

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082121\
 Data File : VX023868.D
 Acq On : 20 Aug 2021 09:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	128331	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	121744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22418	4.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.672	69	29283	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.306	63	73051	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.458	46	94544	46.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.062	84	86579	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.958	65	43222	4.634	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.976	84	162871	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	7.312	67	50182	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	8.653	98	155711	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.952	79	14307	4.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	9.384	63	75540	46.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35585	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	57239	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66917	5.335	ug/L	100
3) Chloromethane	1.294	50	53786	5.235	ug/L	99
5) Vinyl chloride	1.374	62	56653	5.372	ug/L	96
6) Bromomethane	1.611	94	33902	5.111	ug/L	98
8) Chloroethane	1.691	64	32464	5.076	ug/L	95
9) Trichlorofluoromethane	1.892	101	85666	5.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	49215	5.497	ug/L	98
12) 1,1-Dichloroethene	2.319	96	44000	5.188	ug/L	92
13) Acetone	2.386	43	63188	49.906	ug/L	90
14) Carbon disulfide	2.514	76	125061	5.489	ug/L	99
15) Methyl Acetate	2.709	43	16646	4.953	ug/L	92
16) Methylene chloride	2.794	84	48110	4.287	ug/L	92
17) Methyl tert-butyl Ether	3.117	73	97352	5.149	ug/L	# 95
18) trans-1,2-Dichloroethene	3.093	96	46387	5.288	ug/L	93
19) 1,1-Dichloroethane	3.611	63	84402	5.375	ug/L	96
21) 2-Butanone	4.562	43	105118	49.643	ug/L	92
22) cis-1,2-Dichloroethene	4.489	96	49609	5.270	ug/L	89
23) Bromochloromethane	4.903	128	21457	5.302	ug/L	96
25) Chloroform	5.099	83	88752	5.272	ug/L	100

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Instrument :
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 ClientSampleId :

Quant Time: Aug 21 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
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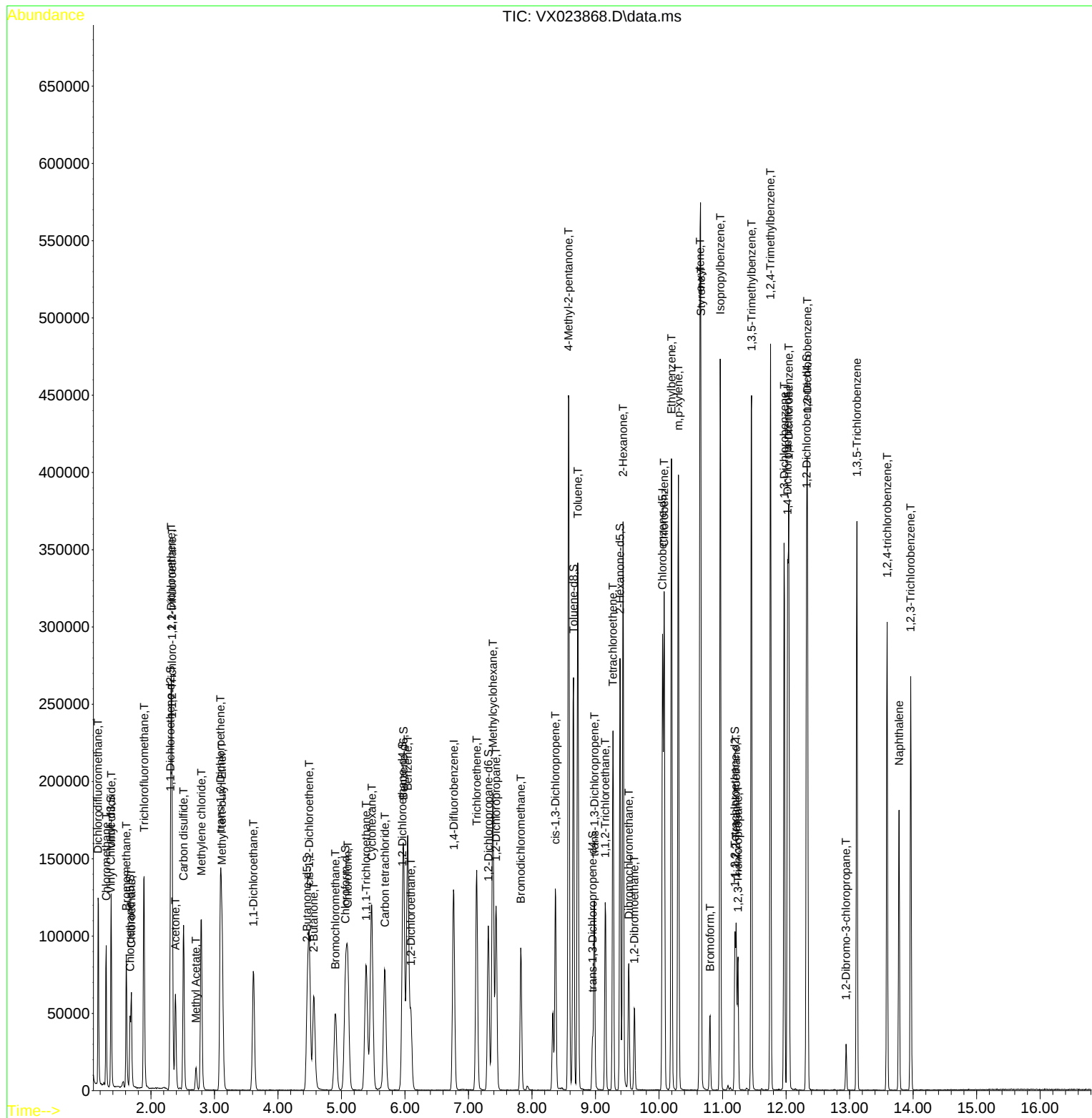
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	54982	5.326	ug/L	96
29) 1,1,1-Trichloroethane	5.385	97	78231	5.322	ug/L	98
30) Cyclohexane	5.477	56	77505	5.266	ug/L	97
31) Carbon tetrachloride	5.684	117	68955	5.459	ug/L	100
33) Benzene	6.044	78	191354	5.276	ug/L	100
34) Trichloroethene	7.129	95	51456	5.167	ug/L	97
35) Methylcyclohexane	7.385	83	83378	5.423	ug/L	95
37) 1,2-Dichloropropane	7.434	63	46793	5.178	ug/L	98
38) Bromodichloromethane	7.824	83	55353	5.207	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	65221	5.315	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	260461	49.679	ug/L	91
42) Toluene	8.720	91	211947	5.407	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	53689	5.287	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	31420	5.086	ug/L	96
47) Tetrachloroethene	9.275	164	41949	5.244	ug/L	93
48) 2-Hexanone	9.433	43	186805	49.664	ug/L #	90
49) Dibromochloromethane	9.525	129	35163	5.316	ug/L	97
50) 1,2-Dibromoethane	9.610	107	27911	4.884	ug/L	98
51) Chlorobenzene	10.079	112	132931	5.221	ug/L	99
52) Ethylbenzene	10.195	91	226545	5.385	ug/L	100
53) m,p-xylene	10.305	106	90648	5.438	ug/L	100
54) o-xylene	10.646	106	86144	5.392	ug/L	98
55) Styrene	10.659	104	142869	5.373	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	35752	5.112	ug/L	98
59) Bromoform	10.805	173	17139	5.163	ug/L #	97
60) Isopropylbenzene	10.963	105	233241	5.518	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	26819	5.218	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	194313	5.594	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	199268	5.626	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	108984	5.489	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	106831	5.362	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98248	5.387	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	4996	4.922	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	80391	5.411	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	65161	5.502	ug/L	98
71) Naphthalene	13.780	128	106566	5.330	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	58374	5.367	ug/L	98

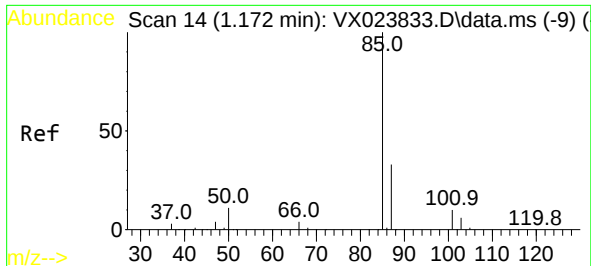
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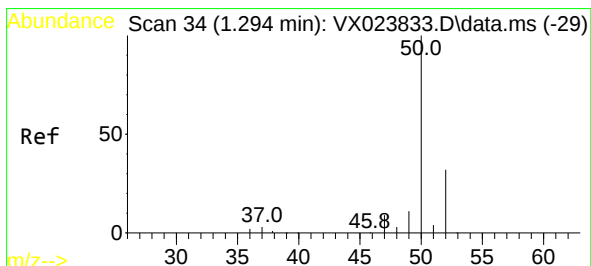
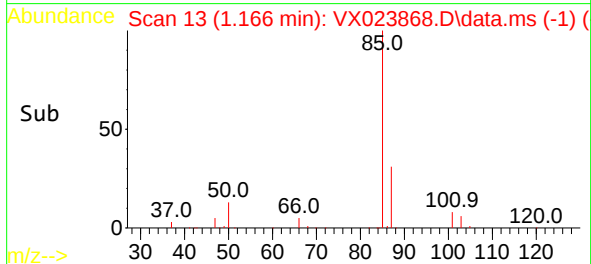
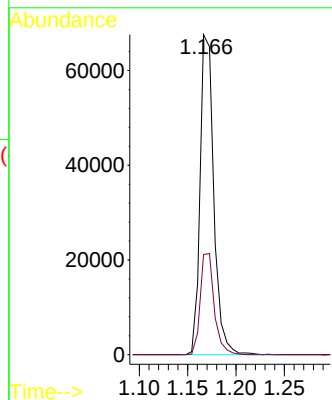
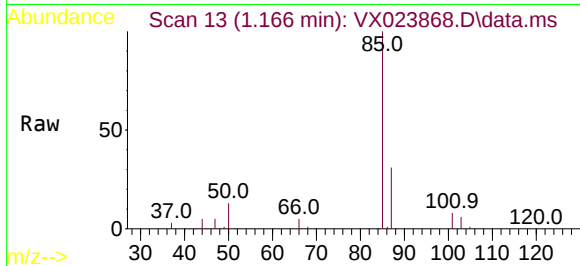




#2
Dichlorodifluoromethane
Concen: 5.335 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

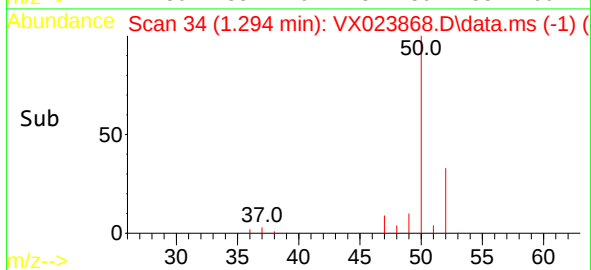
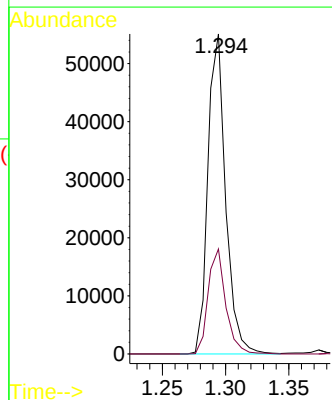
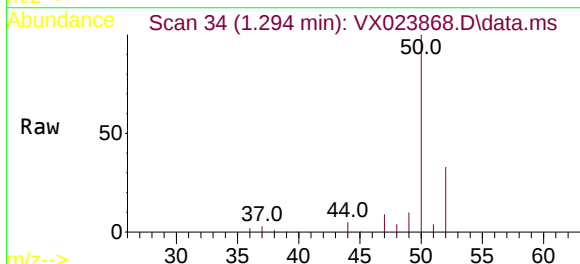
Instrument :
MSVOA_X
ClientSampleId :

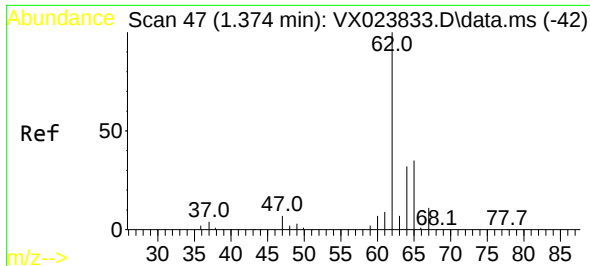
Tgt Ion: 85 Resp: 66917
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 5.235 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 50 Resp: 53786
Ion Ratio Lower Upper
50 100
52 32.8 23.5 43.7

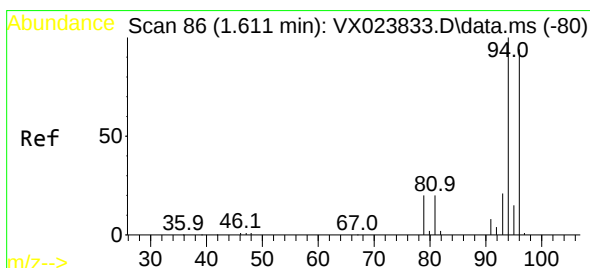
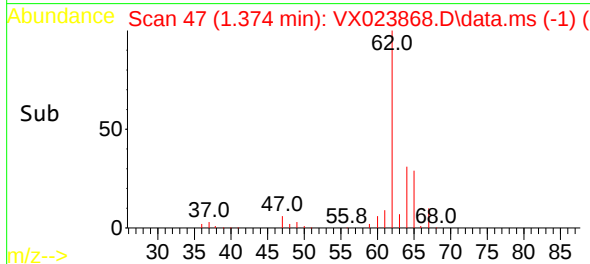
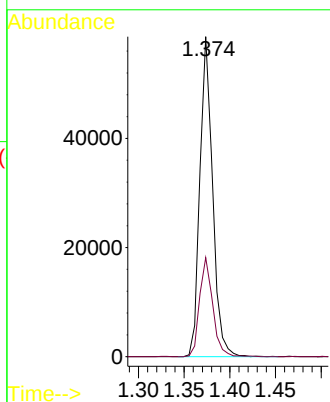
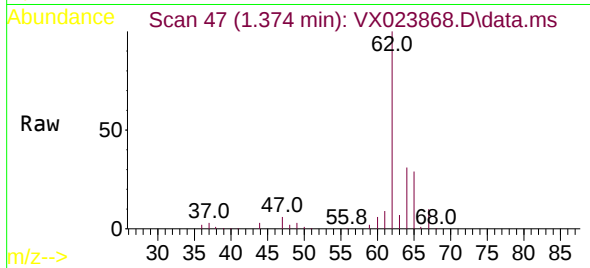




#5
 Vinyl chloride
 Concen: 5.372 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX023868.D
 Acq: 20 Aug 2021 09:31

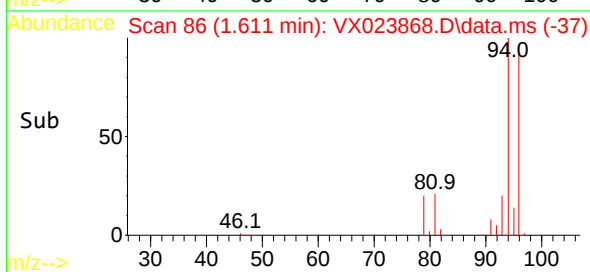
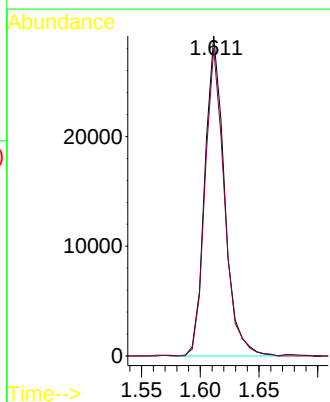
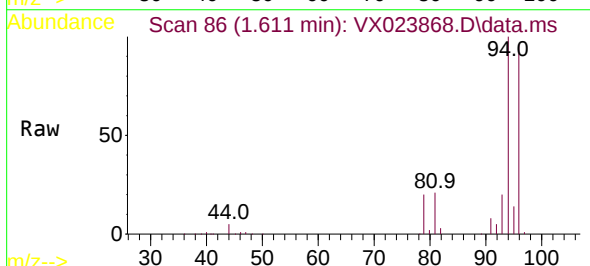
Instrument :
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 ClientSampled :

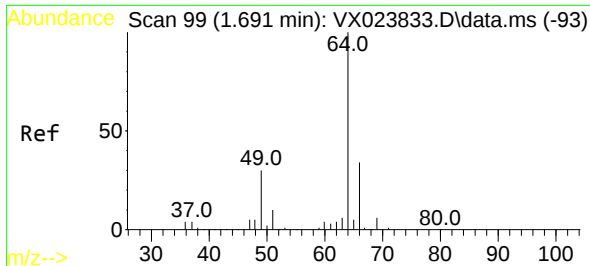
Tgt Ion: 62 Resp: 56653
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.2 43.2



#6
 Bromomethane
 Concen: 5.111 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX023868.D
 Acq: 20 Aug 2021 09:31

Tgt Ion: 94 Resp: 33902
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.7 121.9

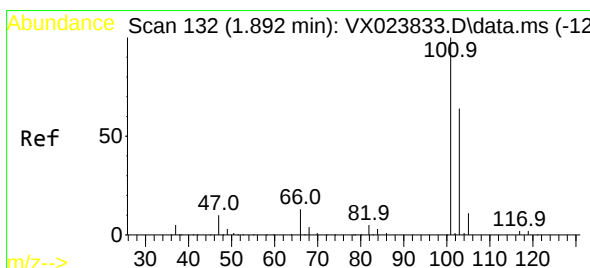
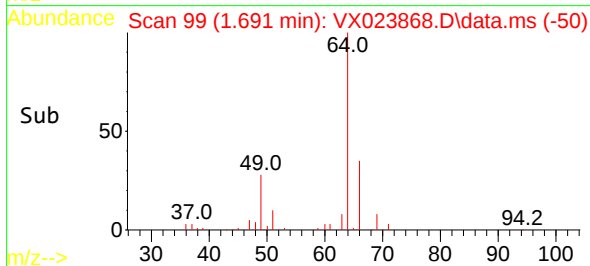
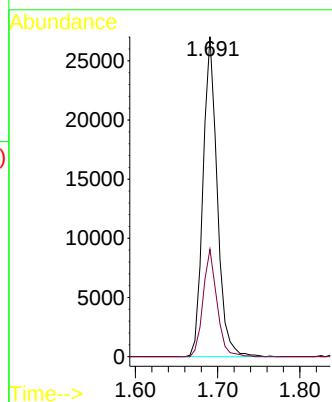
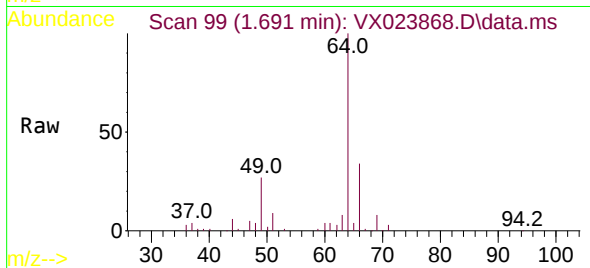




#8
Chloroethane
Concen: 5.076 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

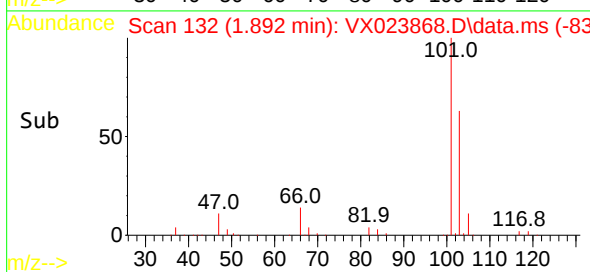
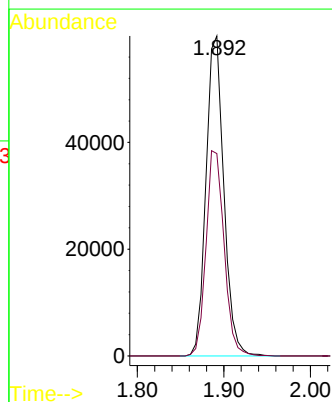
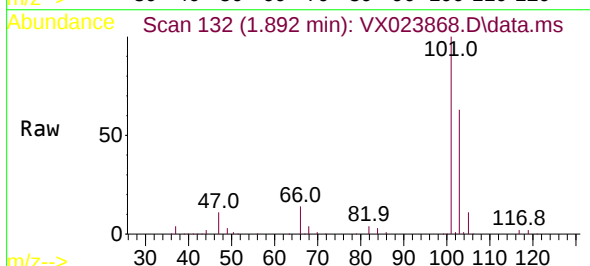
Instrument :
MSVOA_X
ClientSampled :

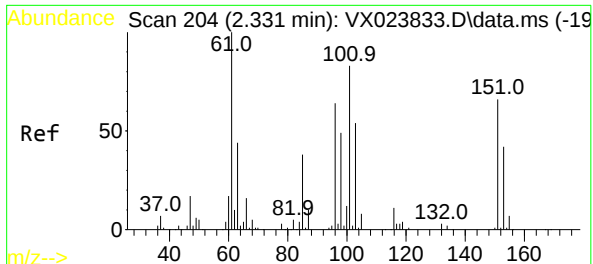
Tgt Ion: 64 Resp: 32464
Ion Ratio Lower Upper
64 100
66 33.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.232 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 101 Resp: 85666
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

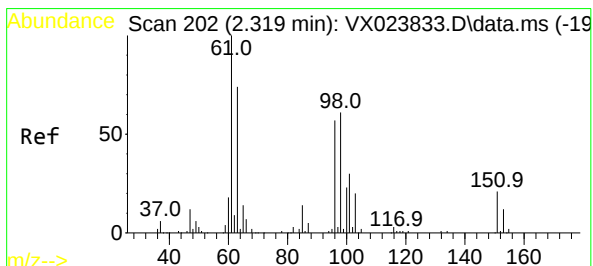
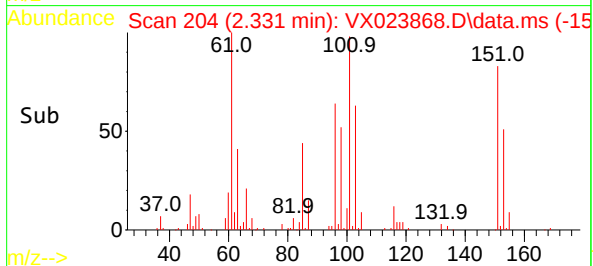
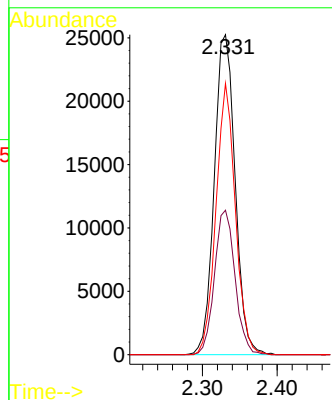
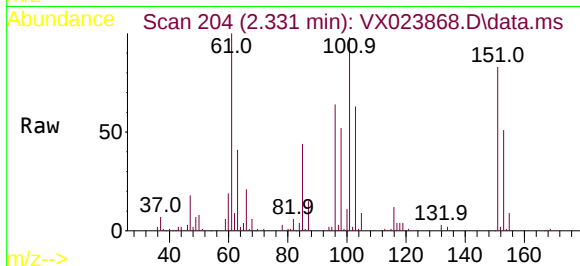




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.497 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

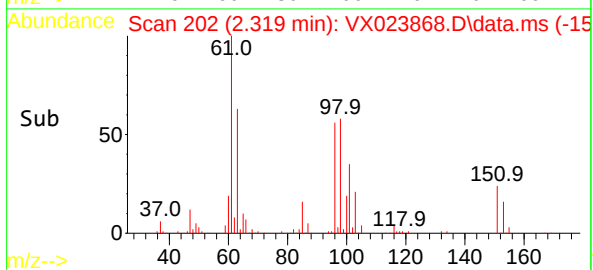
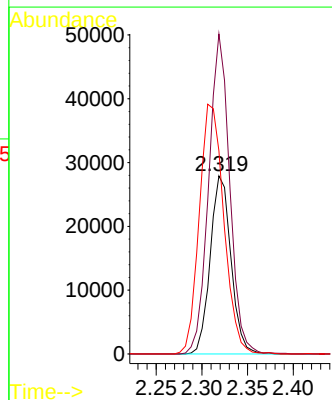
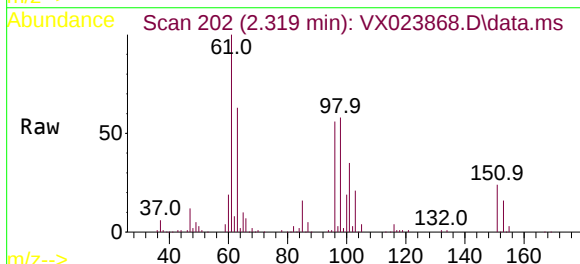
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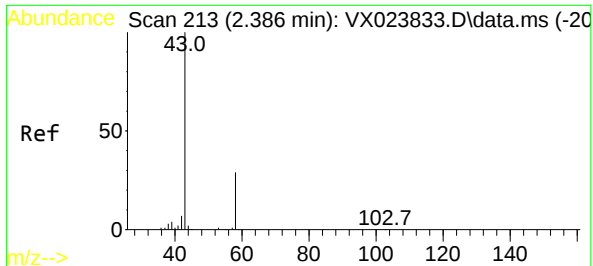
Tgt Ion:101 Resp: 49215
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 78.6 61.0 91.6



#12
1,1-Dichloroethene
Concen: 5.188 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 96 Resp: 44000
Ion Ratio Lower Upper
96 100
61 179.7 118.2 219.6
63 114.1 74.2 137.8

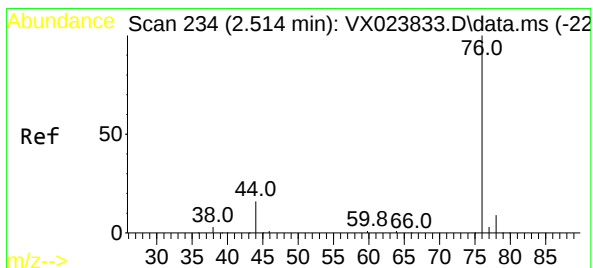
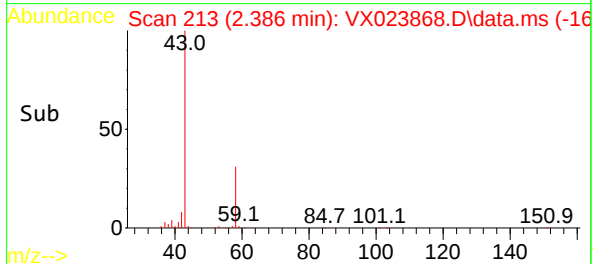
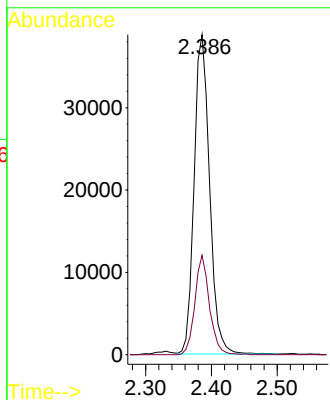
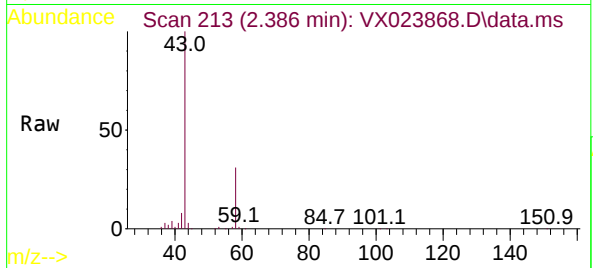




#13
Acetone
Concen: 49.906 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

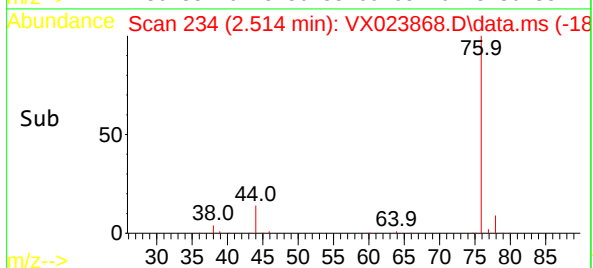
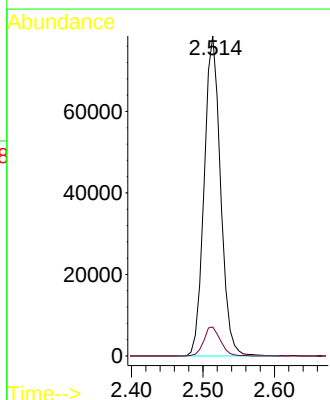
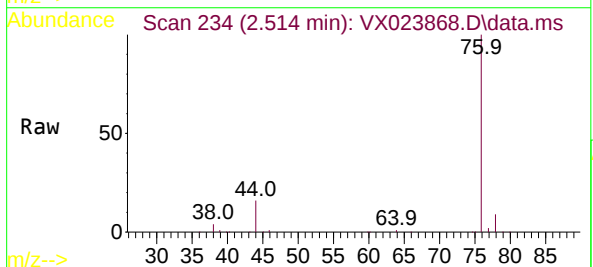
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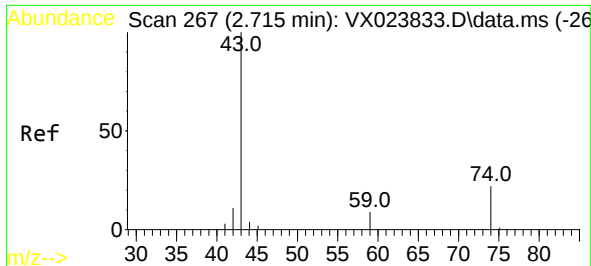
Tgt Ion: 43 Resp: 63188
Ion Ratio Lower Upper
43 100
58 29.4 0.0 70.4



#14
Carbon disulfide
Concen: 5.489 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 125061
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

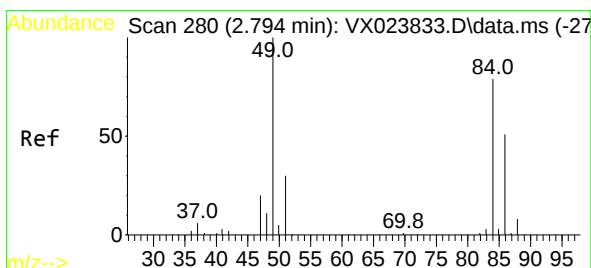
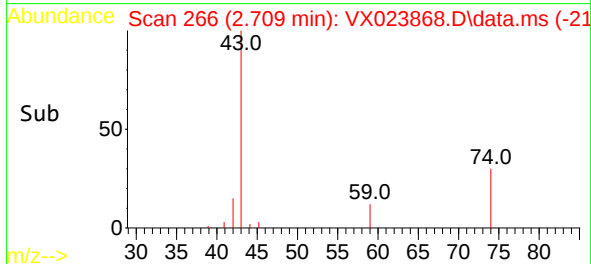
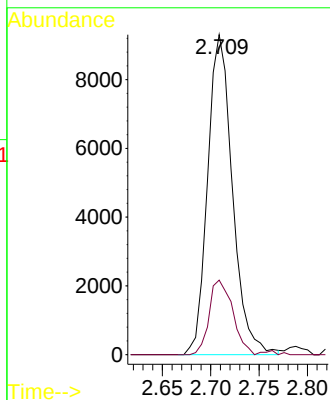
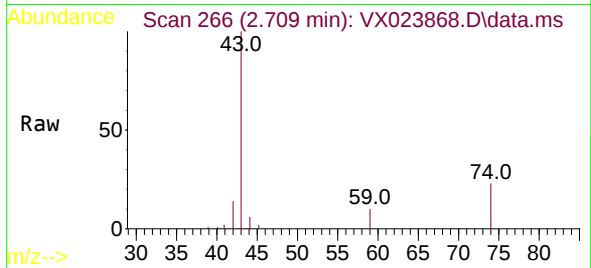




#15
Methyl Acetate
Concen: 4.953 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

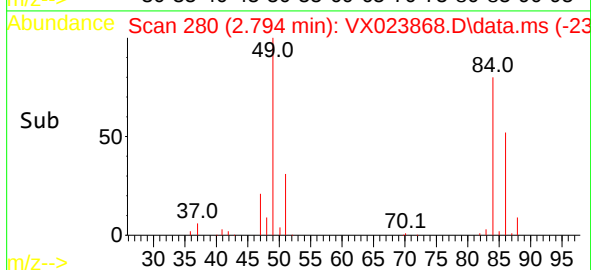
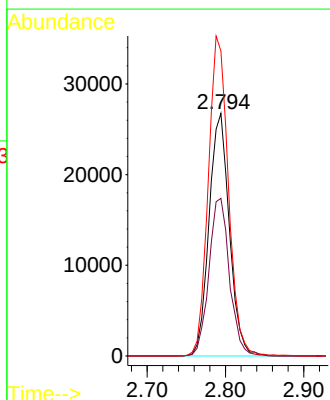
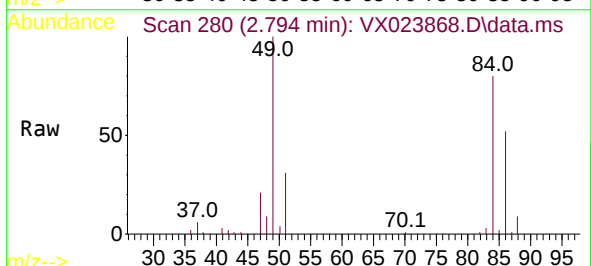
Instrument :
MSVOA_X
ClientSampled :

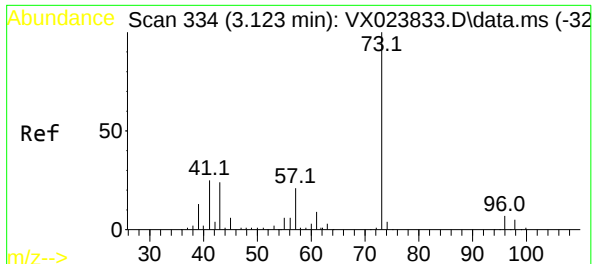
Tgt Ion: 43 Resp: 16646
Ion Ratio Lower Upper
43 100
74 22.2 21.1 31.7



#16
Methylene chloride
Concen: 4.287 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 84 Resp: 48110
Ion Ratio Lower Upper
84 100
86 65.0 44.6 82.8
49 125.7 79.5 147.6

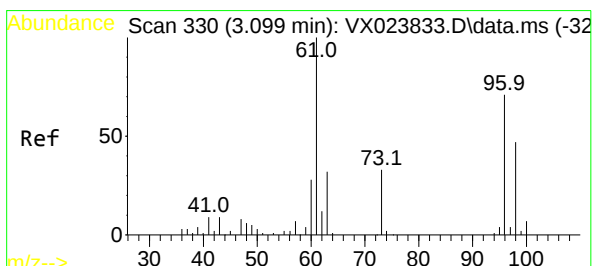
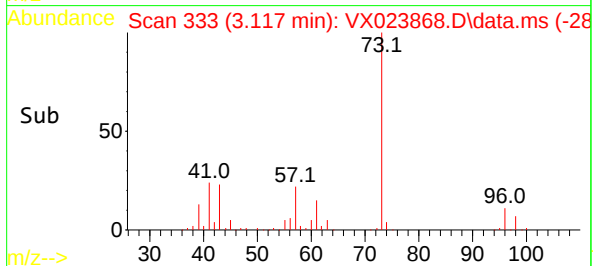
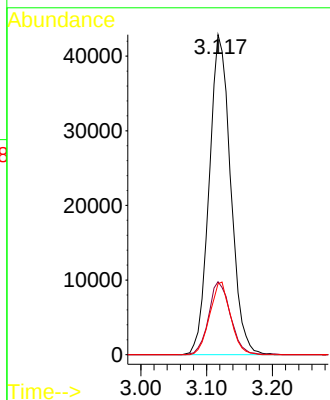
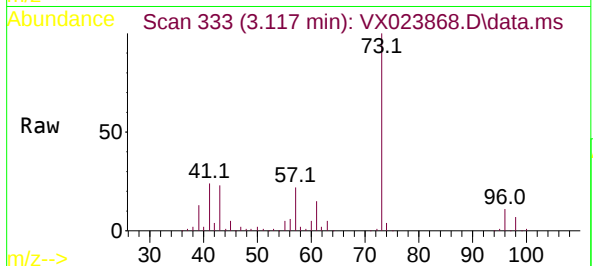




#17
Methyl tert-butyl Ether
Concen: 5.149 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

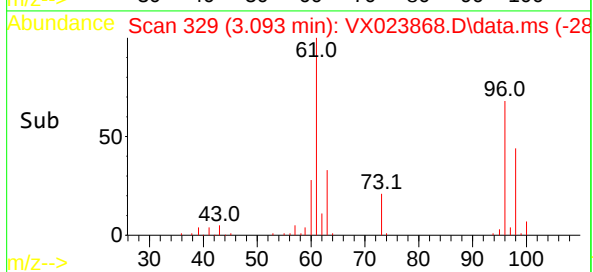
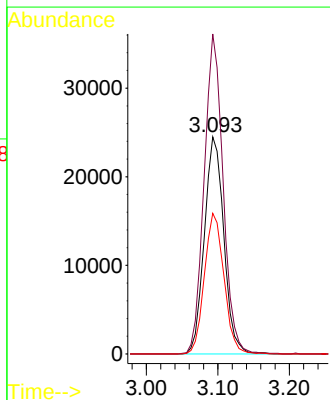
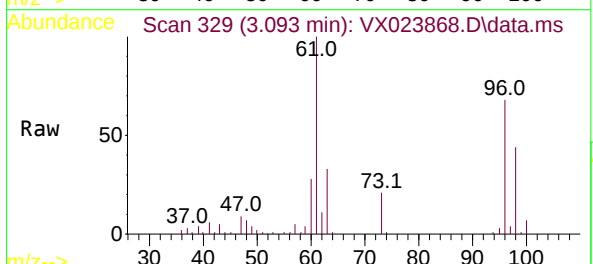
Instrument :
MSVOA_X
ClientSampled :

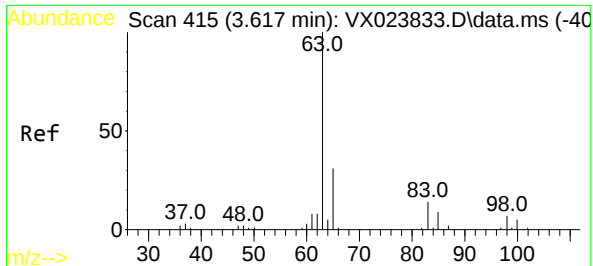
Tgt Ion: 73 Resp: 97352
Ion Ratio Lower Upper
73 100
43 23.2 15.1 22.7#
57 21.9 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.288 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 96 Resp: 46387
Ion Ratio Lower Upper
96 100
61 147.4 95.4 177.2
98 64.8 44.2 82.2





#19

1,1-Dichloroethane

Concen: 5.375 ug/L

RT: 3.611 min Scan# 414

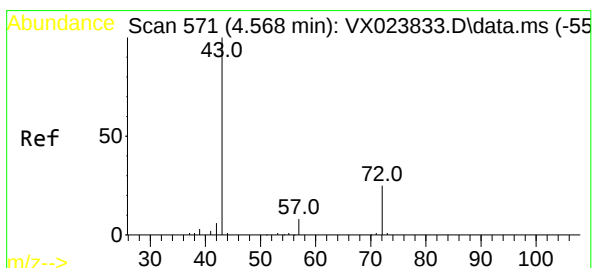
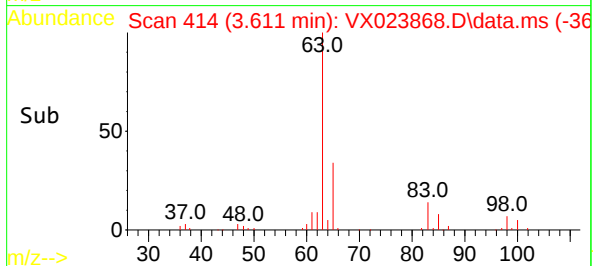
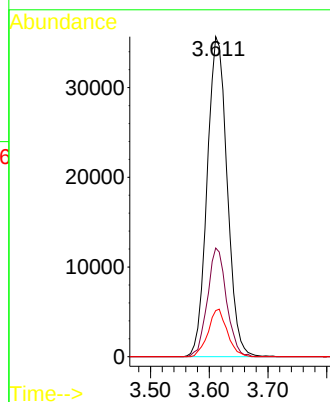
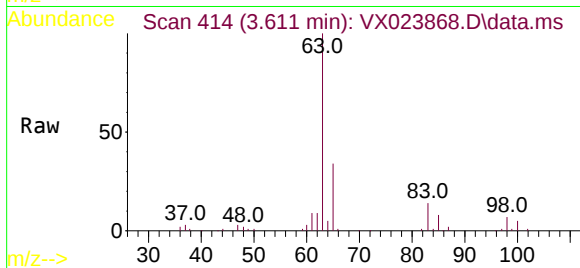
Delta R.T. -0.006 min

Lab File: VX023868.D

Acq: 20 Aug 2021 09:31

Tgt Ion:	63	Resp:	84402
Ion	Ratio	Lower	Upper
63	100		
65	33.9	21.8	40.6
83	14.4	9.6	17.8

Instrument :
MSVOA_X
ClientSampled :



#21

2-Butanone

Concen: 49.643 ug/L

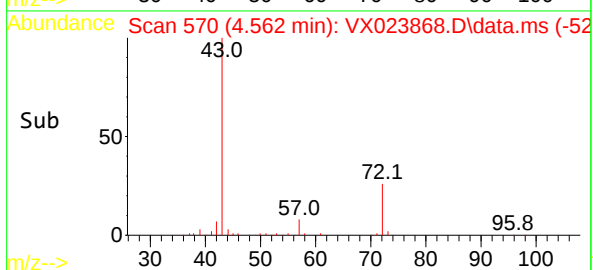
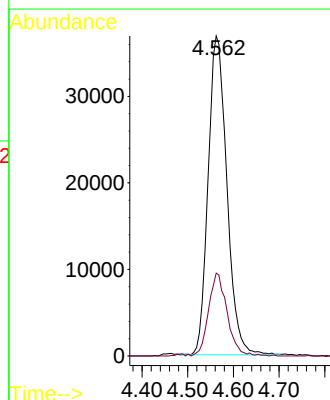
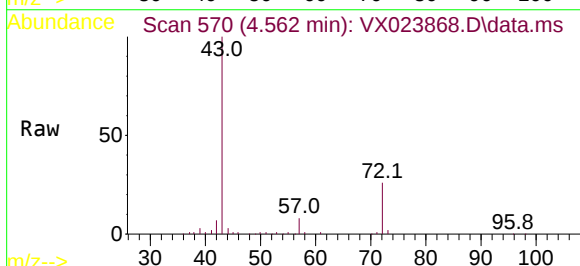
RT: 4.562 min Scan# 570

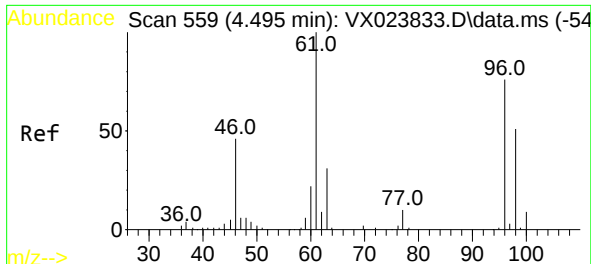
Delta R.T. -0.006 min

Lab File: VX023868.D

Acq: 20 Aug 2021 09:31

Tgt Ion:	43	Resp:	105118
Ion	Ratio	Lower	Upper
43	100		
72	25.4	14.8	44.4

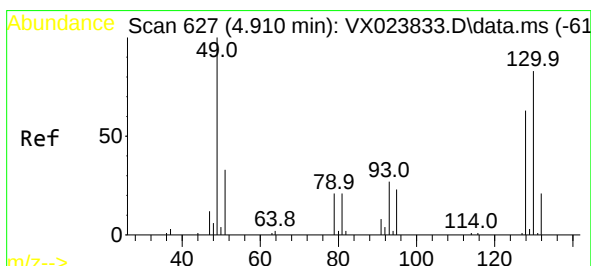
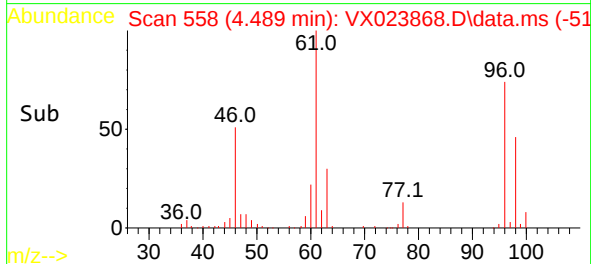
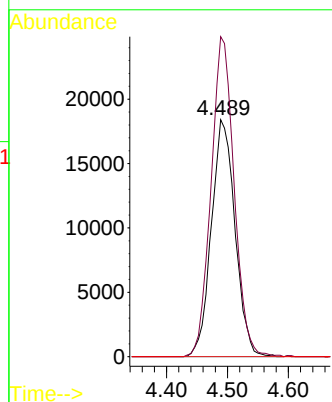
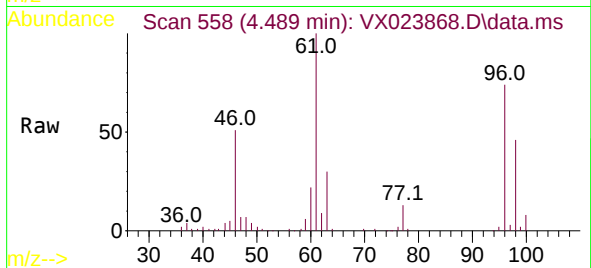




#22
cis-1,2-Dichloroethene
Concen: 5.270 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

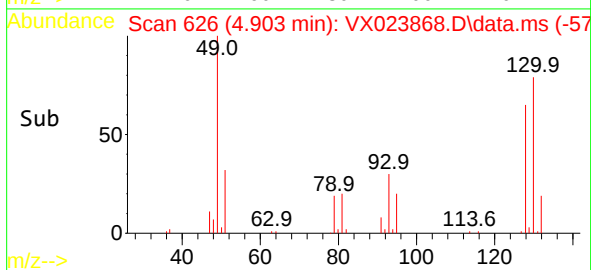
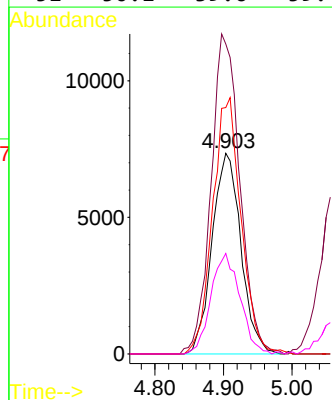
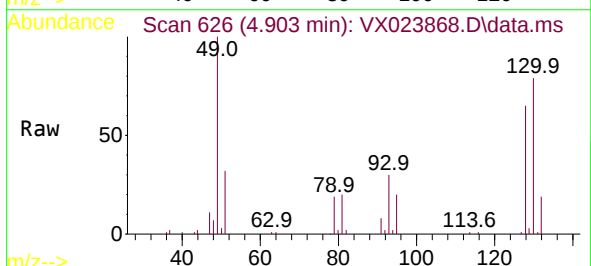
Instrument :
MSVOA_X
ClientSampled :

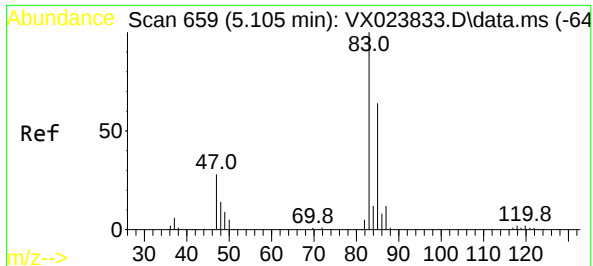
Tgt Ion: 96 Resp: 49609
Ion Ratio Lower Upper
96 100
61 135.0 85.9 159.5
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.302 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:128 Resp: 21457
Ion Ratio Lower Upper
128 100
49 154.5 103.2 191.6
130 122.8 89.1 165.5
51 50.1 39.6 59.4





#25

Chloroform

Concen: 5.272 ug/L

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX023868.D

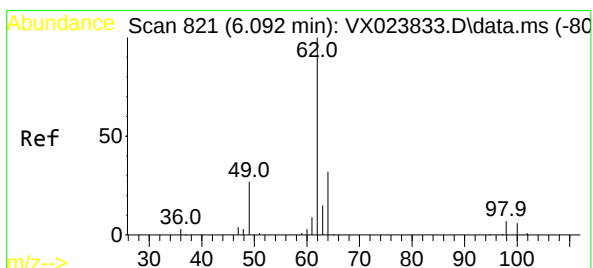
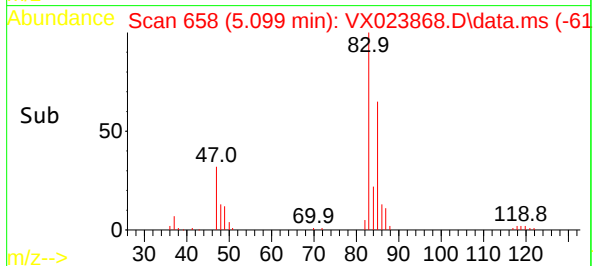
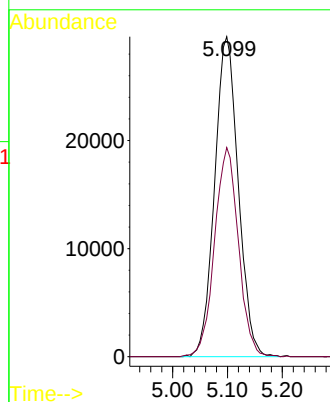
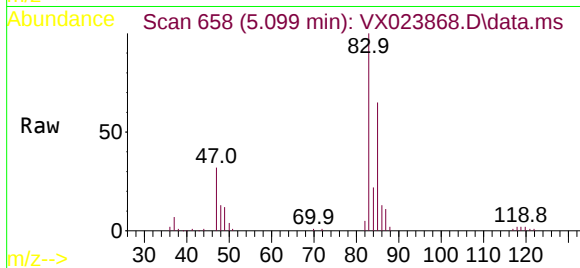
Acq: 20 Aug 2021 09:31

Tgt Ion: 83 Resp: 88752

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 5.326 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX023868.D

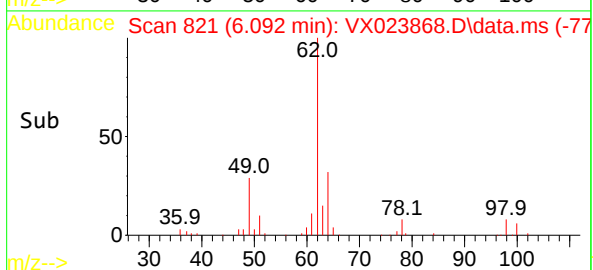
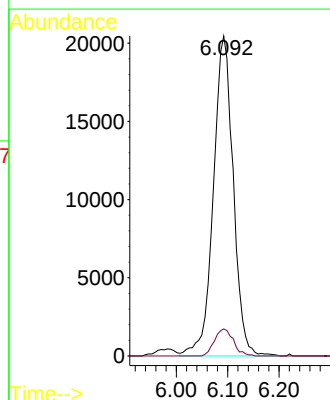
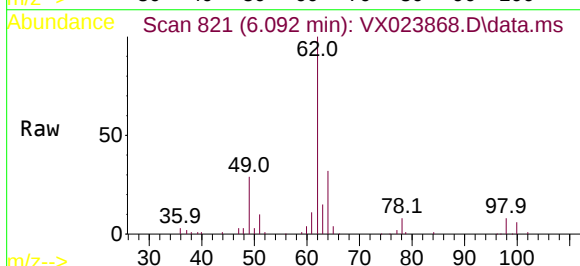
Acq: 20 Aug 2021 09:31

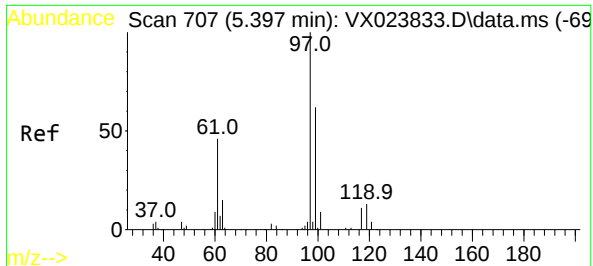
Tgt Ion: 62 Resp: 54982

Ion Ratio Lower Upper

62 100

98 8.4 7.9 11.9



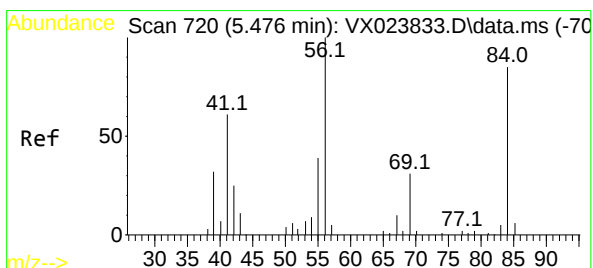
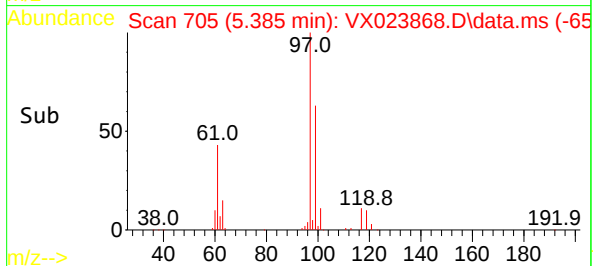
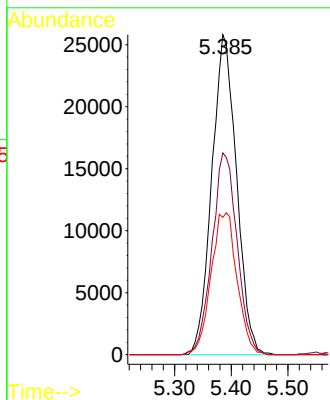
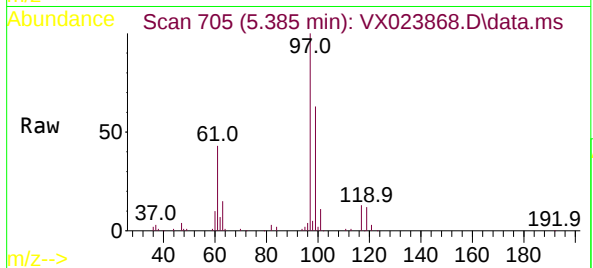


#29

1,1,1-Trichloroethane
Concen: 5.322 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Instrument :
MSVOA_X
ClientSampleId :

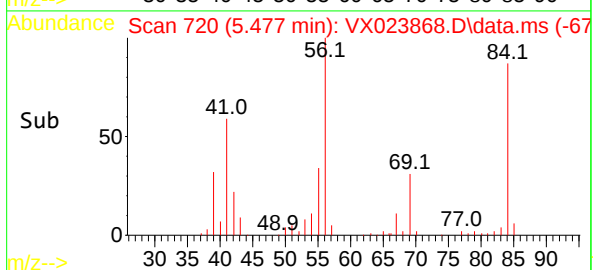
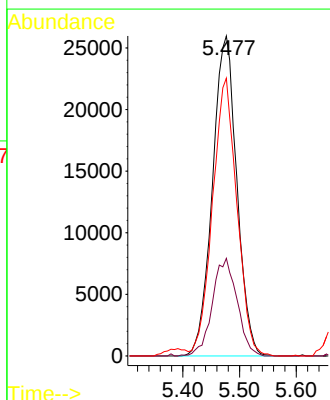
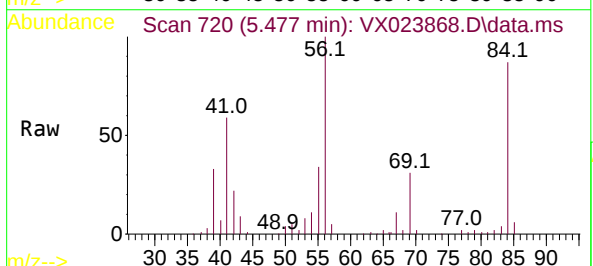
Tgt Ion:	97	Resp:	78231
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.2	76.8
61	46.6	35.3	52.9

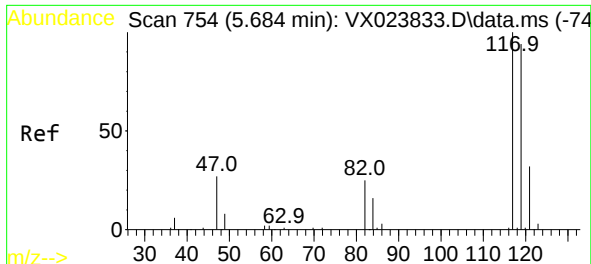


#30

Cyclohexane
Concen: 5.266 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:	56	Resp:	77505
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.8	38.6
84	86.8	72.4	108.6

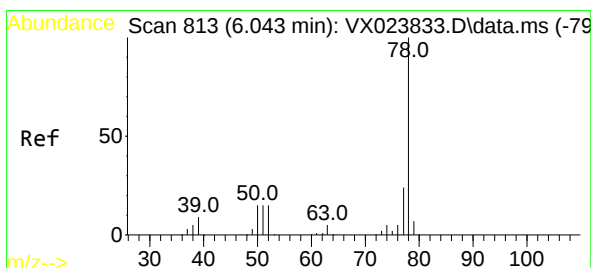
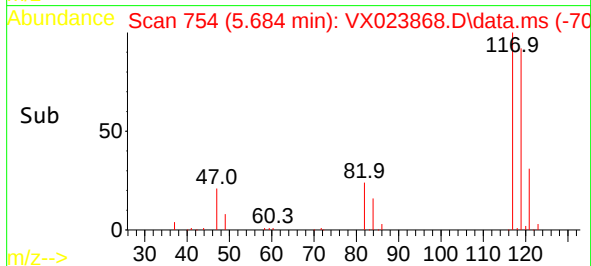
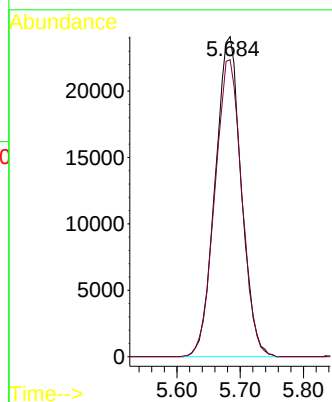
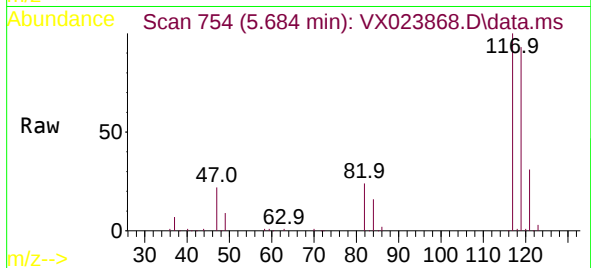




#31
Carbon tetrachloride
Concen: 5.459 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

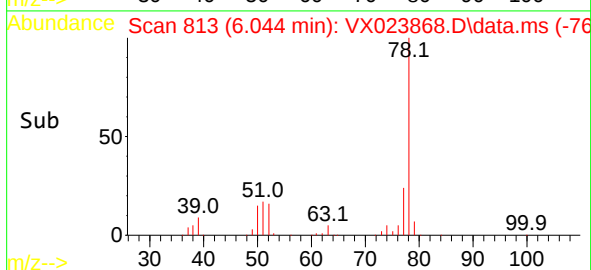
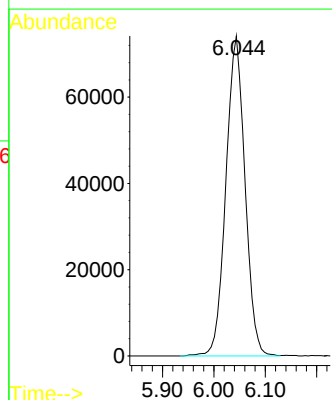
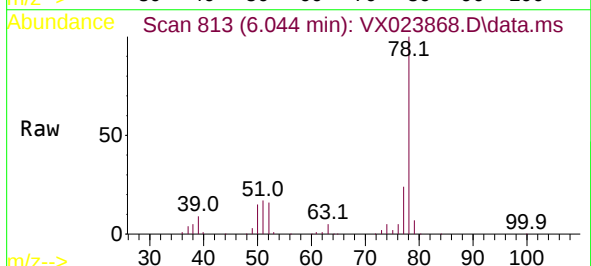
Instrument :
MSVOA_X
ClientSampled :

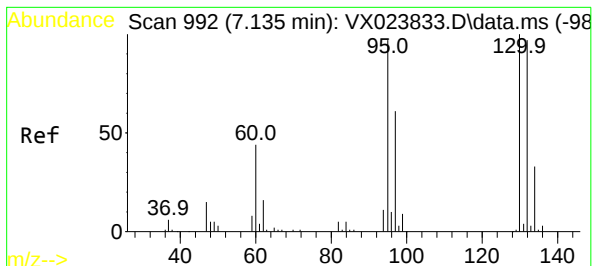
Tgt Ion:117 Resp: 68955
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4



#33
Benzene
Concen: 5.276 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 78 Resp: 191354

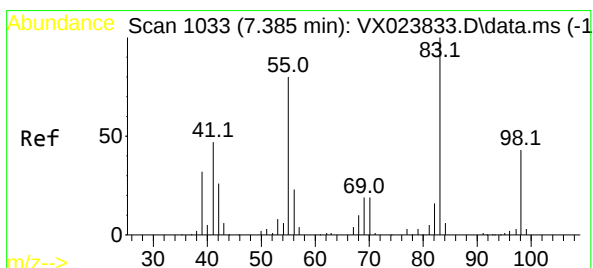
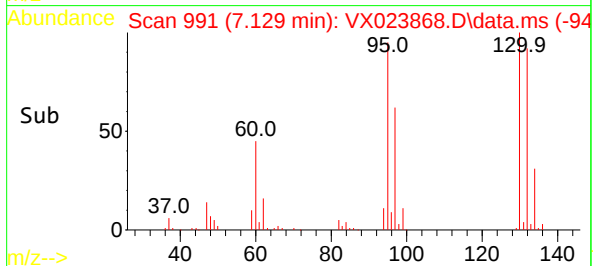
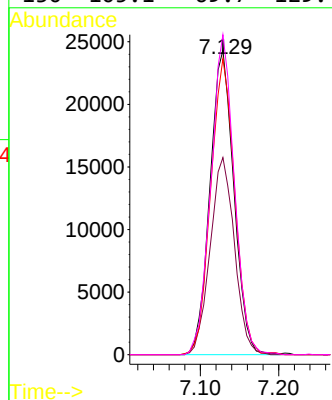
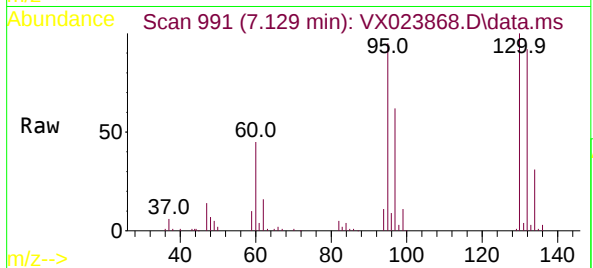




#34
Trichloroethene
Concen: 5.167 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

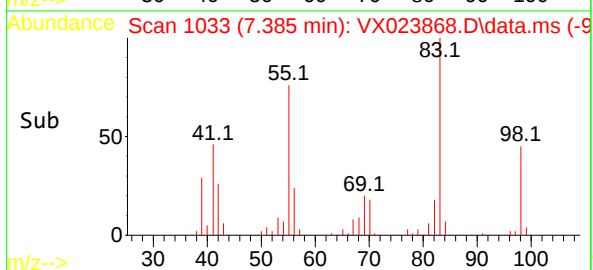
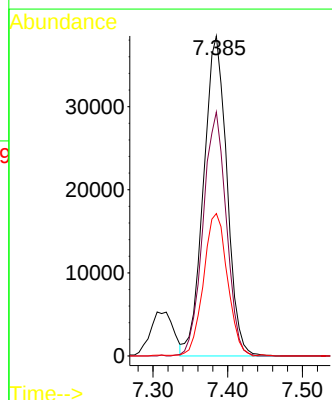
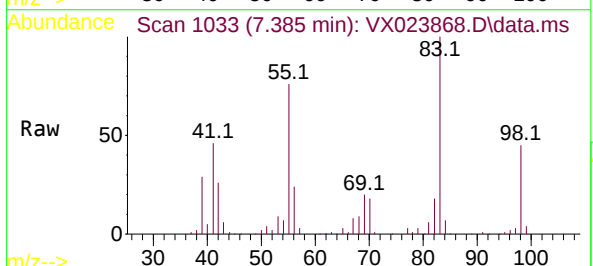
Instrument :
MSVOA_X
ClientSampleId :

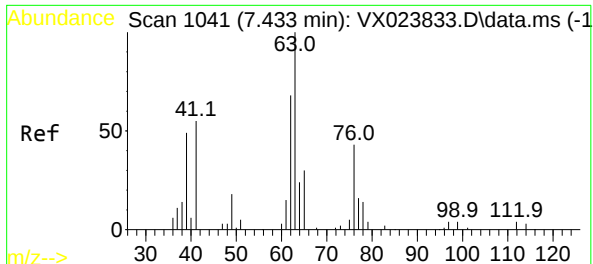
Tgt Ion: 95 Resp: 51456
Ion Ratio Lower Upper
95 100
97 64.8 46.0 85.4
132 97.2 69.0 128.1
130 105.1 69.7 129.4



#35
Methylcyclohexane
Concen: 5.423 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 83 Resp: 83378
Ion Ratio Lower Upper
83 100
55 75.7 63.4 95.0
98 45.2 39.2 58.8

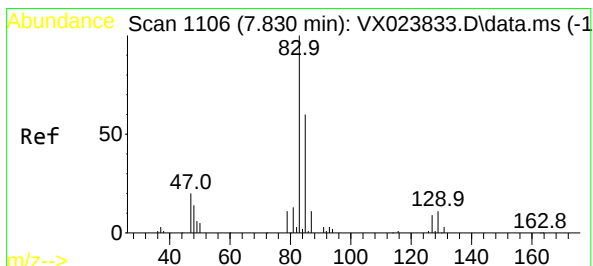
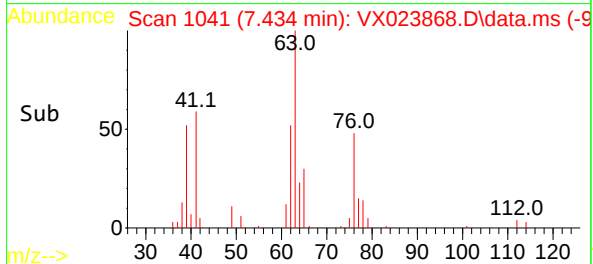
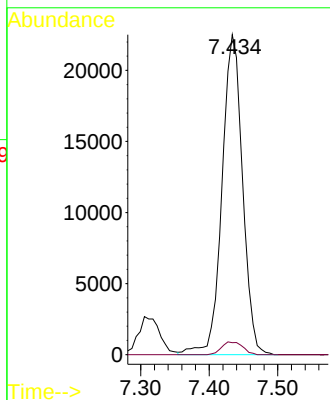
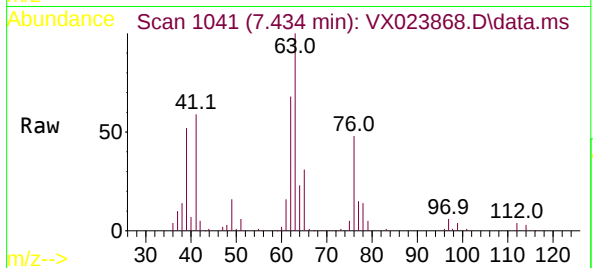




#37
1,2-Dichloropropane
Concen: 5.178 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

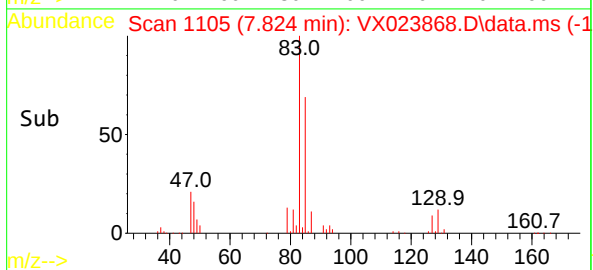
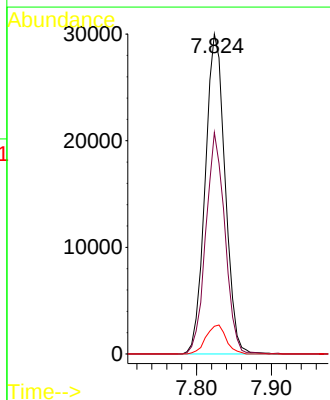
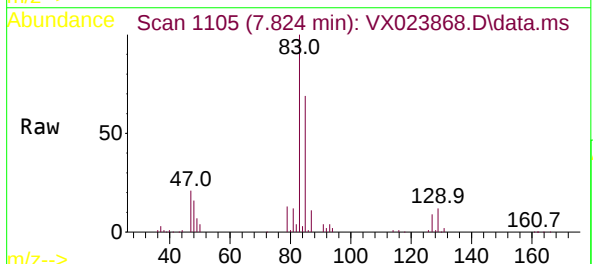
Instrument :
MSVOA_X
ClientSampled :

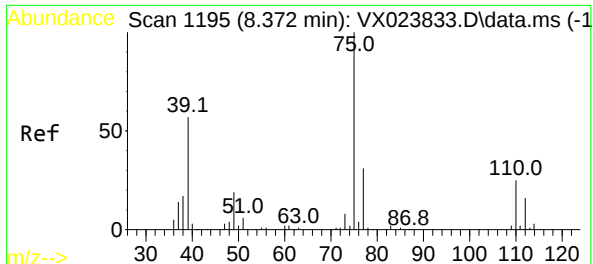
Tgt Ion: 63 Resp: 46793
Ion Ratio Lower Upper
63 100
112 4.1 3.9 5.9



#38
Bromodichloromethane
Concen: 5.207 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 83 Resp: 55353
Ion Ratio Lower Upper
83 100
85 69.2 44.6 82.8
127 8.6 7.0 10.4



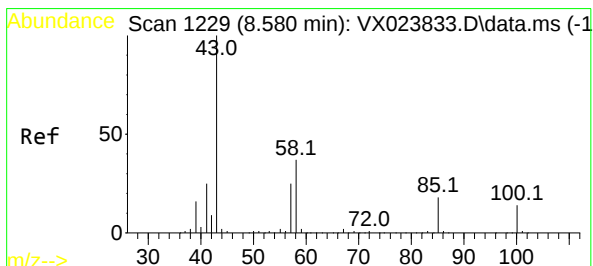
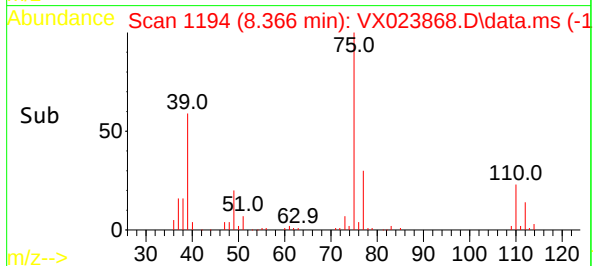
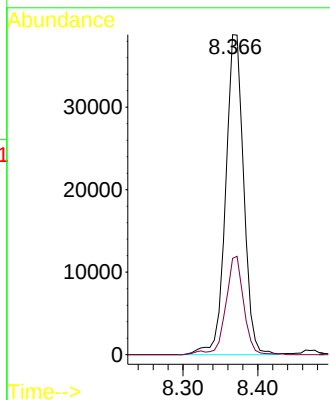
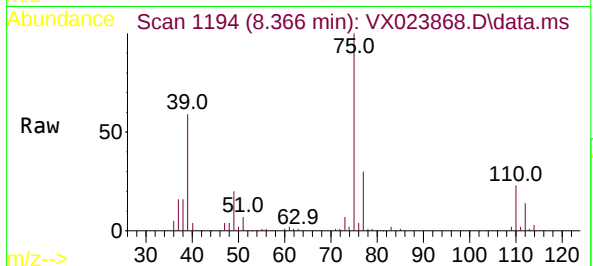


#39

cis-1,3-Dichloropropene
Concen: 5.315 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Instrument :
MSVOA_X
ClientSampled :

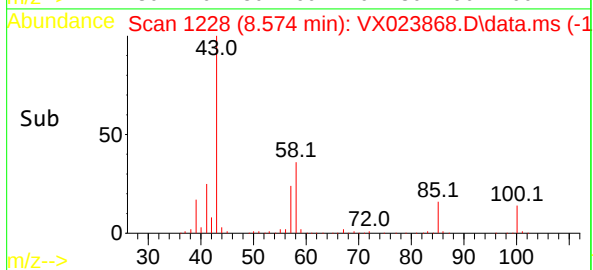
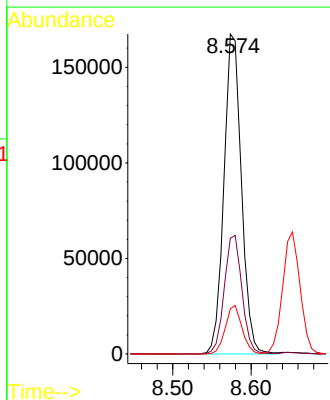
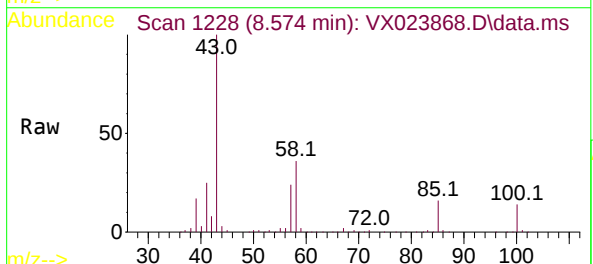
Tgt Ion: 75 Resp: 65221
Ion Ratio Lower Upper
75 100
77 30.1 21.6 40.0

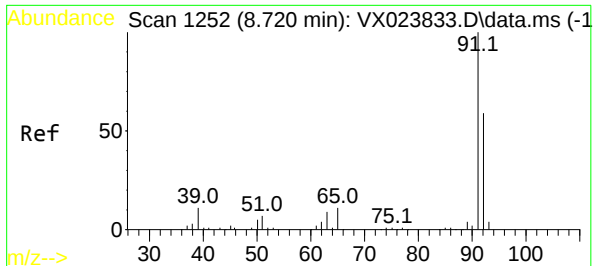


#40

4-Methyl-2-pentanone
Concen: 49.679 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 43 Resp: 260461
Ion Ratio Lower Upper
43 100
58 37.4 35.0 52.4
100 14.5 14.3 21.5

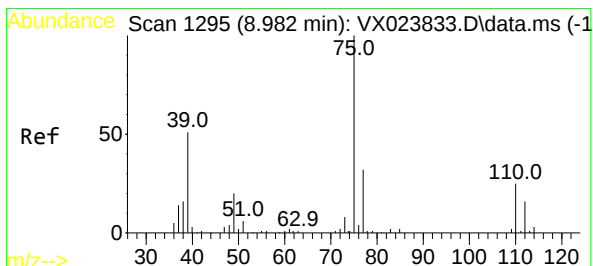
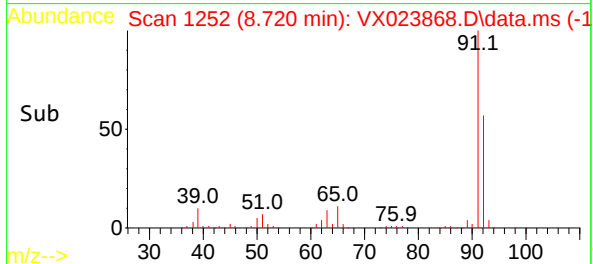
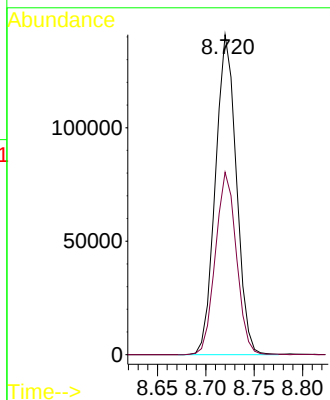
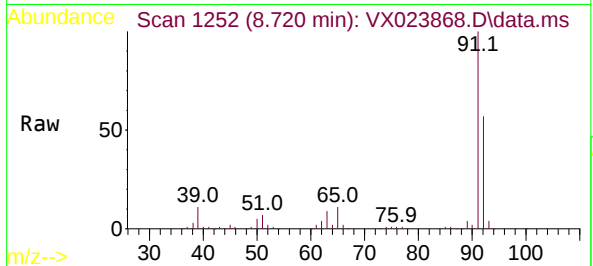




#42
Toluene
Concen: 5.407 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

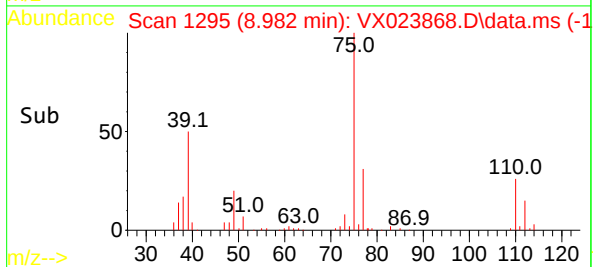
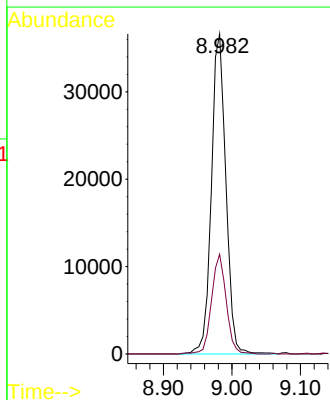
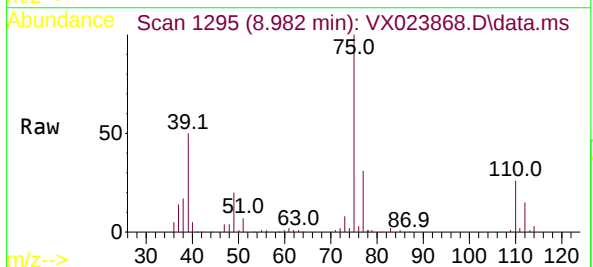
Instrument :
MSVOA_X
ClientSampled :

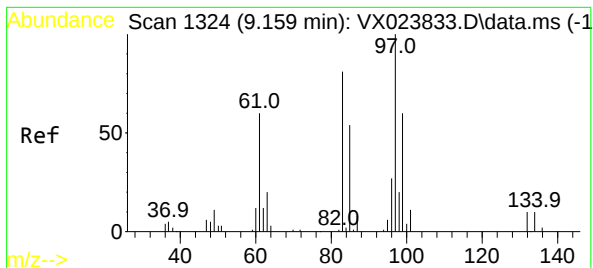
Tgt Ion: 91 Resp: 211947
Ion Ratio Lower Upper
91 100
92 57.0 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 5.287 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 75 Resp: 53689
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3



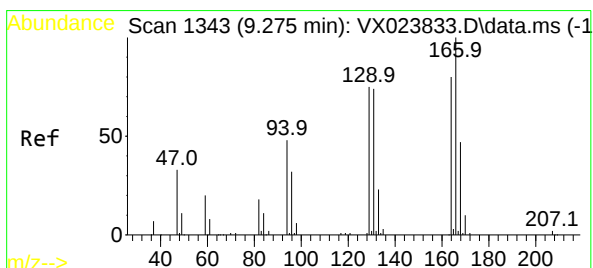
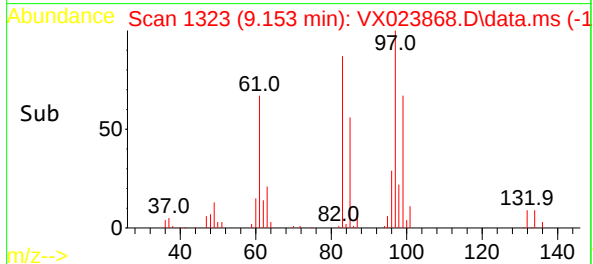
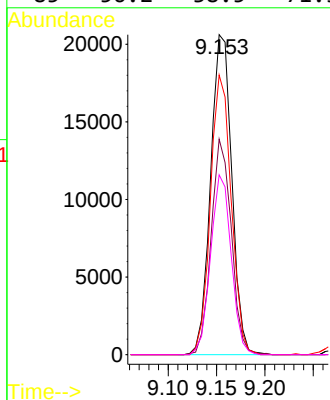
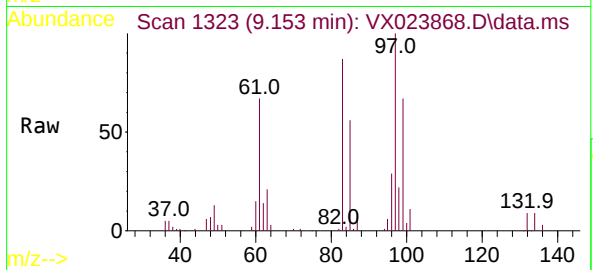


#45
1,1,2-Trichloroethane
Concen: 5.086 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 97 Resp: 31420

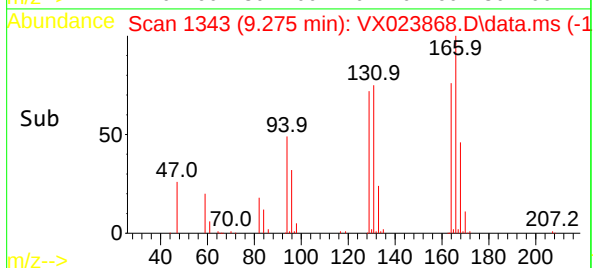
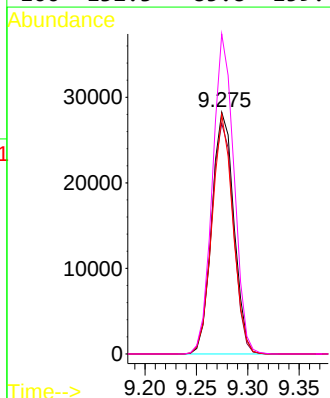
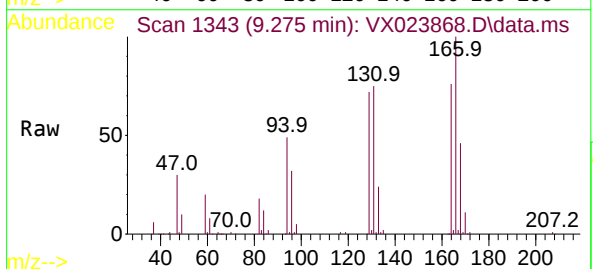
Ion	Ratio	Lower	Upper
97	100		
99	67.3	43.4	80.6
83	87.4	58.6	108.8
85	56.2	38.5	71.5

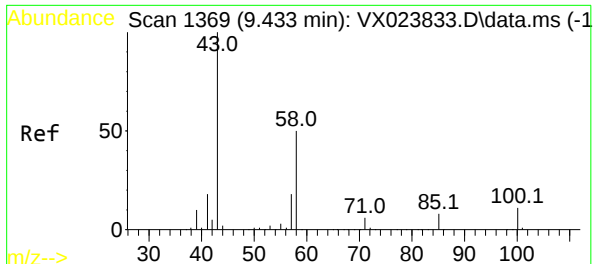


#47
Tetrachloroethene
Concen: 5.244 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 164 Resp: 41949

Ion	Ratio	Lower	Upper
164	100		
129	95.4	64.5	119.7
131	99.0	63.8	118.6
166	132.3	85.8	159.4



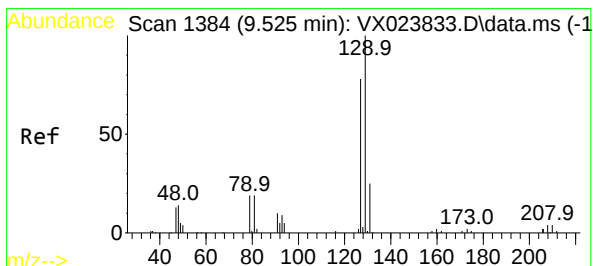
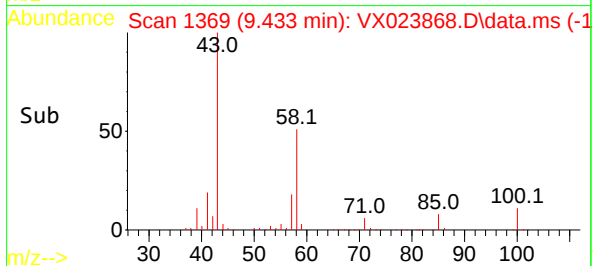
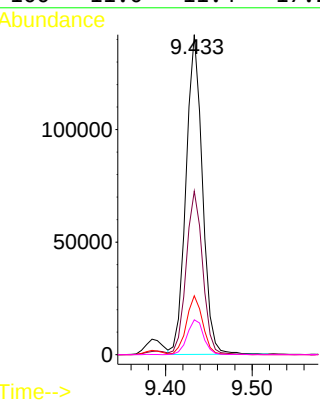
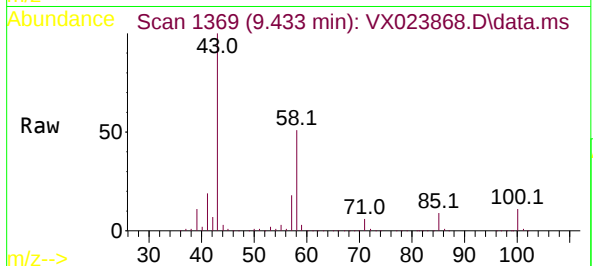


#48
2-Hexanone
Concen: 49.664 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43 Resp: 186805

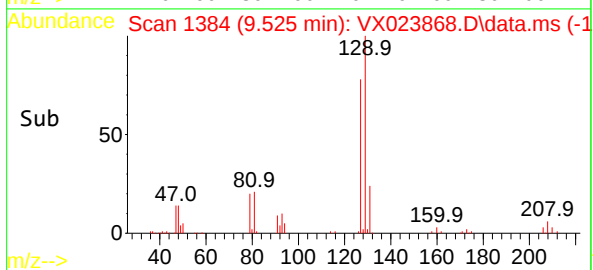
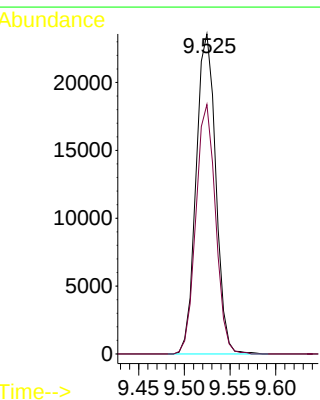
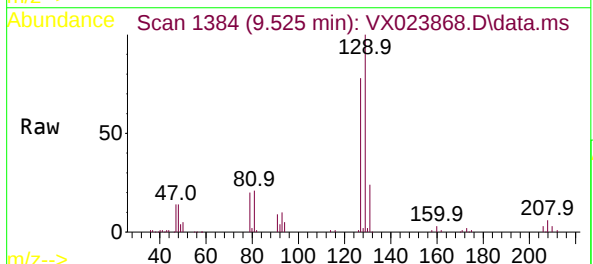
Ion	Ratio	Lower	Upper
43	100		
58	51.4	48.8	73.2
57	18.5	16.6	25.0
100	11.0	11.4	17.2

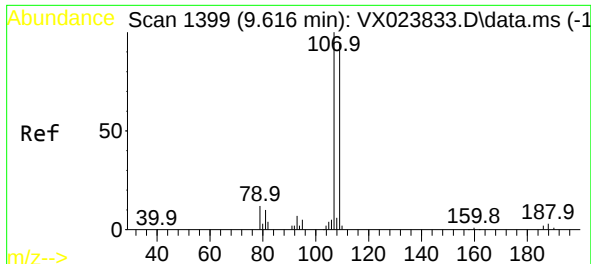


#49
Dibromochloromethane
Concen: 5.316 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 129 Resp: 35163

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.0	98.4

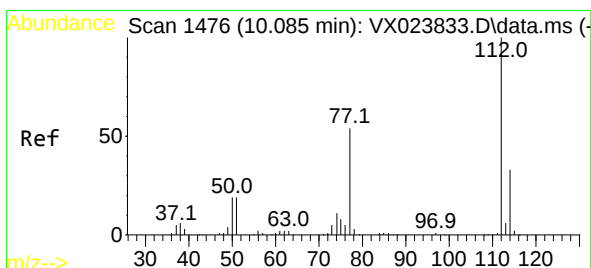
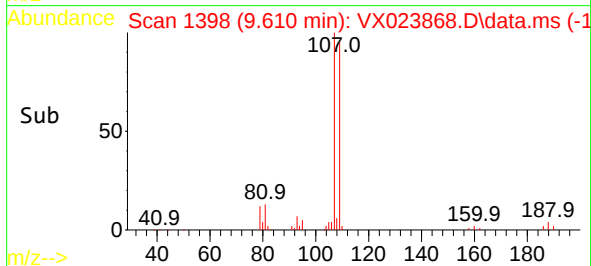
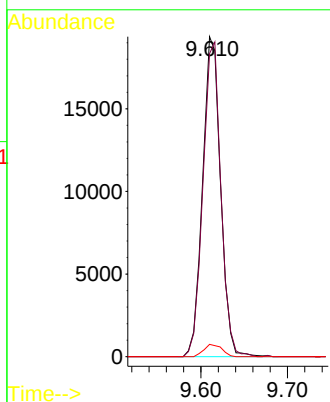
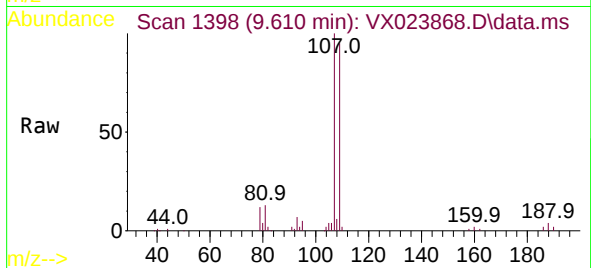




#50
1,2-Dibromoethane
Concen: 4.884 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

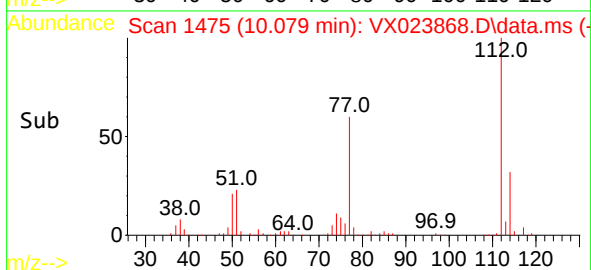
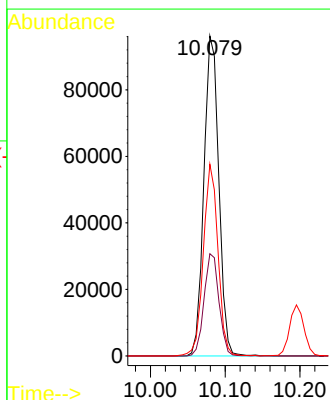
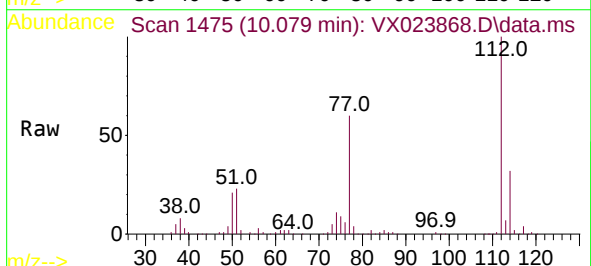
Instrument :
MSVOA_X
ClientSampled :

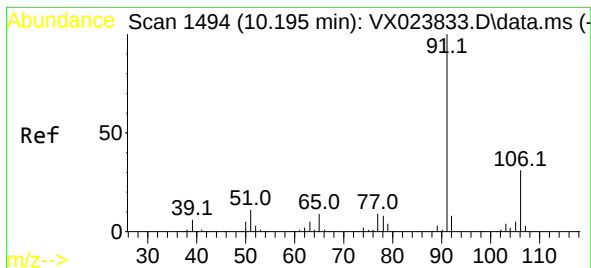
Tgt Ion:	107	Resp:	27911
Ion	Ratio	Lower	Upper
107	100		
109	94.7	65.0	120.8
188	3.9	3.4	5.0



#51
Chlorobenzene
Concen: 5.221 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:	112	Resp:	132931
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.1	41.1
77	59.9	47.0	70.6

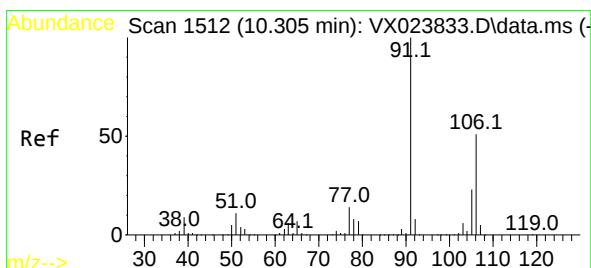
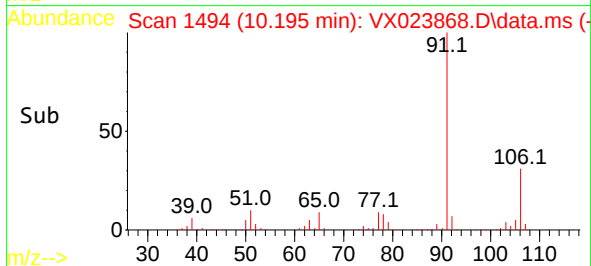
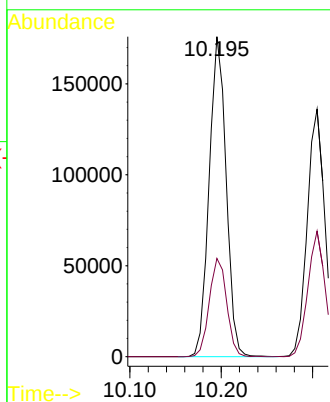
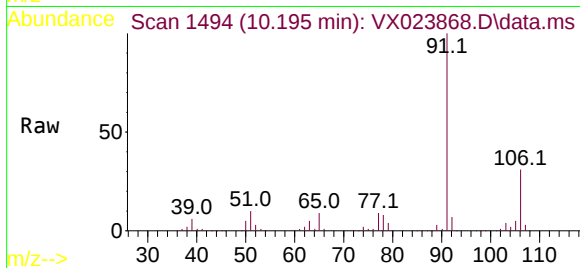




#52
Ethylbenzene
Concen: 5.385 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

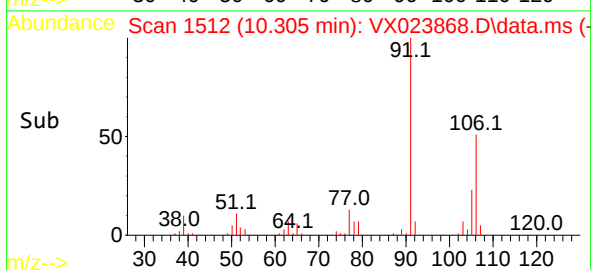
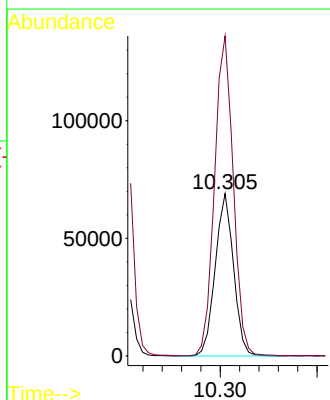
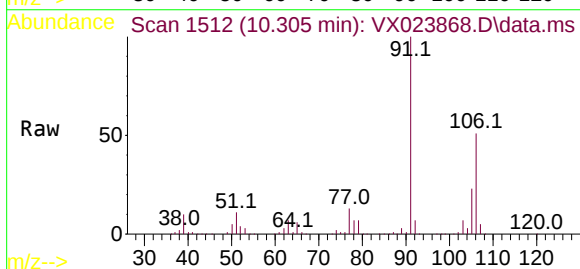
Instrument :
MSVOA_X
ClientSampled :

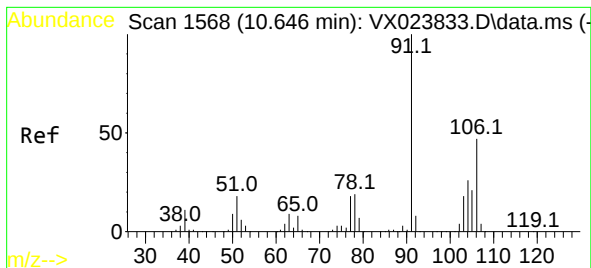
Tgt Ion: 91 Resp: 226545
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#53
m,p-xylene
Concen: 5.438 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 106 Resp: 90648
Ion Ratio Lower Upper
106 100
91 197.0 137.4 255.2

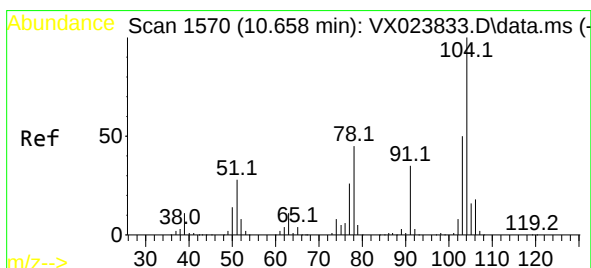
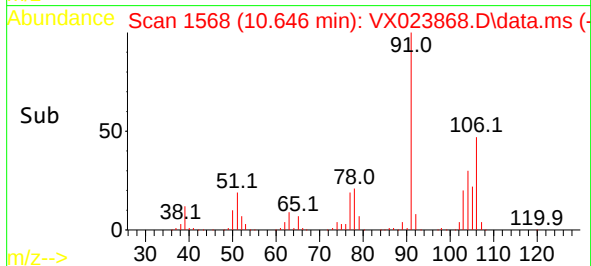
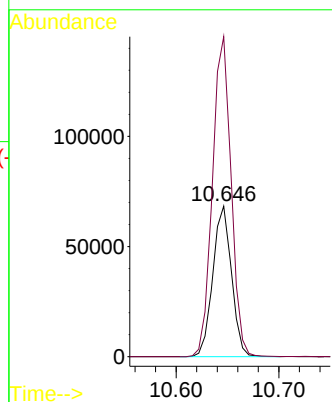
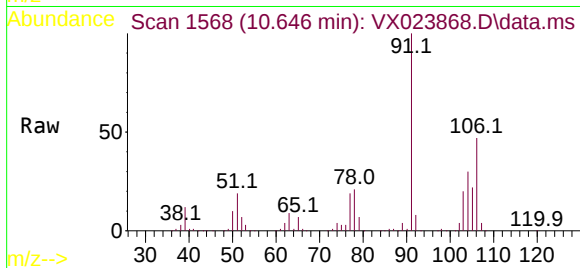




#54
o-xylene
Concen: 5.392 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

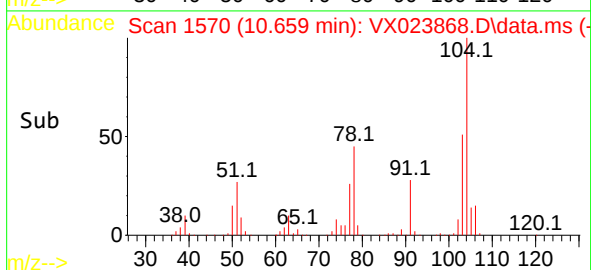
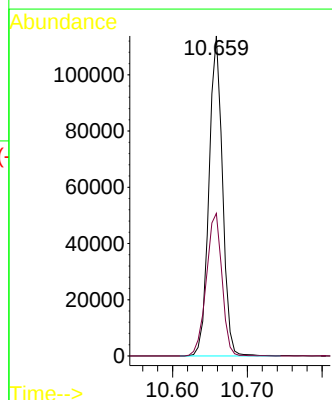
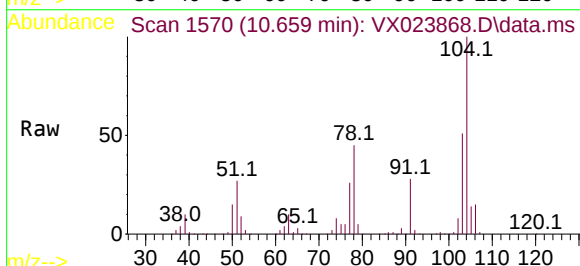
Instrument :
MSVOA_X
ClientSampled :

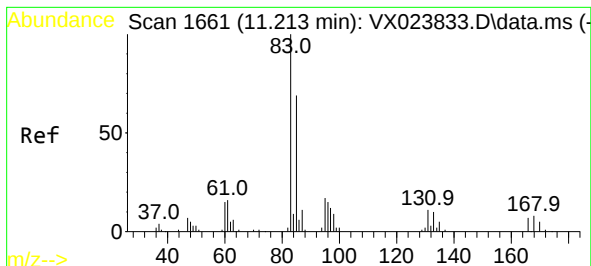
Tgt Ion:106 Resp: 86144
Ion Ratio Lower Upper
106 100
91 212.6 151.1 280.7



#55
Styrene
Concen: 5.373 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:104 Resp: 142869
Ion Ratio Lower Upper
104 100
78 44.5 30.3 56.3

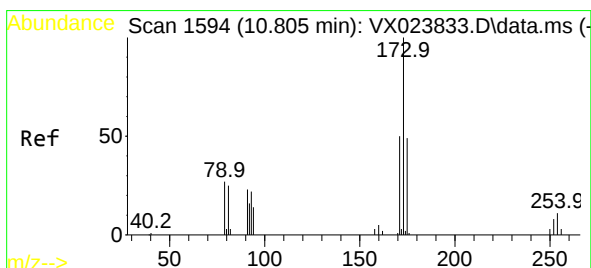
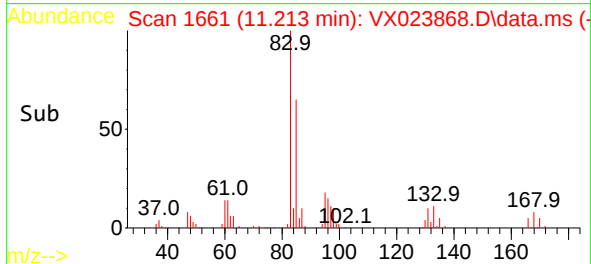
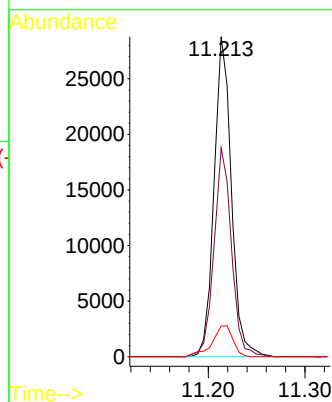
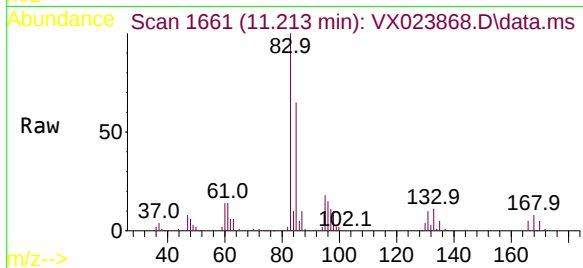




#57
1,1,2,2-Tetrachloroethane
Concen: 5.112 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

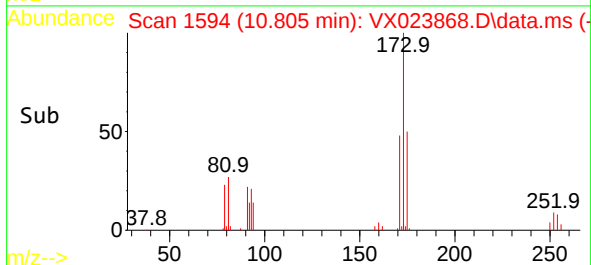
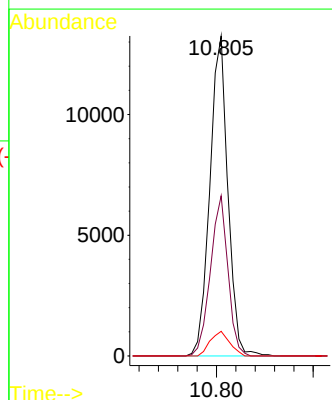
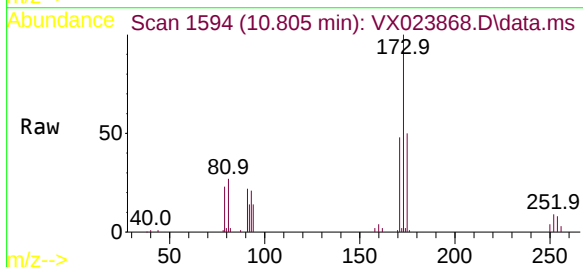
Instrument :
MSVOA_X
ClientSampled :

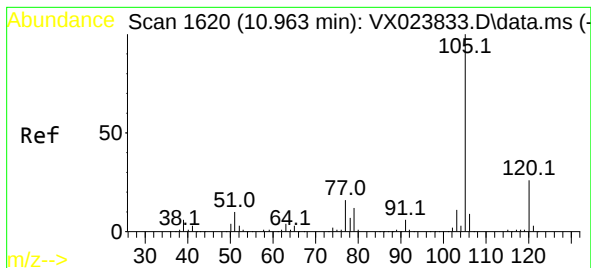
Tgt Ion: 83 Resp: 35752
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8
131 9.6 8.2 12.2



#59
Bromoform
Concen: 5.163 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 173 Resp: 17139
Ion Ratio Lower Upper
173 100
175 48.6 38.0 57.0
254 8.3 8.8 13.2#

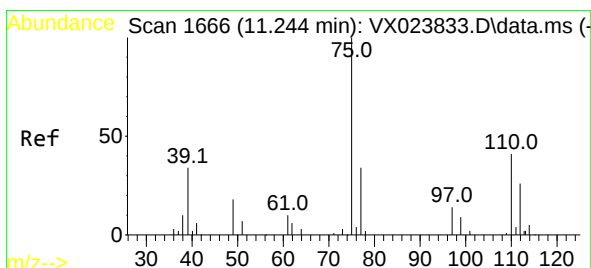
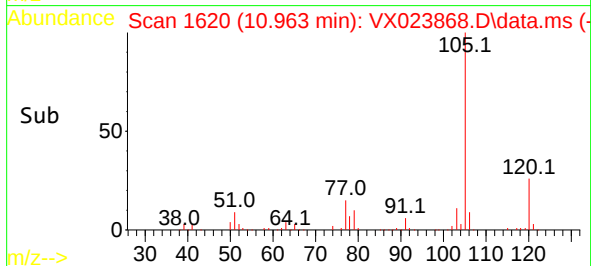
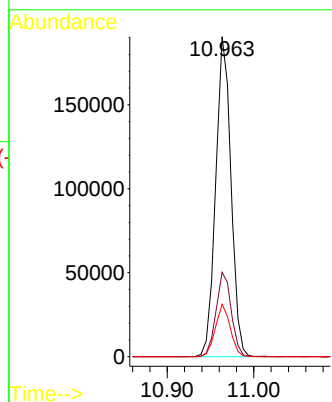
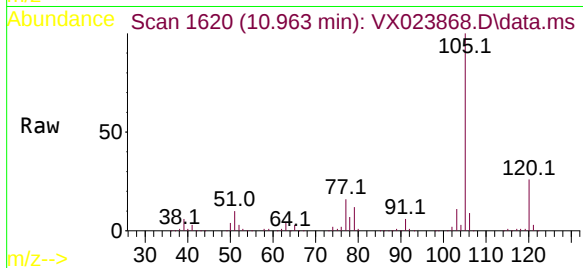




#60
Isopropylbenzene
Concen: 5.518 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

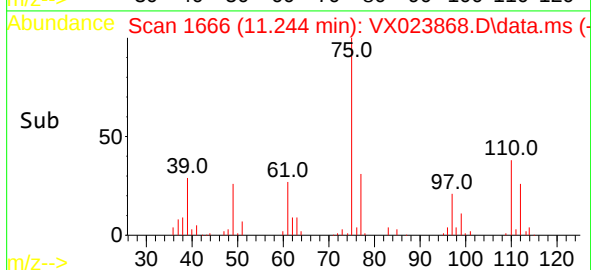
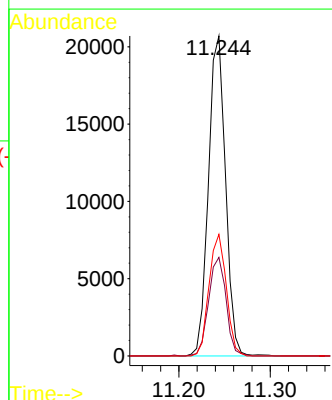
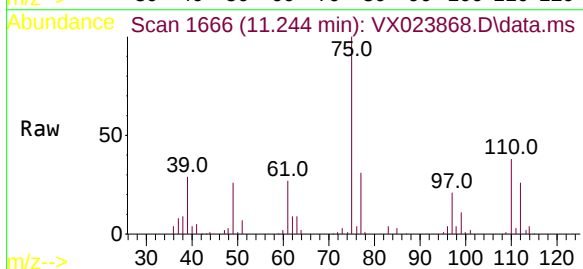
Instrument :
MSVOA_X
ClientSampled :

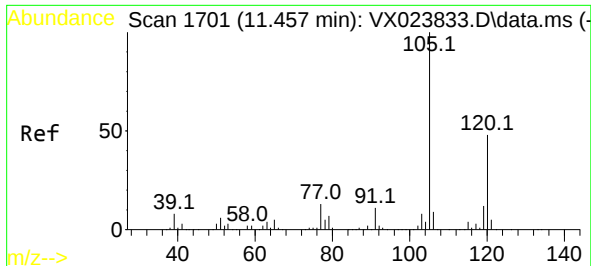
Tgt Ion:105 Resp: 233241
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.218 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 75 Resp: 26819
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5
110 38.4 32.1 48.1

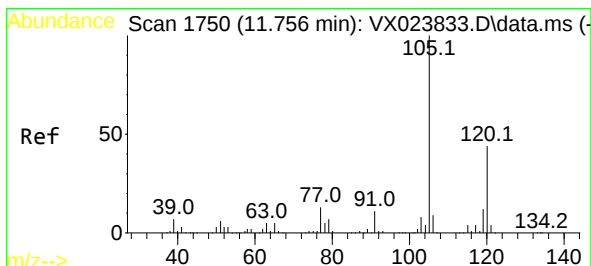
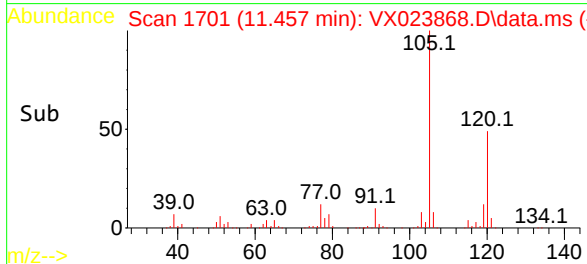
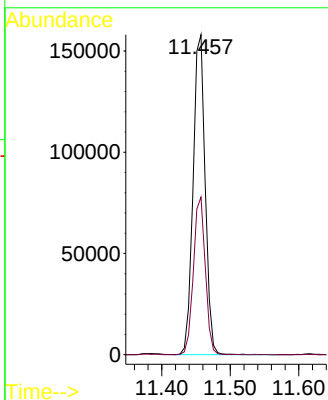
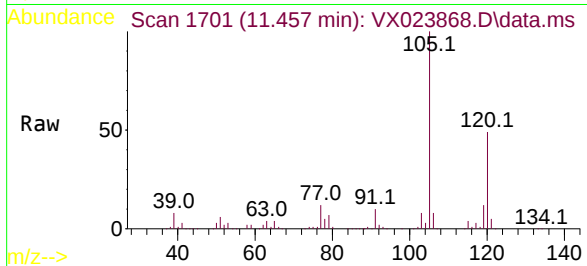




#62
1,3,5-Trimethylbenzene
Concen: 5.594 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

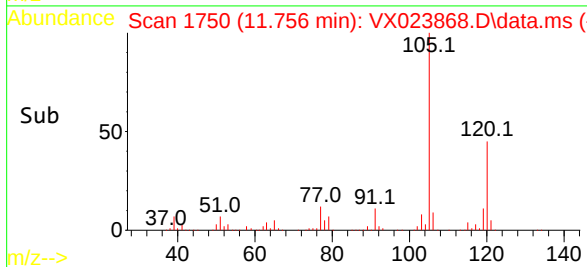
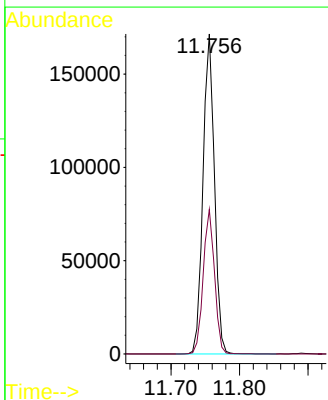
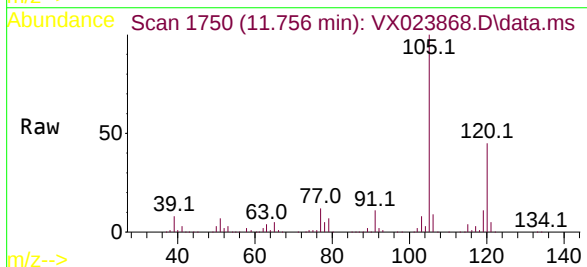
Instrument :
MSVOA_X
ClientSampled :

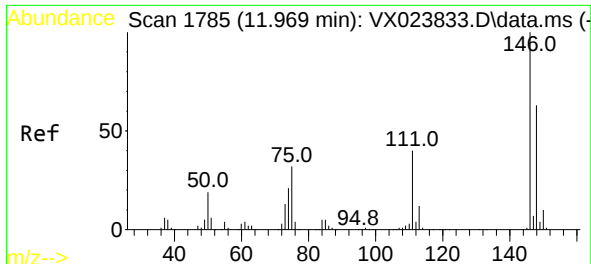
Tgt Ion:105 Resp: 194313
Ion Ratio Lower Upper
105 100
120 48.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.626 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:105 Resp: 199268
Ion Ratio Lower Upper
105 100
120 44.8 36.5 54.7

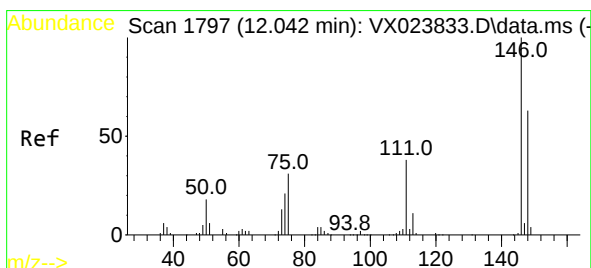
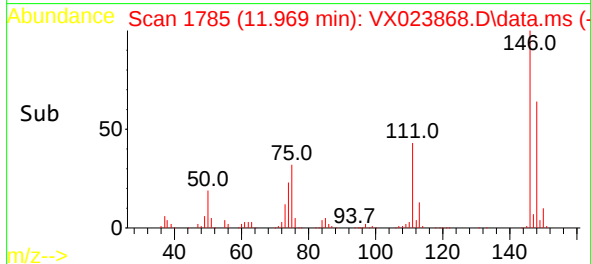
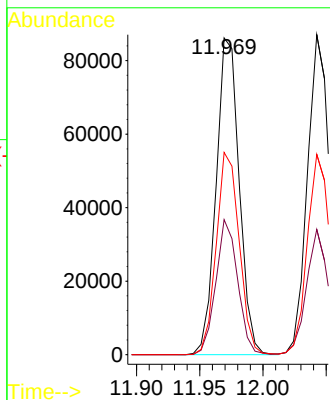
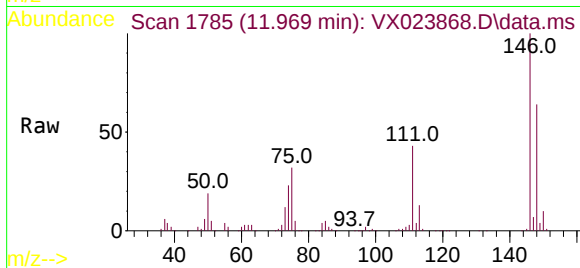




#64
1,3-Dichlorobenzene
Concen: 5.489 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

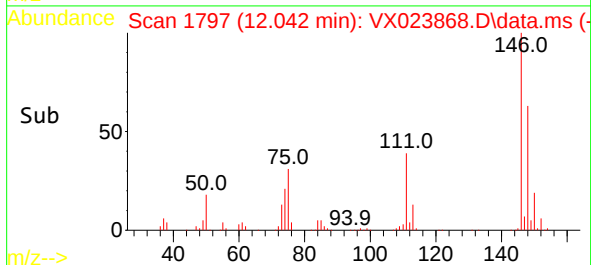
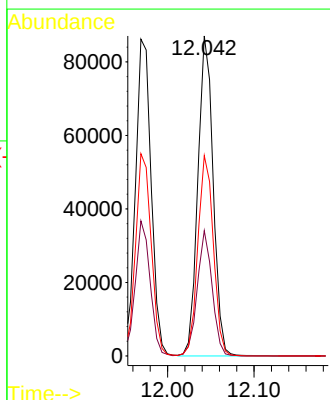
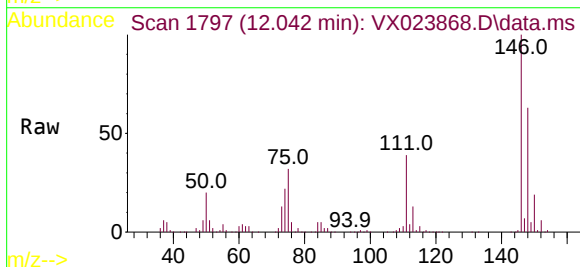
Instrument :
MSVOA_X
ClientSampled :

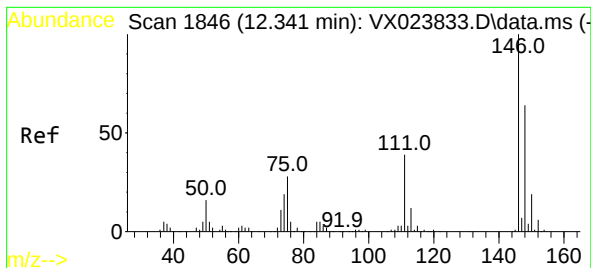
Tgt Ion:146 Resp: 108984
Ion Ratio Lower Upper
146 100
111 42.6 28.2 52.4
148 63.8 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 5.362 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:146 Resp: 106831
Ion Ratio Lower Upper
146 100
111 39.1 26.2 48.8
148 62.6 44.1 81.9

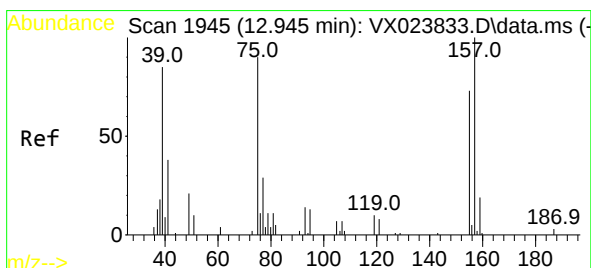
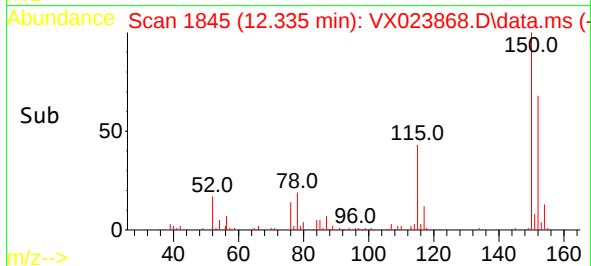
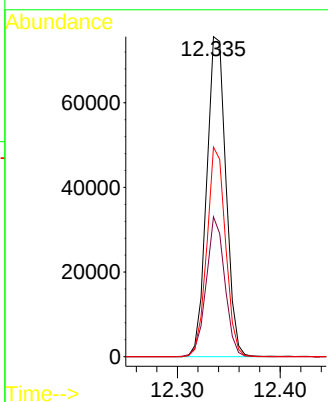
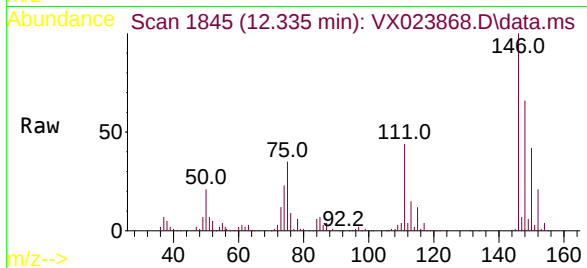




#67
1,2-Dichlorobenzene
Concen: 5.387 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

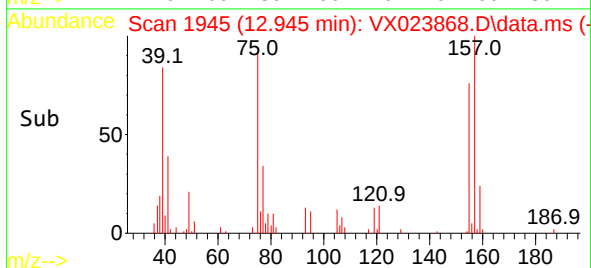
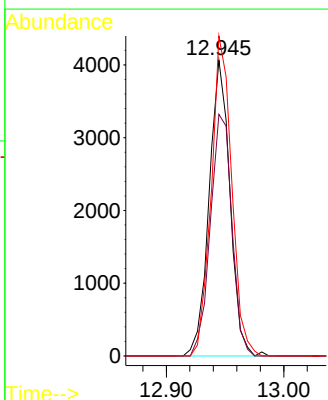
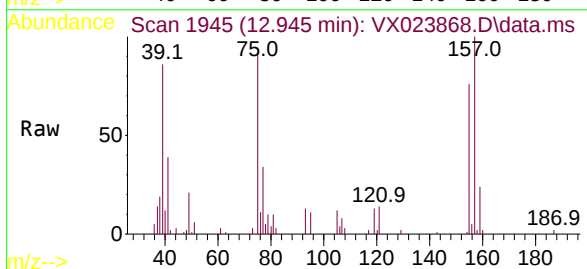
Instrument :
MSVOA_X
ClientSampled :

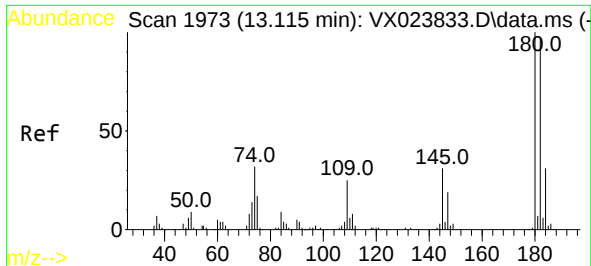
Tgt Ion:146 Resp: 98248
Ion Ratio Lower Upper
146 100
111 43.7 36.3 54.5
148 65.5 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.922 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion: 75 Resp: 4996
Ion Ratio Lower Upper
75 100
155 81.7 69.8 104.8
157 108.2 90.0 135.0

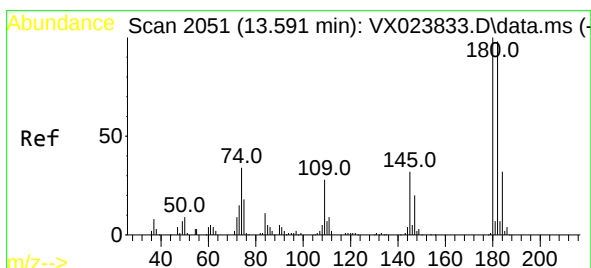
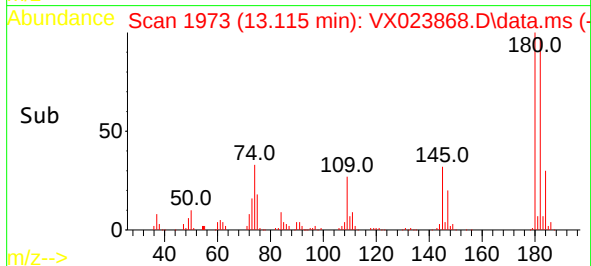
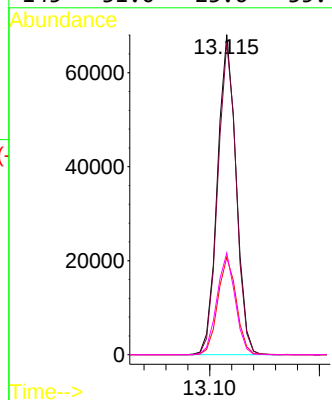
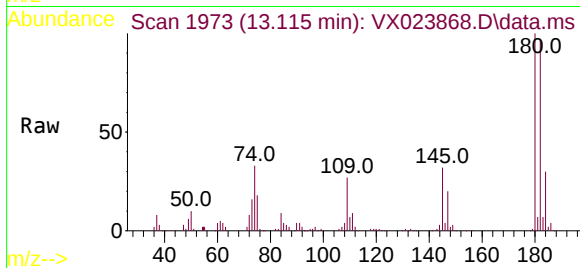




#69
1,3,5-Trichlorobenzene
Concen: 5.411 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

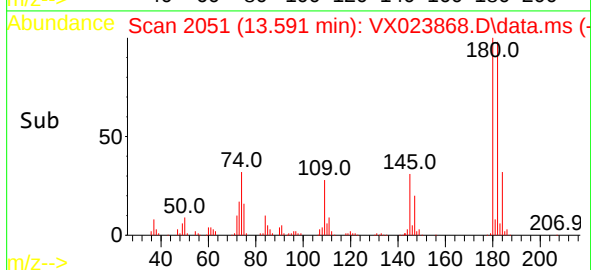
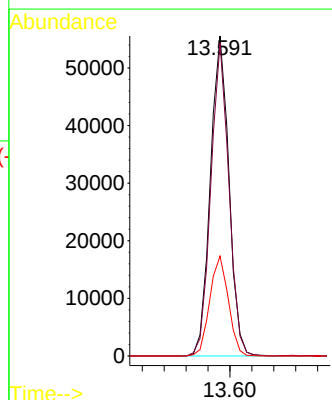
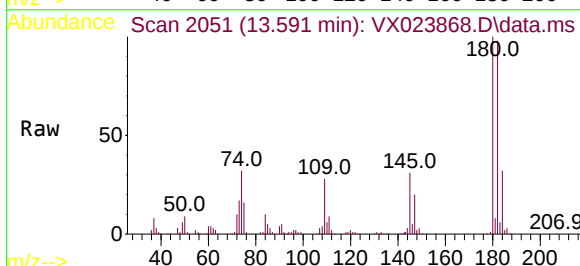
Instrument :
MSVOA_X
ClientSampled :

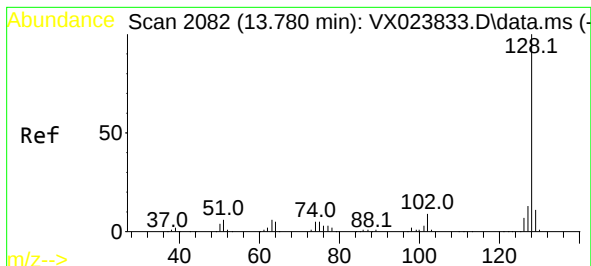
Tgt Ion:180 Resp: 80391
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.4
184 30.3 24.6 36.8
145 31.0 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 5.502 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:180 Resp: 65161
Ion Ratio Lower Upper
180 100
182 94.7 74.3 111.5
145 31.3 24.1 36.1

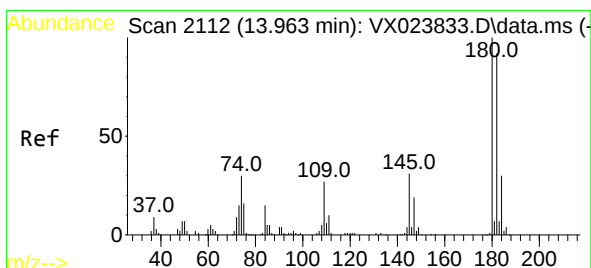
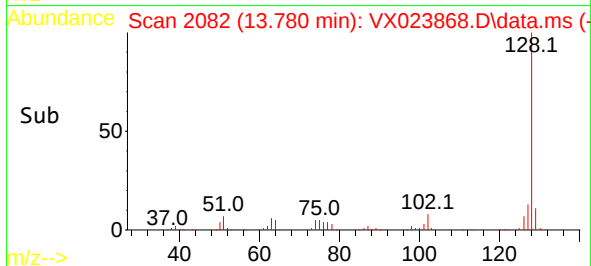
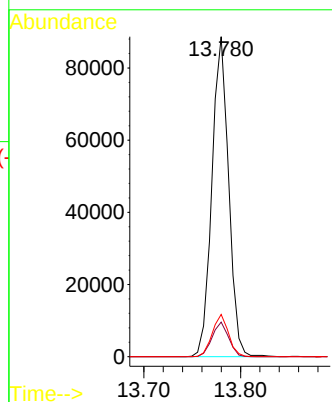
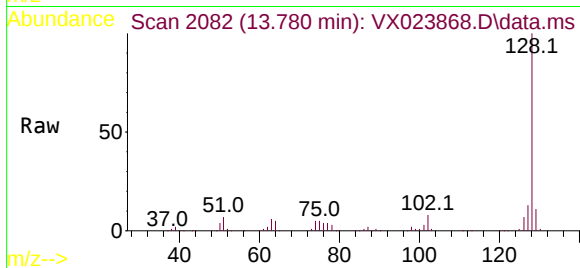




#71
Naphthalene
Concen: 5.330 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:128 Resp: 106566
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.9 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.367 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023868.D
Acq: 20 Aug 2021 09:31

Tgt Ion:180 Resp: 58374
Ion Ratio Lower Upper
180 100
182 96.8 79.3 118.9
145 33.7 26.5 39.7

