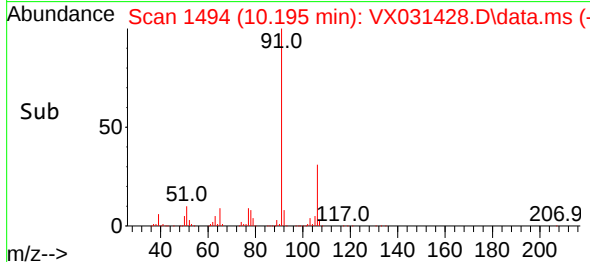
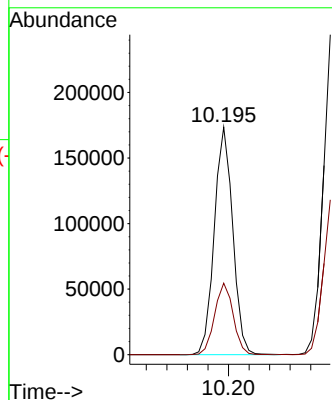
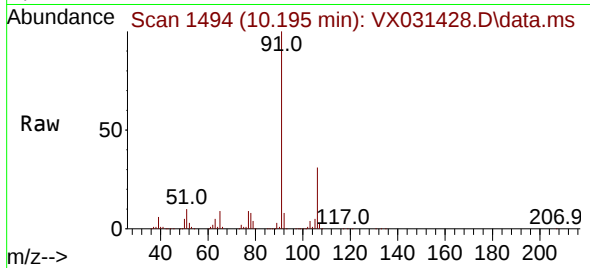
#67
Ethyl Benzene
Concen: 52.262 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 216214
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

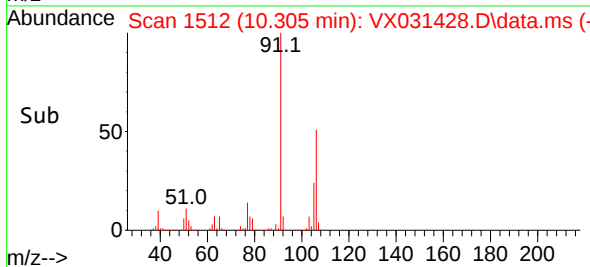
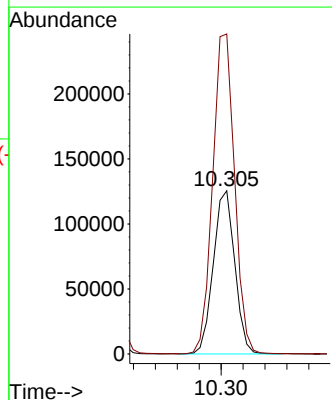
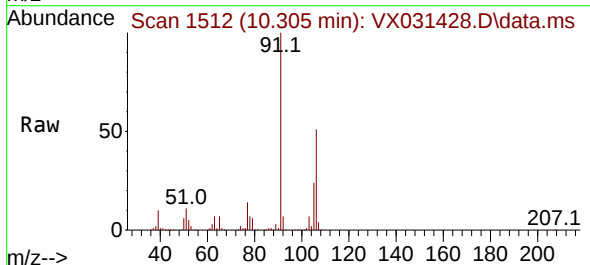
Manual Integrations
APPROVED

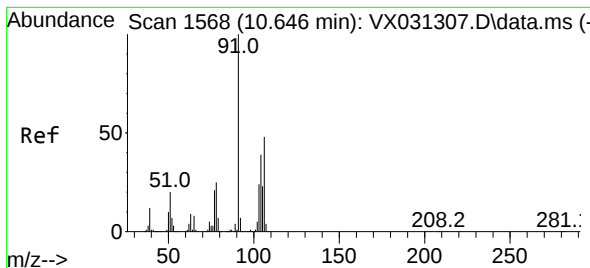
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
m/p-Xylenes
Concen: 108.799 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion:106 Resp: 170913
Ion Ratio Lower Upper
106 100
91 199.9 161.0 241.4





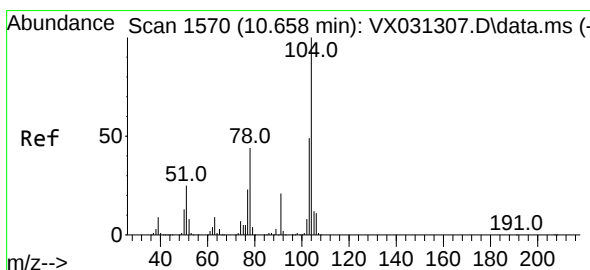
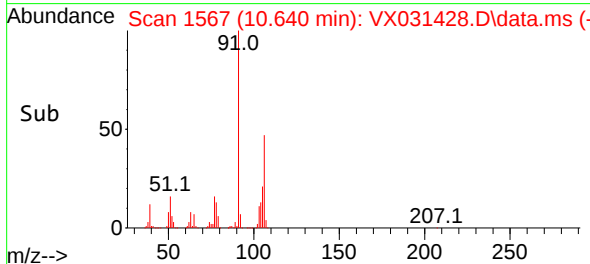
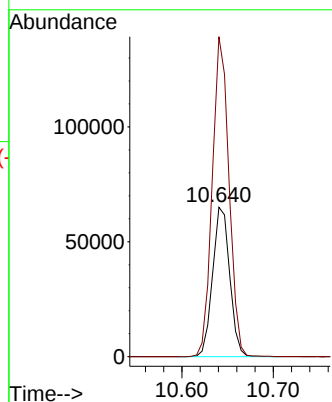
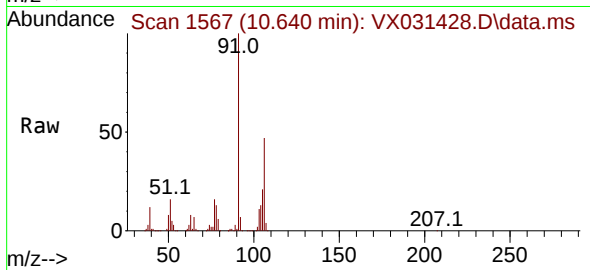
#69
o-Xylene
Concen: 53.003 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 84569
Ion Ratio Lower Upper
106 100
91 209.2 107.2 321.6

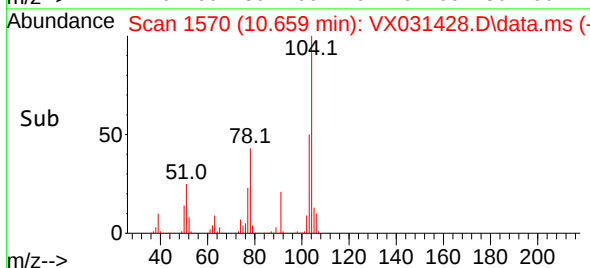
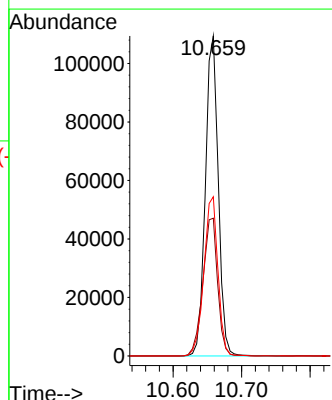
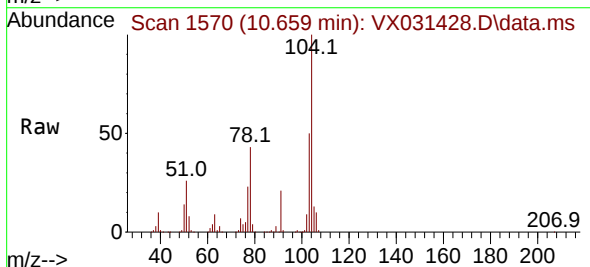
Manual Integrations
APPROVED

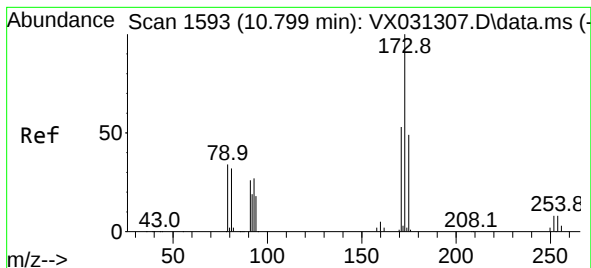
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 55.327 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Tgt Ion:104 Resp: 143550
Ion Ratio Lower Upper
104 100
78 49.4 41.4 62.2
103 54.3 43.8 65.8





#71

Bromoform

Concen: 52.260 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

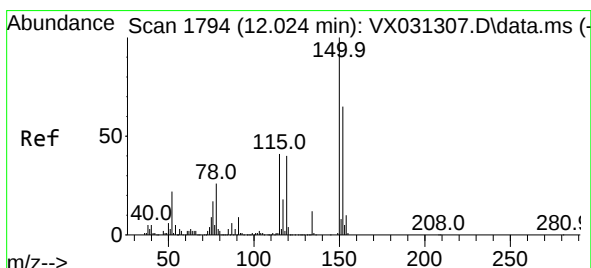
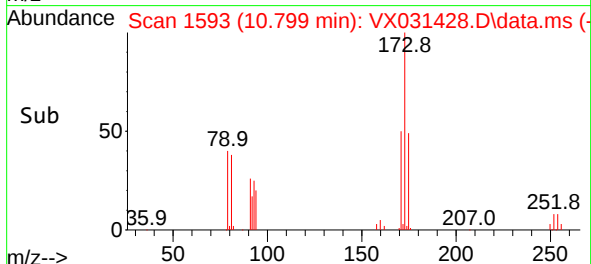
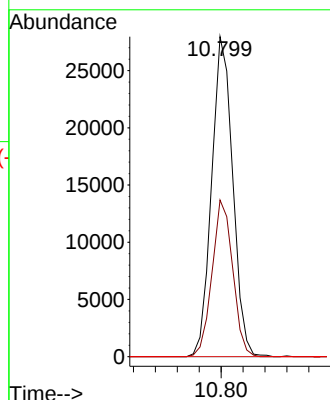
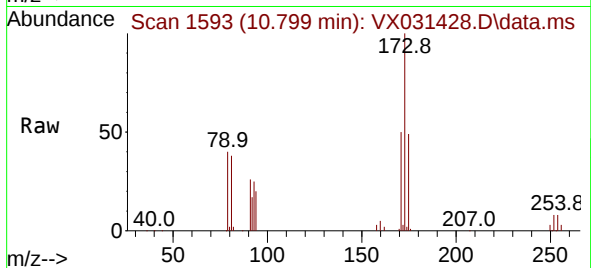
Tgt Ion:	173	Resp:	3744
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

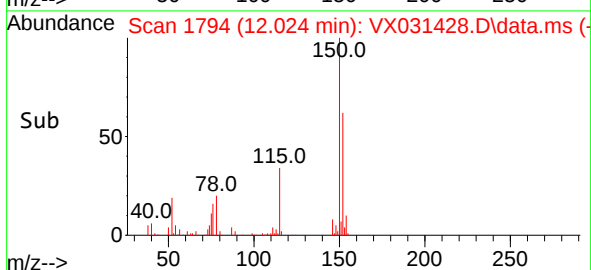
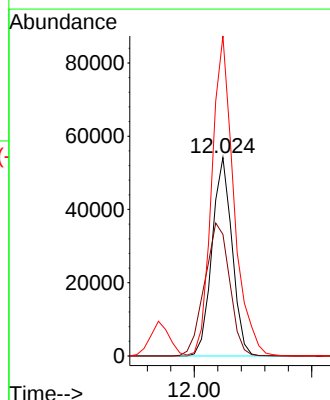
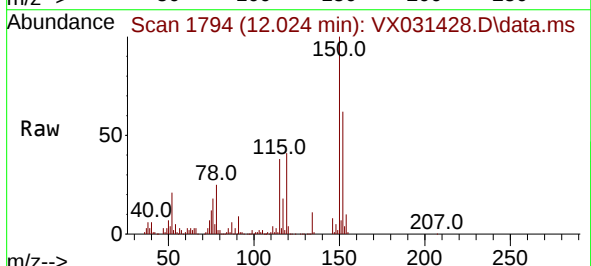
RT: 12.024 min Scan# 1794

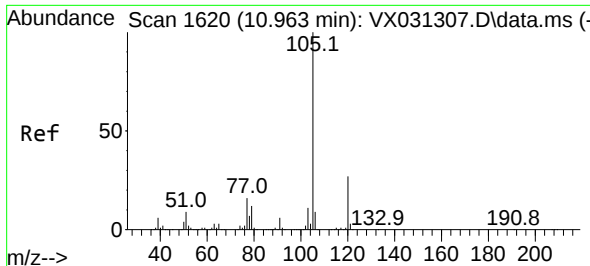
Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

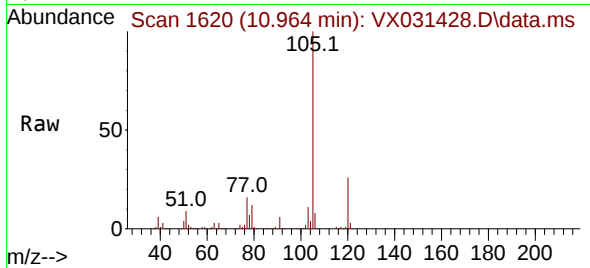
Tgt Ion:	152	Resp:	64126
Ion Ratio	Lower	Upper	
152	100		
115	83.7	43.4	130.1
150	177.1	0.0	346.8





#73
Isopropylbenzene
Concen: 47.541 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

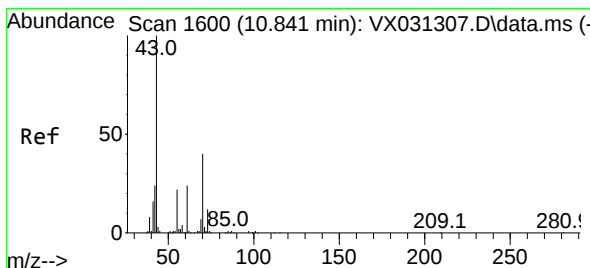
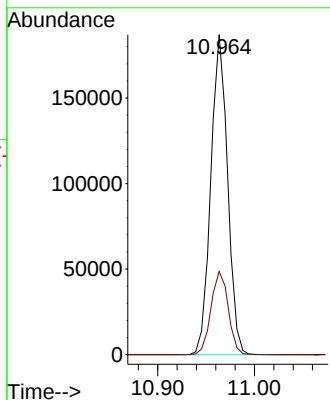
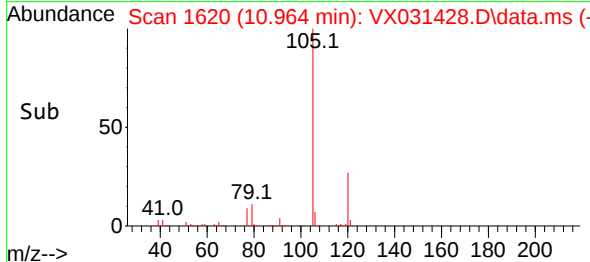
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



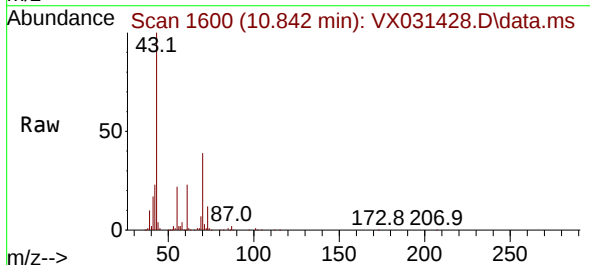
Tgt Ion: 105 Resp: 225174
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0

Manual Integrations
APPROVED

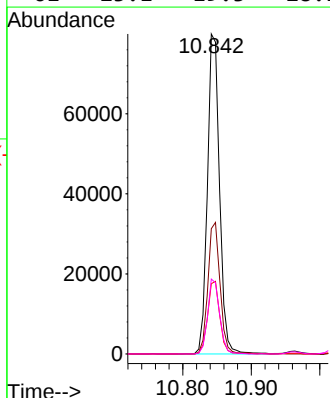
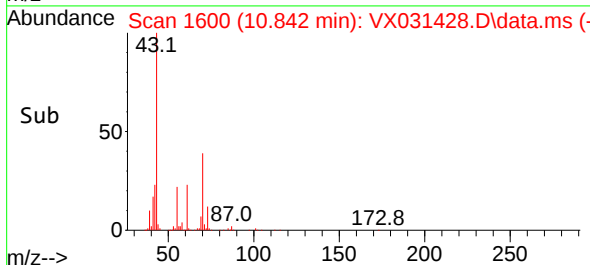
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

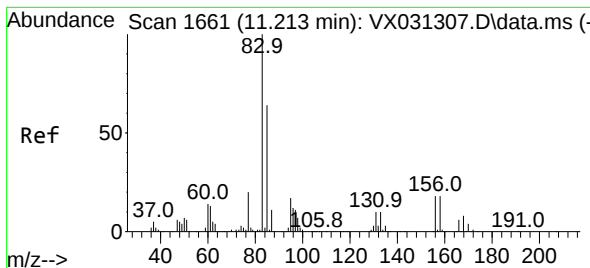


#74
N-ethyl acetate
Concen: 41.882 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



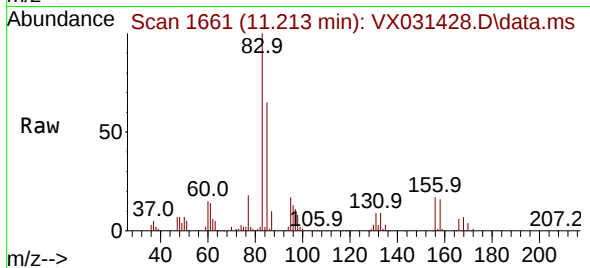
Tgt Ion: 43 Resp: 98618
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.2
55 22.8 18.2 27.2
61 23.1 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 45.613 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

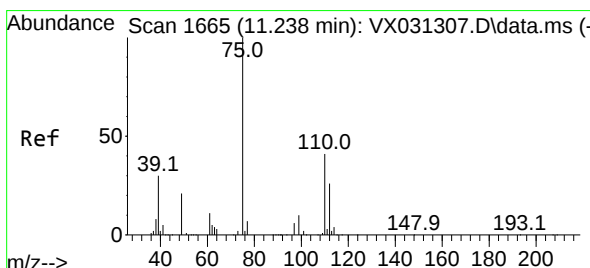
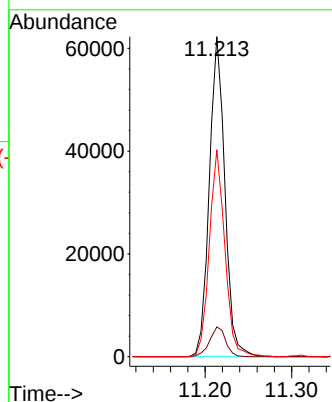
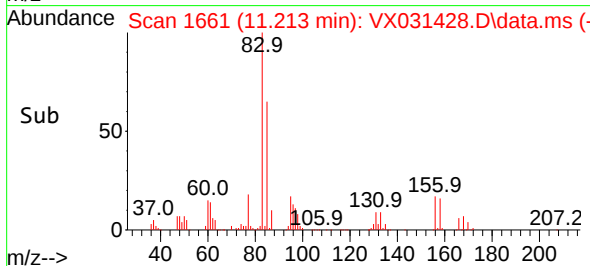
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



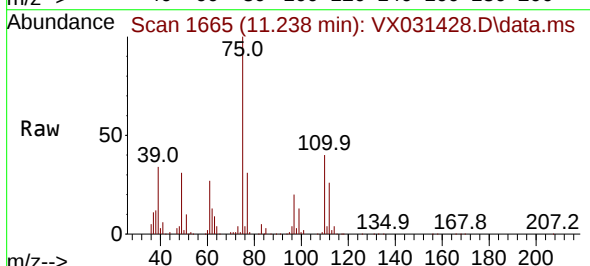
Tgt Ion: 83 Resp: 77640
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.4
85 64.8 32.6 97.8

Manual Integrations
APPROVED

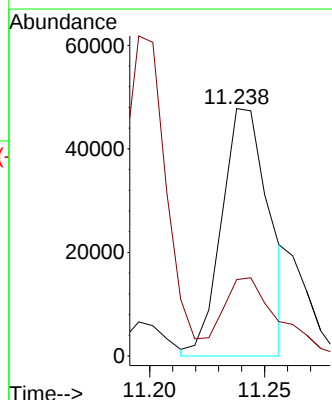
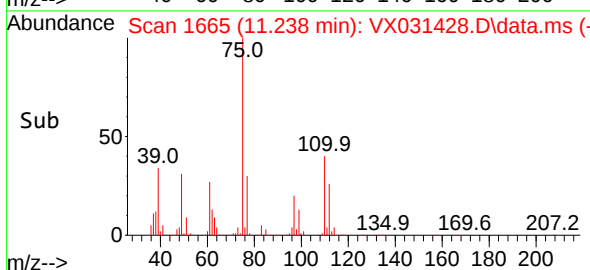
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

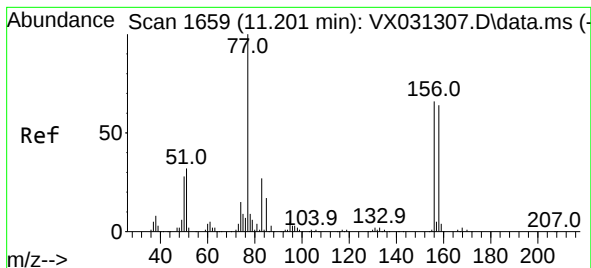


#76
1,2,3-Trichloropropane
Concen: 42.278 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion: 75 Resp: 68321
Ion Ratio Lower Upper
75 100
77 38.2 20.3 60.9





#77

Bromobenzene

Concen: 50.040 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

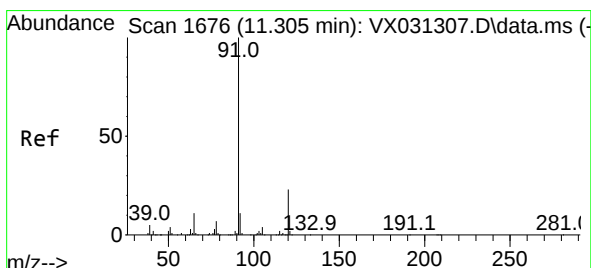
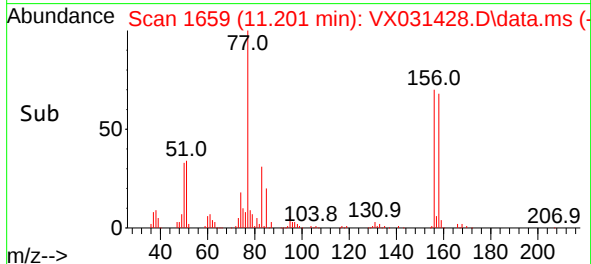
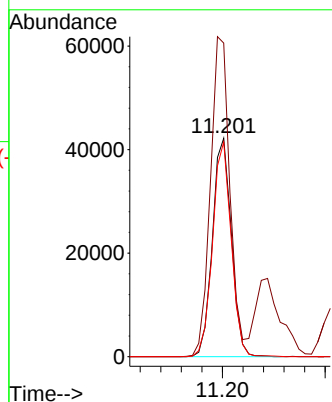
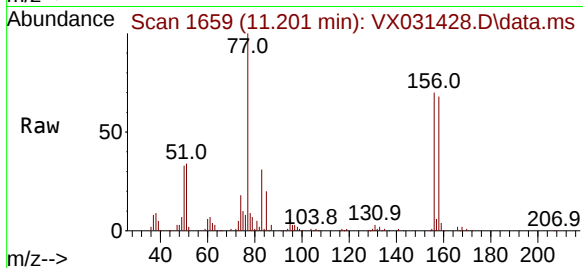
Tgt Ion:	156	Resp:	5404
Ion Ratio	Lower	Upper	
156	100		
77	149.6	79.5	238.6
158	96.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#78

n-propylbenzene

Concen: 46.912 ug/l

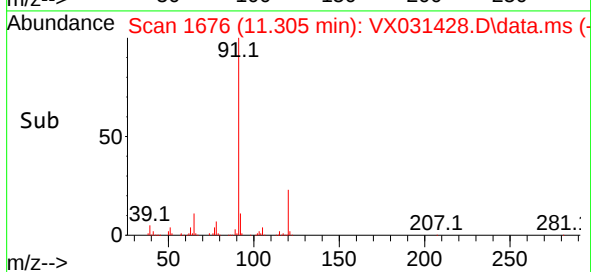
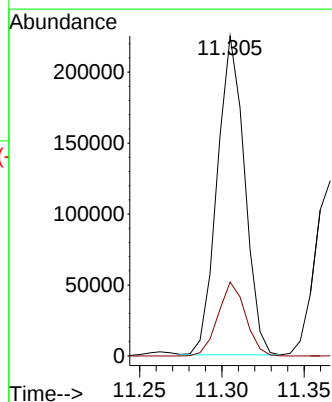
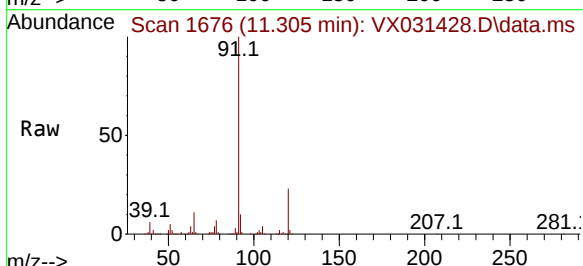
RT: 11.305 min Scan# 1676

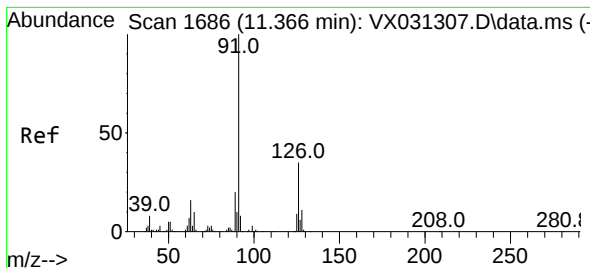
Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

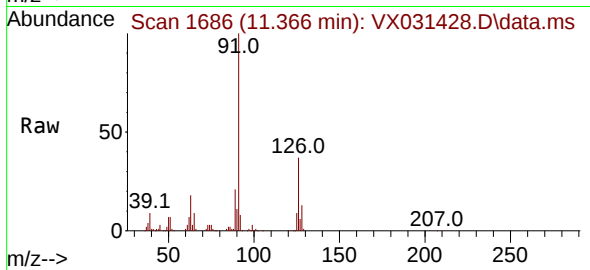
Tgt Ion:	91	Resp:	260763
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.4





#79
2-Chlorotoluene
Concen: 44.630 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

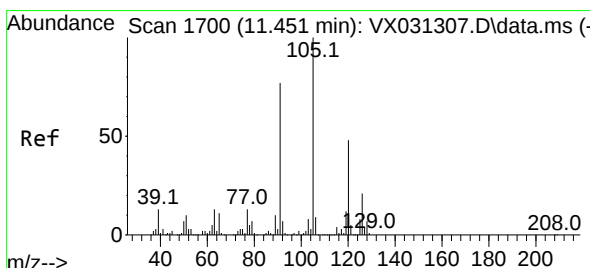
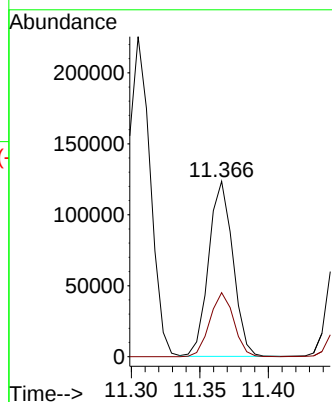
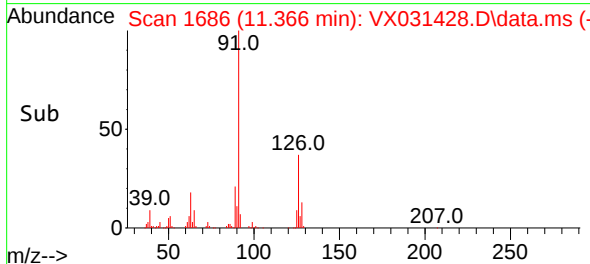
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



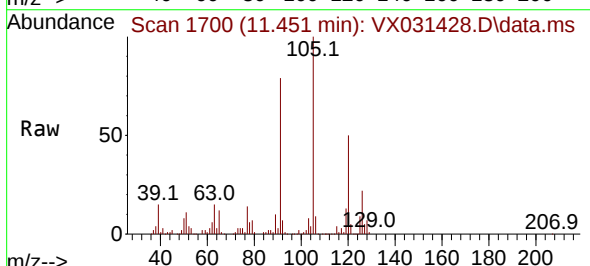
Tgt Ion: 91 Resp: 151794
Ion Ratio Lower Upper
91 100
126 36.1 17.4 52.3

Manual Integrations
APPROVED

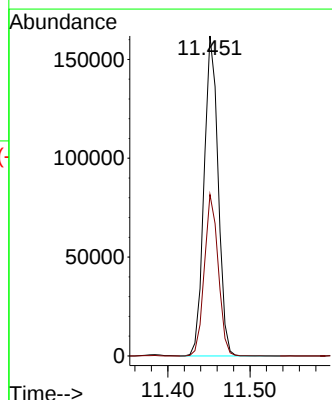
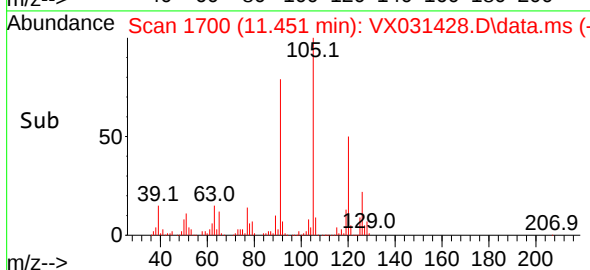
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

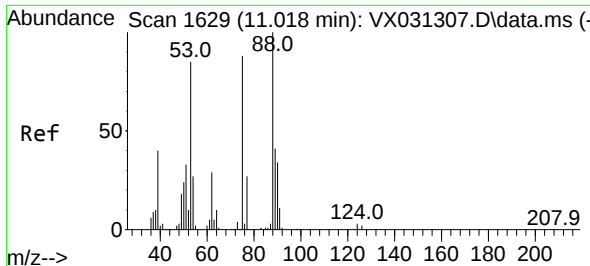


#80
1,3,5-Trimethylbenzene
Concen: 48.431 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion:105 Resp: 192187
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5





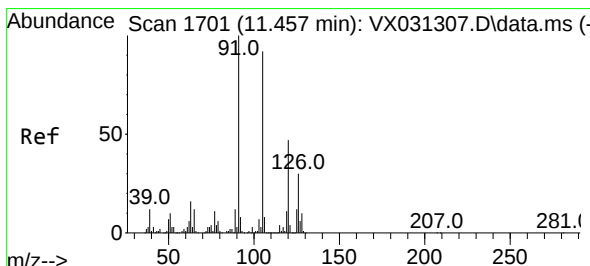
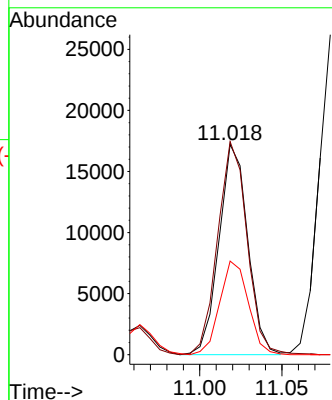
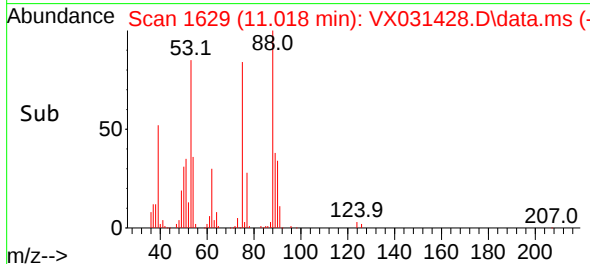
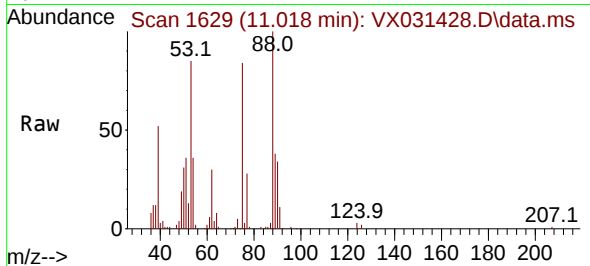
#81
trans-1,4-Dichloro-2-butene
Concen: 35.922 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 20979
Ion Ratio Lower Upper
75 100
53 103.5 77.6 116.4
89 44.2 37.4 56.0

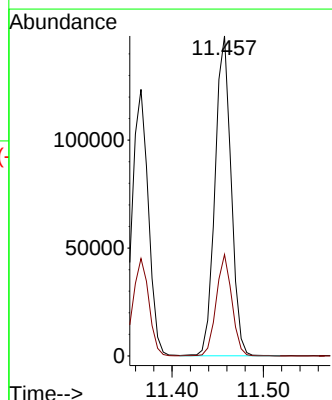
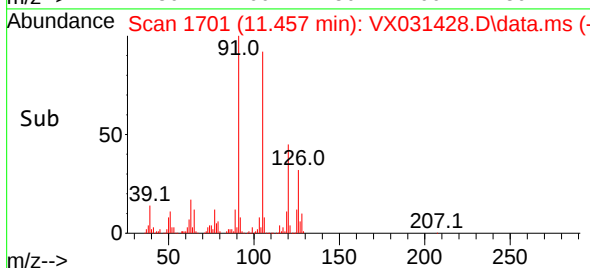
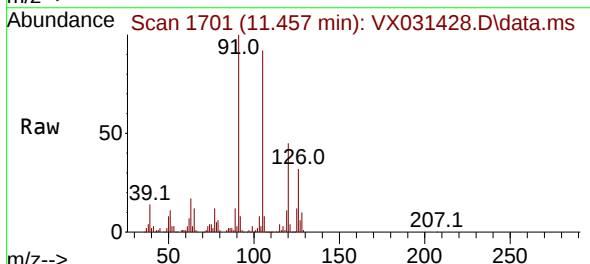
Manual Integrations
APPROVED

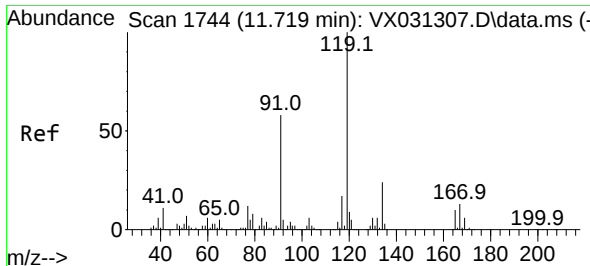
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 46.588 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

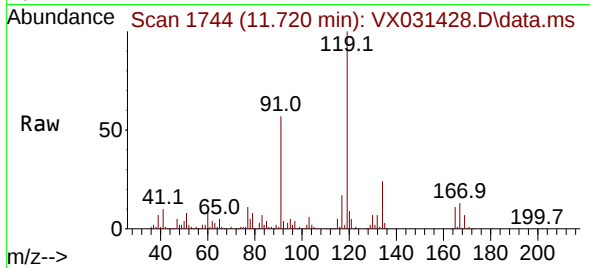
Tgt Ion: 91 Resp: 181620
Ion Ratio Lower Upper
91 100
126 30.8 15.1 45.3





#83
 tert-Butylbenzene
 Concen: 47.793 ug/l
 RT: 11.720 min Scan# 1174
 Delta R.T. 0.000 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39

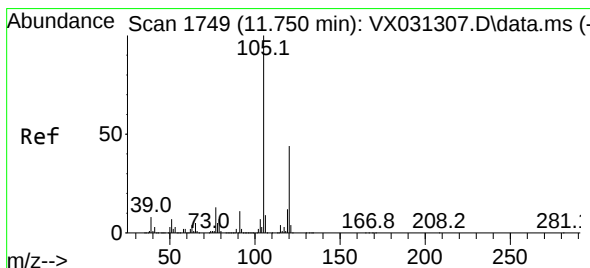
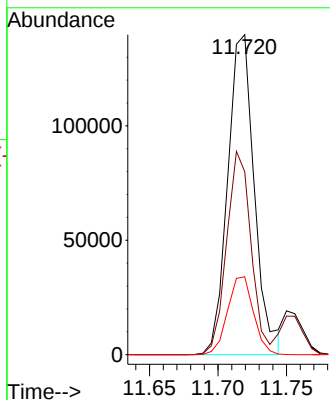
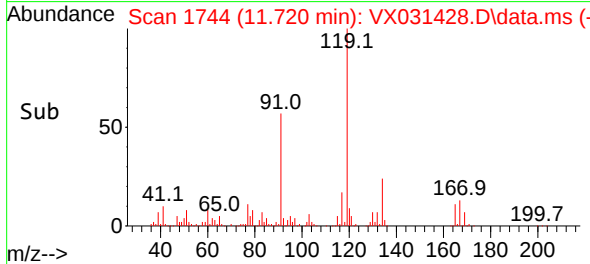
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



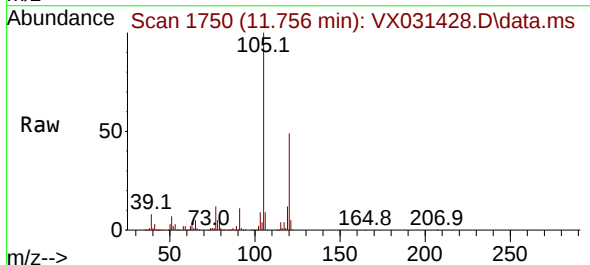
Tgt Ion:119 Resp: 18974
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.2 87.6
 134 23.7 11.6 34.8

Manual Integrations
 APPROVED

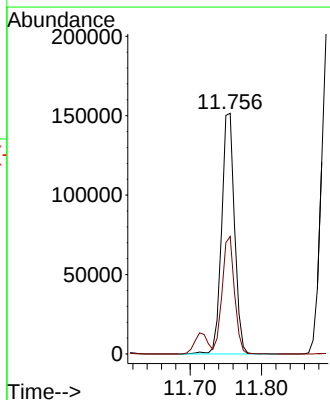
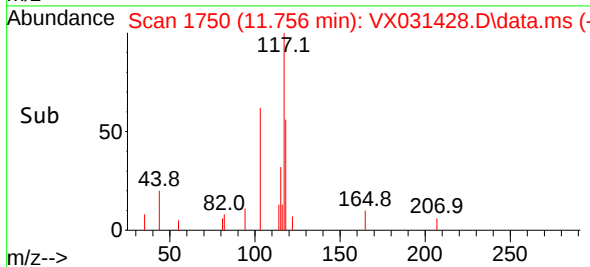
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

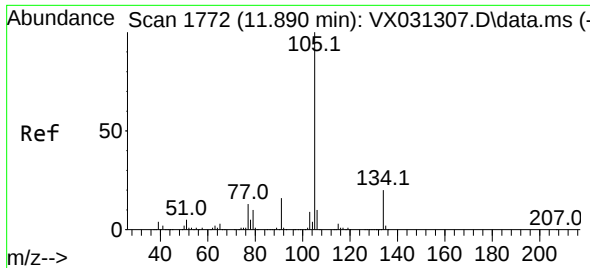


#84
 1,2,4-Trimethylbenzene
 Concen: 48.248 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39



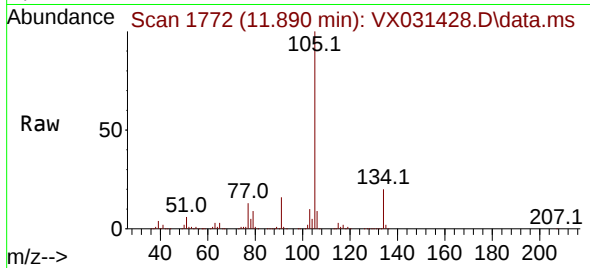
Tgt Ion:105 Resp: 190294
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 48.349 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39

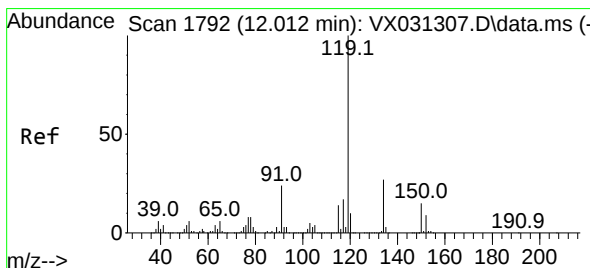
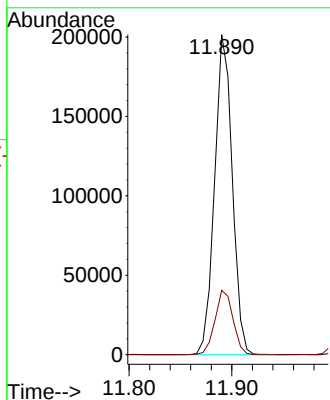
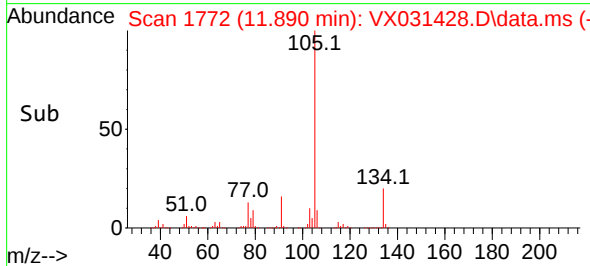
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



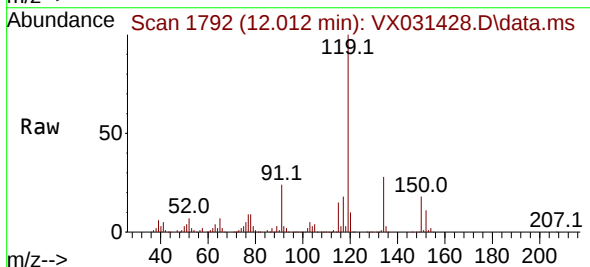
Tgt Ion:105 Resp: 24036
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

Manual Integrations
 APPROVED

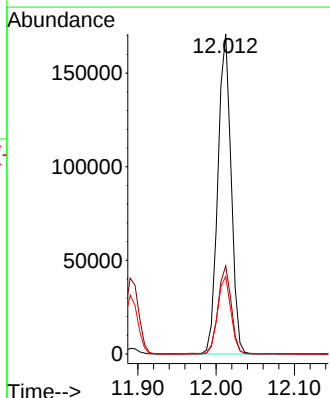
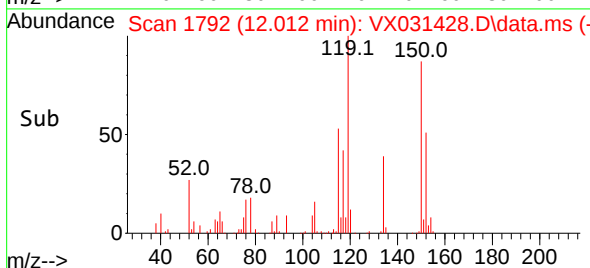
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

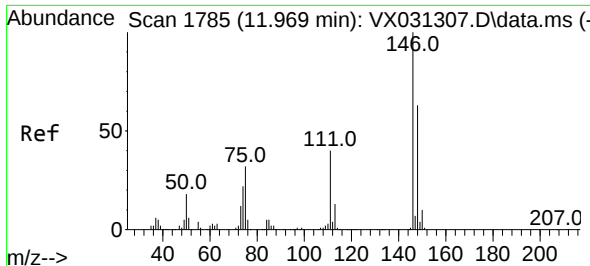


#86
 p-Isopropyltoluene
 Concen: 49.714 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031428.D
 Acq: 16 Sep 2022 22:39



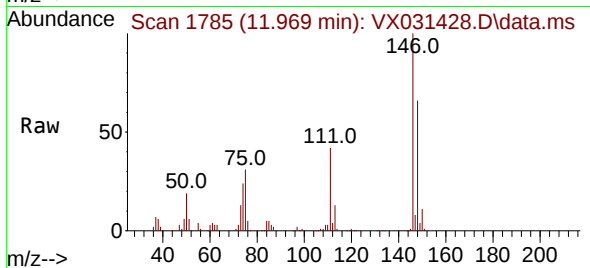
Tgt Ion:119 Resp: 201398
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.310 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

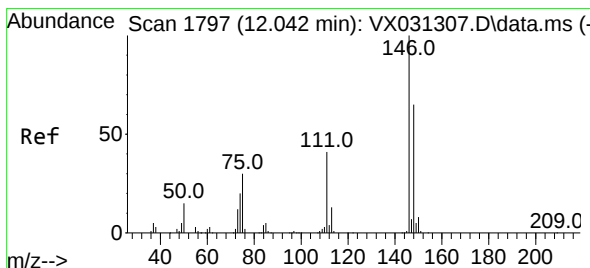
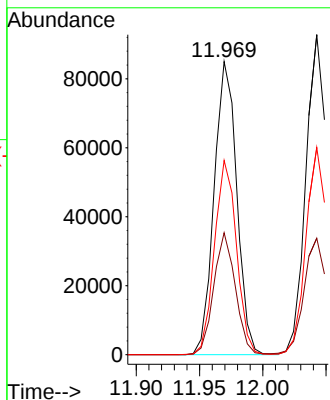
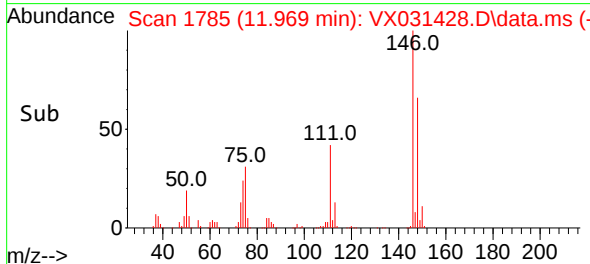
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



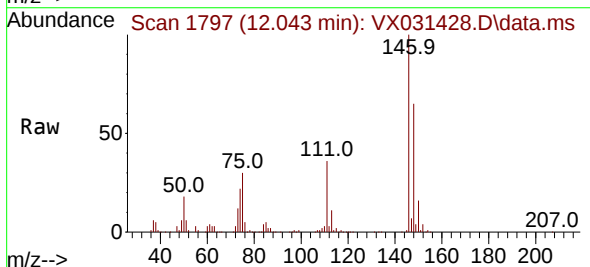
Tgt Ion:146 Resp: 105640
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 64.4 31.5 94.5

Manual Integrations
APPROVED

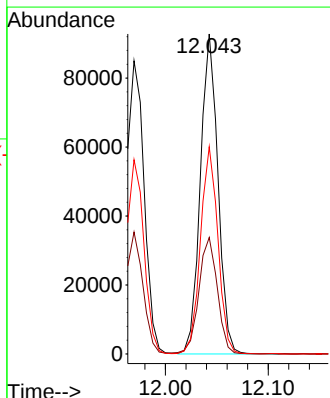
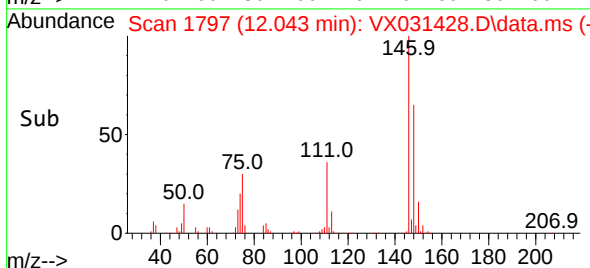
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,4-Dichlorobenzene
Concen: 52.210 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion:146 Resp: 110485
Ion Ratio Lower Upper
146 100
111 38.3 20.5 61.5
148 64.4 32.0 96.2





#89

n-Butylbenzene

Concen: 48.683 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 174880

Ion Ratio Lower Upper

91 100

92 52.5 27.0 81.0

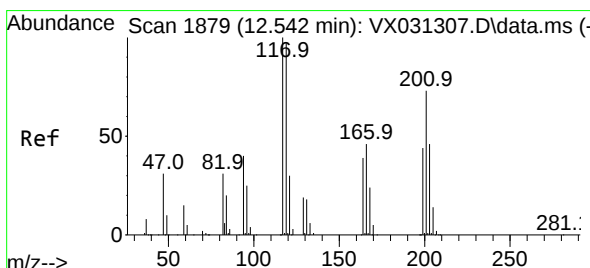
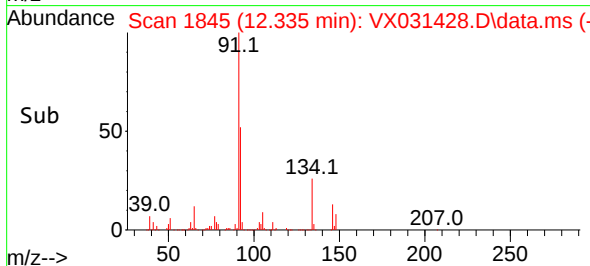
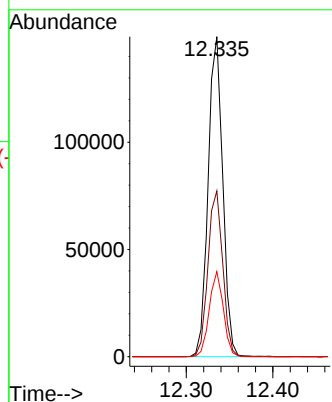
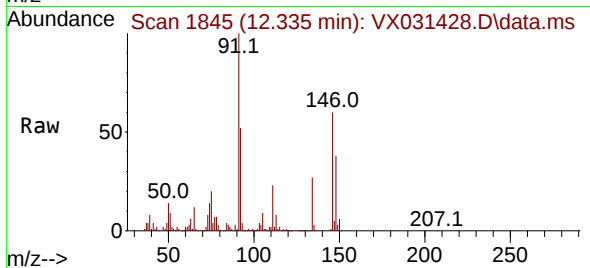
134 25.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#90

Hexachloroethane

Concen: 44.192 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031428.D

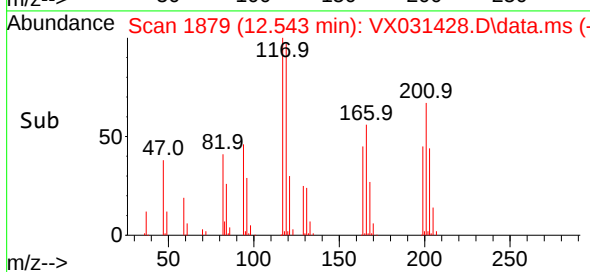
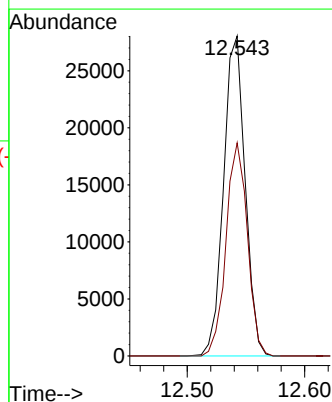
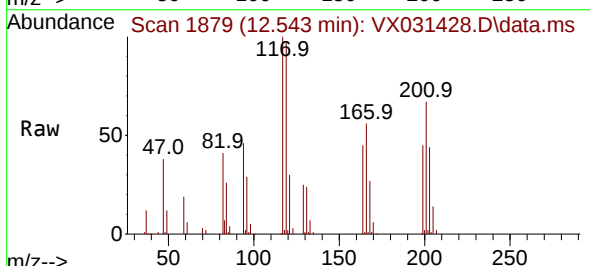
Acq: 16 Sep 2022 22:39

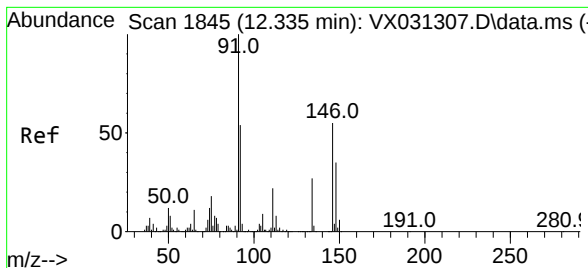
Tgt Ion:117 Resp: 35752

Ion Ratio Lower Upper

117 100

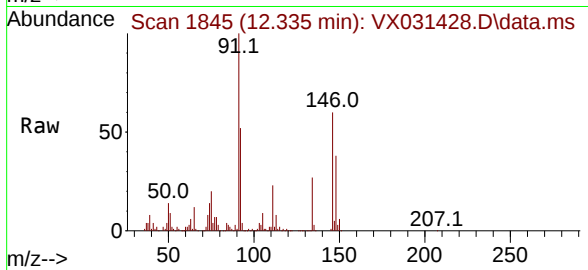
201 66.1 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 51.861 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

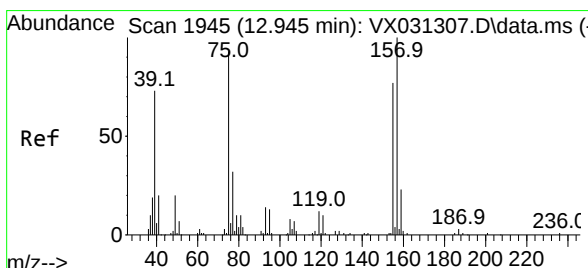
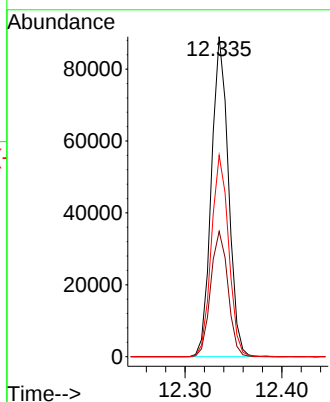
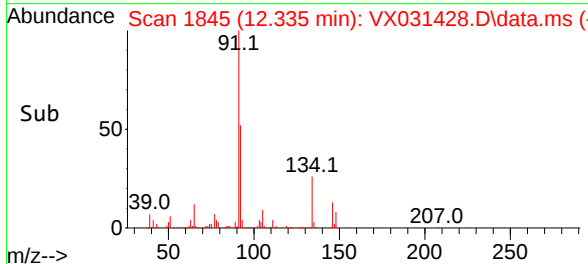
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



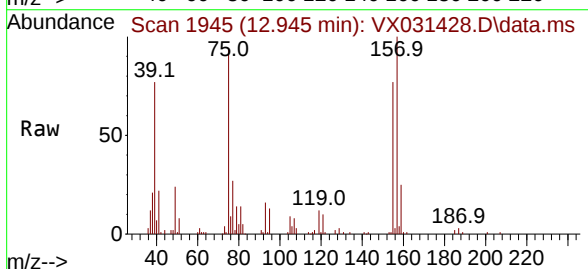
Tgt Ion:146 Resp: 108714
Ion Ratio Lower Upper
146 100
111 39.8 20.6 61.8
148 64.1 31.6 95.0

Manual Integrations
APPROVED

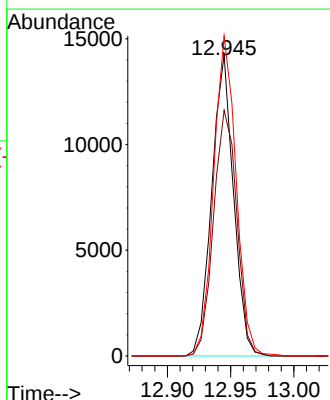
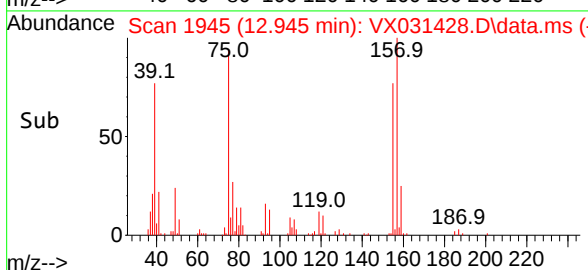
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

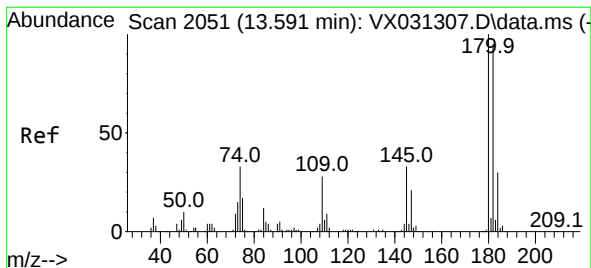


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.376 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion: 75 Resp: 17029
Ion Ratio Lower Upper
75 100
155 87.1 40.3 120.8
157 109.5 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 55.057 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

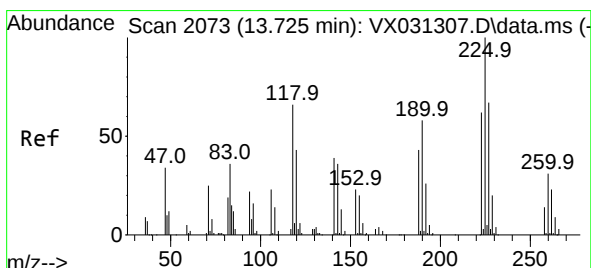
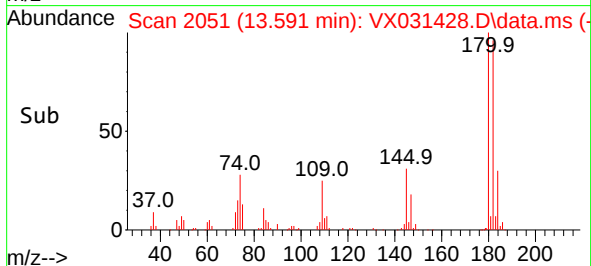
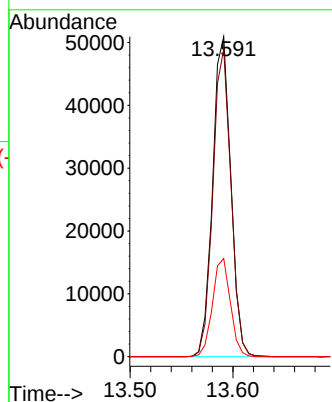
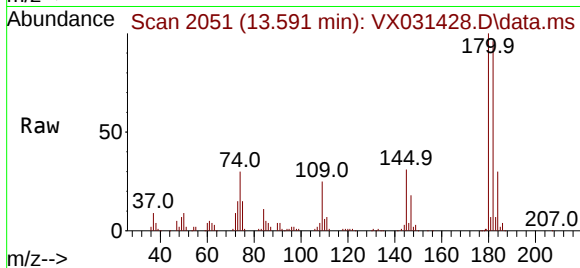
Tgt Ion:	180	Resp:	6249
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.9	140.6
145	30.2	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 51.420 ug/l

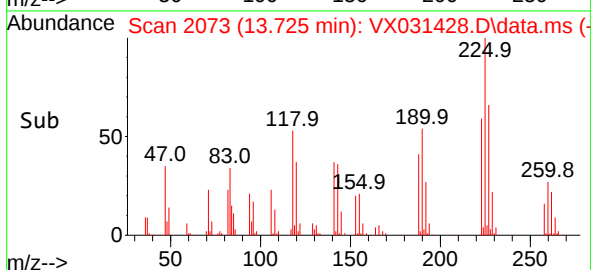
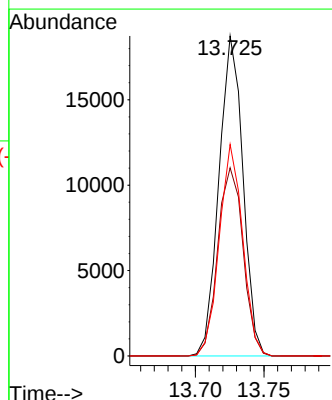
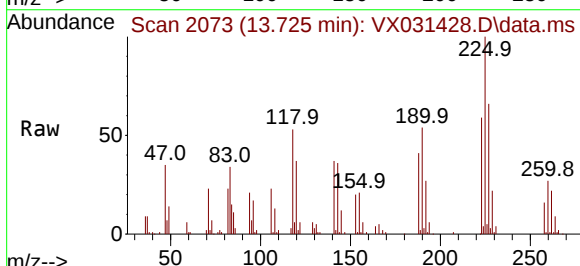
RT: 13.725 min Scan# 2073

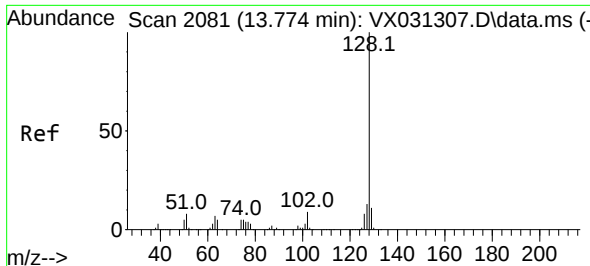
Delta R.T. 0.000 min

Lab File: VX031428.D

Acq: 16 Sep 2022 22:39

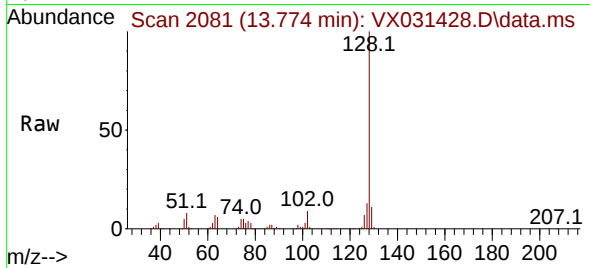
Tgt Ion:	225	Resp:	22784
Ion Ratio	Lower	Upper	
225	100		
223	62.3	30.8	92.4
227	64.6	32.3	96.9





#95
Naphthalene
Concen: 50.076 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39

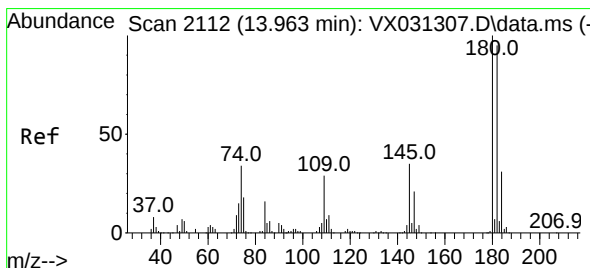
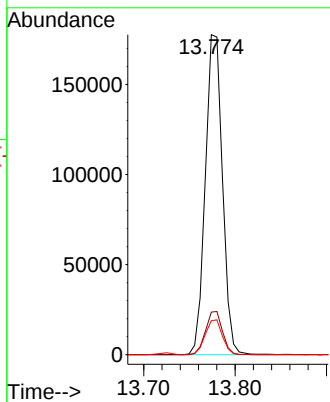
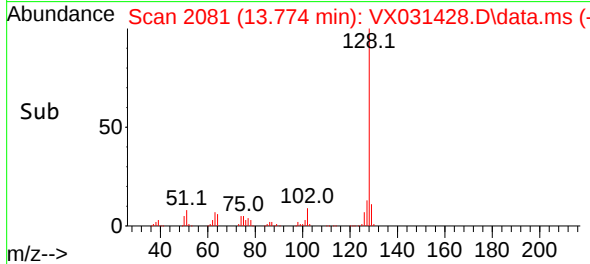
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



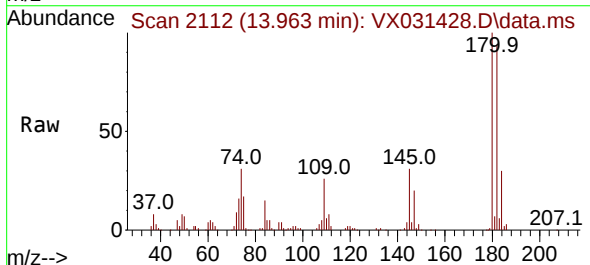
Tgt Ion:128 Resp: 230930
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.817 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031428.D
Acq: 16 Sep 2022 22:39



Tgt Ion:180 Resp: 64202
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 32.2 17.6 52.8

