

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034831.D
 Acq On : 29 Mar 2023 16:22
 Operator : JC/MD
 Sample : 01950-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 30 06:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	283607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	488323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	199052	45.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.780%
35) Dibromofluoromethane	5.385	113	147668	45.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.646	98	554017	46.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	214729	46.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%

Target Compounds					Qvalue	
3) Chloromethane	1.294	50	3469	0.979	ug/l	98
5) Bromomethane	1.617	94	173750	76.249	ug/l	96
7) Trichlorofluoromethane	1.892	101	257413	45.661	ug/l	100
10) Methyl Iodide	2.452	142	7166	1.953	ug/l	90
11) Tert butyl alcohol	3.093	59	11643	15.299	ug/l #	1
12) 1,1-Dichloroethene	2.318	96	107297	36.852	ug/l	96
15) Acrylonitrile	3.105	53	5358	3.128	ug/l #	17
16) Acetone	2.385	43	105069	59.631	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	483793	44.880	ug/l	100
20) Methylene Chloride	2.788	84	55736	16.030	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	194572	61.275	ug/l	95
25) 2-Butanone	4.556	43	463114	180.690	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	115311	30.647	ug/l	90
28) Bromochloromethane	5.092	49	37230	12.290	ug/l #	15
30) Chloroform	5.092	83	411075	65.357	ug/l	99
31) Cyclohexane	5.549	56	7392	1.400	ug/l #	16
32) 1,1,1-Trichloroethane	5.385	97	180335	33.598	ug/l	98
36) 1,1-Dichloropropene	5.543	75	24174	5.052	ug/l #	47
37) Ethyl Acetate	4.556	43	463114	92.559	ug/l #	70
38) Carbon Tetrachloride	5.677	117	224123	49.679	ug/l	96
40) Benzene	6.037	78	1119065	81.468	ug/l	99
41) Methacrylonitrile	5.092	41	2030	0.738	ug/l #	25
42) 1,2-Dichloroethane	6.037	62	11209	2.053	ug/l #	75
44) Trichloroethene	7.128	130	5706	1.627	ug/l	95
46) Dibromomethane	7.823	93	8682	3.525	ug/l #	5
47) Bromodichloromethane	7.823	83	275203	60.495	ug/l	99
49) 1,4-Dioxane	7.817	88	365	4.308	ug/l #	23
51) 4-Methyl-2-Pentanone	8.573	43	853759	172.332	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	86511	17.677	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	482669	90.123	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.366	63	3025	1.119	ug/l #	49
59) 2-Hexanone	9.427	43	370087	98.766	ug/l	98
60) Dibromochloromethane	9.518	129	242319	75.043	ug/l	99
61) 1,2-Dibromoethane	9.610	107	111314	31.580	ug/l	100
64) Tetrachloroethene	9.274	164	132270	42.654	ug/l	97
65) Chlorobenzene	10.079	112	460071	51.030	ug/l	99

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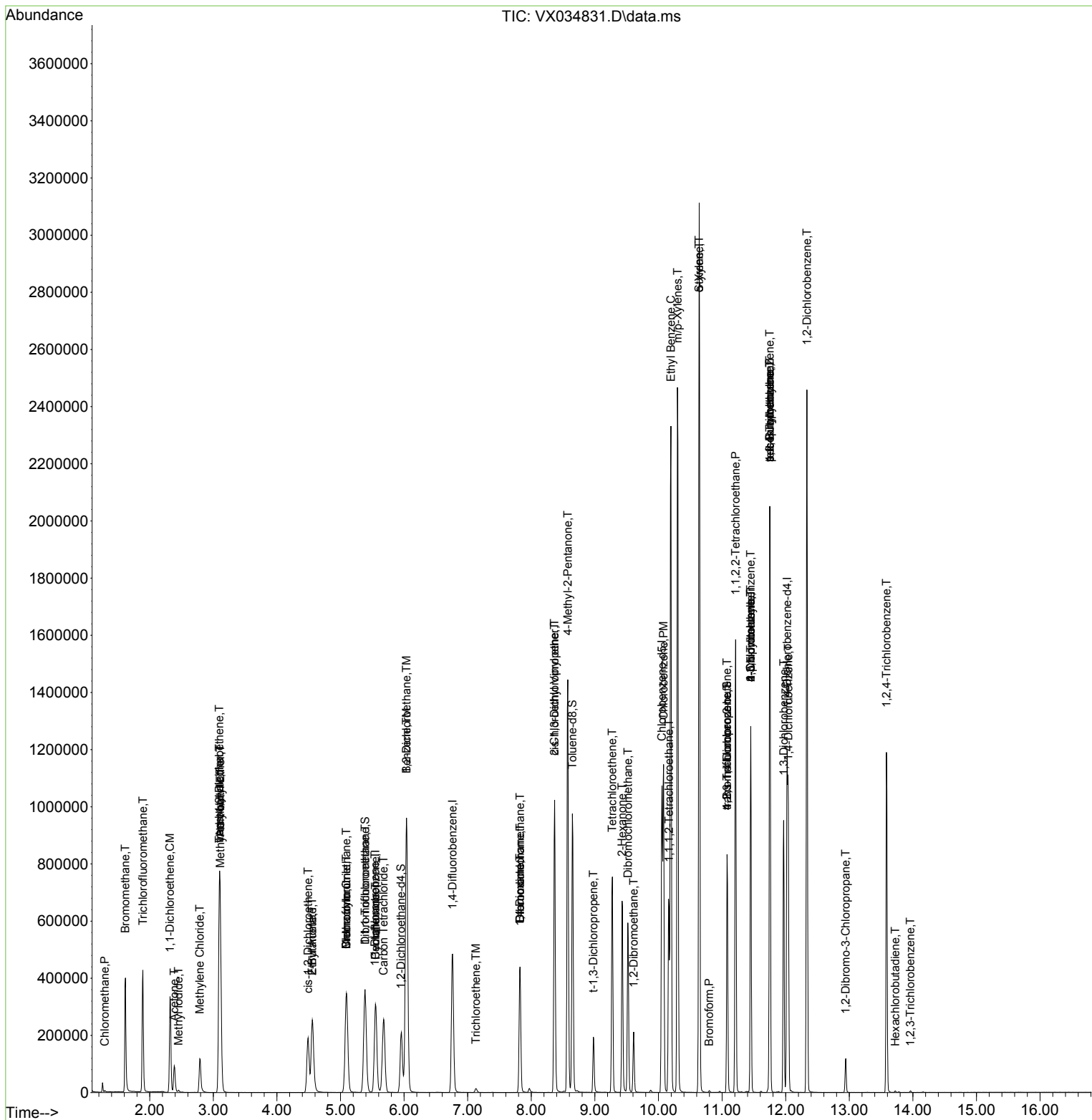
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

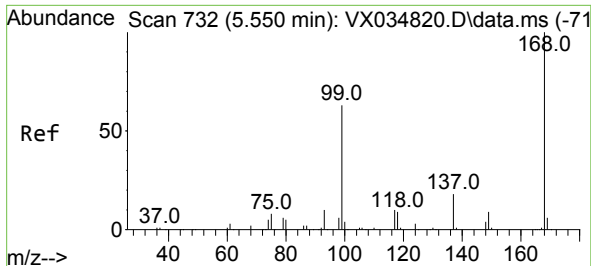
Quant Time: Mar 30 06:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,1,1,2-Tetrachloroethane	10.164	131	138158	44.565	ug/l	99
67) Ethyl Benzene	10.195	91	1289289	78.941	ug/l	99
68) m/p-Xylenes	10.299	106	548727	87.954	ug/l	98
69) o-Xylene	10.640	106	621467	101.684	ug/l	97
70) Styrene	10.640	104	30907	3.168	ug/l #	1
71) Bromoform	10.798	173	2022	0.959	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	575271	112.847	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	115376	23.876	ug/l #	33
78) n-propylbenzene	11.451	91	59932	3.335	ug/l #	1
79) 2-Chlorotoluene	11.451	91	59932	5.283	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	509847	39.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	115376	80.816	ug/l #	8
82) 4-Chlorotoluene	11.451	91	59932	4.549	ug/l #	47
83) tert-Butylbenzene	11.750	119	102329	8.379	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.750	105	844296	63.840	ug/l	99
85) sec-Butylbenzene	11.750	105	844296	56.829	ug/l #	56
86) p-Isopropyltoluene	11.750	119	100975	8.151	ug/l #	6
87) 1,3-Dichlorobenzene	11.969	146	288168	41.057	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	292052	39.840	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	695355	98.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21903	20.584	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	259736	65.330	ug/l	99
94) Hexachlorobutadiene	13.725	225	931	0.532	ug/l	90
96) 1,2,3-Trichlorobenzene	13.963	180	1586	0.396	ug/l	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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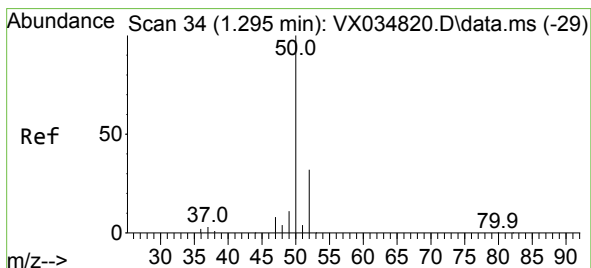
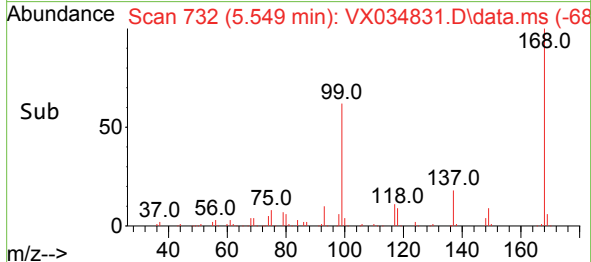
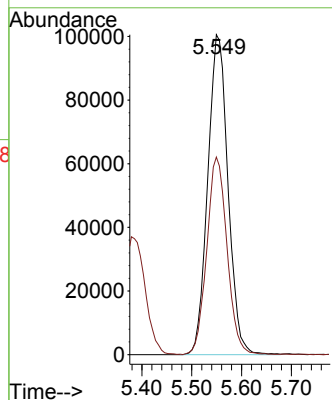
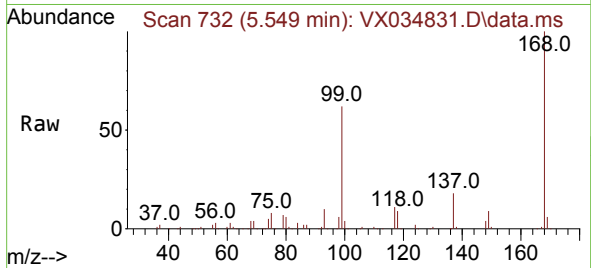




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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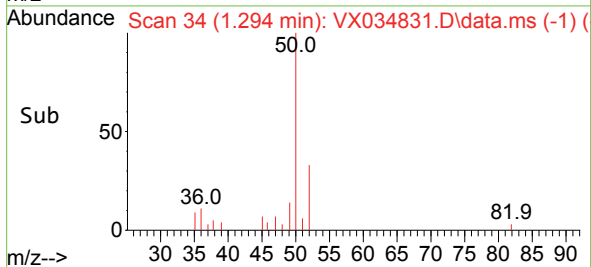
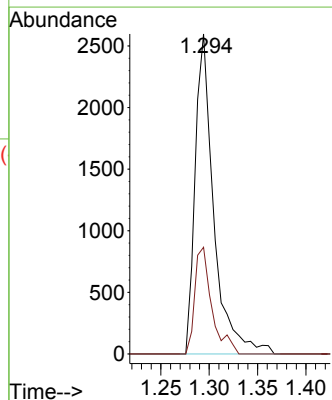
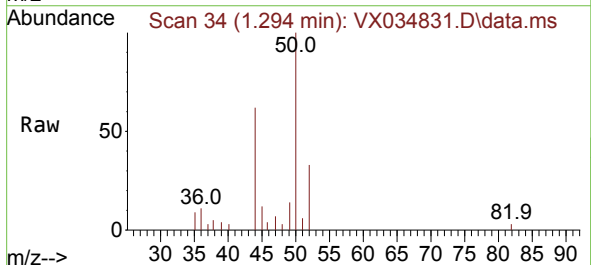
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

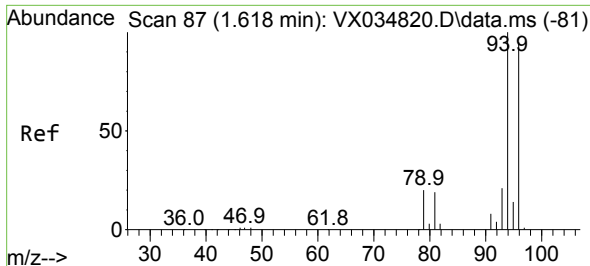
Tgt Ion:168 Resp: 283607
Ion Ratio Lower Upper
168 100
99 61.6 45.7 68.5



#3
Chloromethane
Concen: 0.979 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 50 Resp: 3469
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

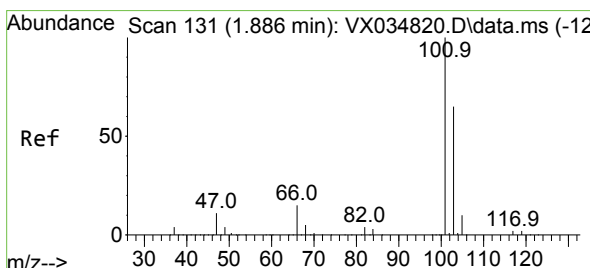
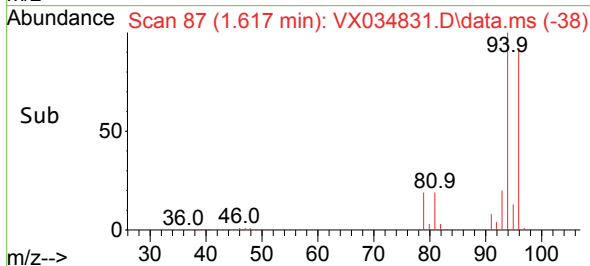
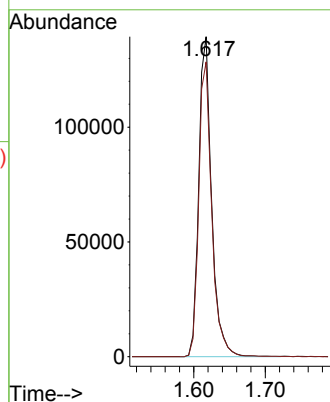
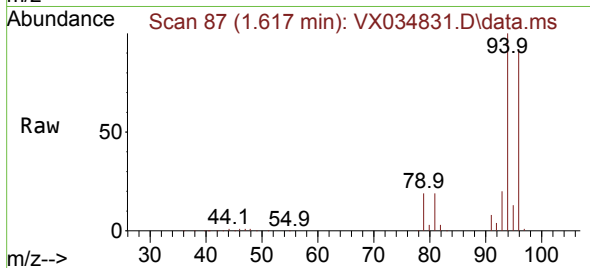




#5
Bromomethane
Concen: 76.249 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

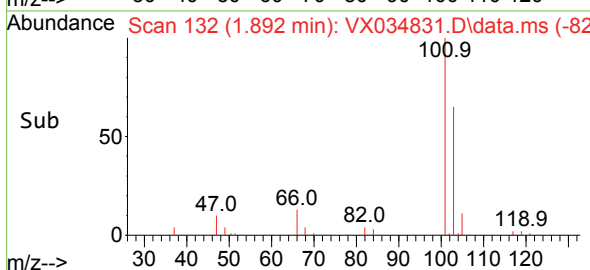
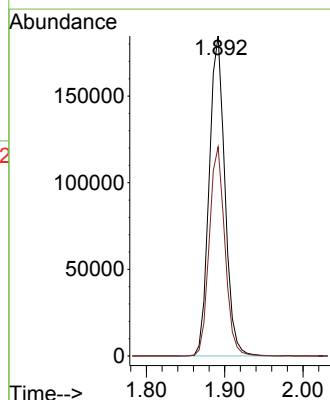
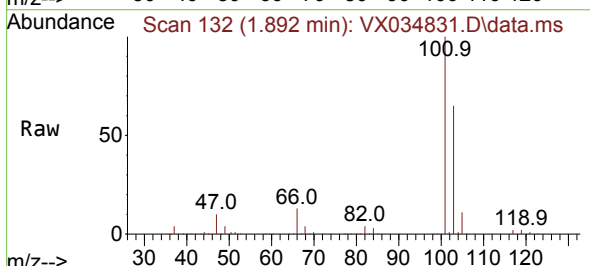
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

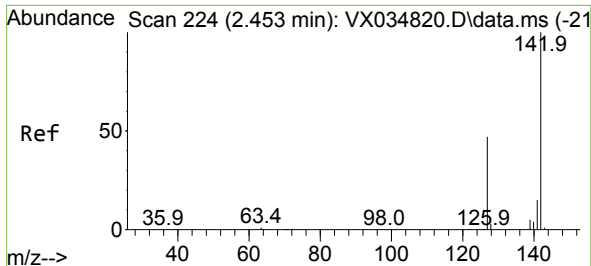
Tgt Ion: 94 Resp: 173750
Ion Ratio Lower Upper
94 100
96 92.2 77.0 115.6



#7
Trichlorofluoromethane
Concen: 45.661 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

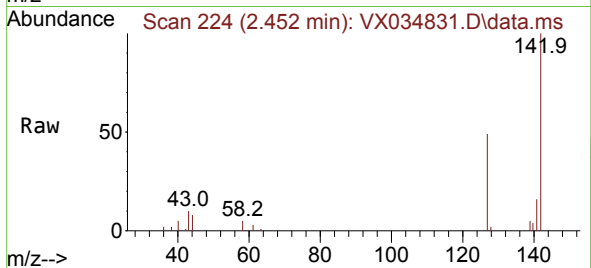
Tgt Ion:101 Resp: 257413
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0



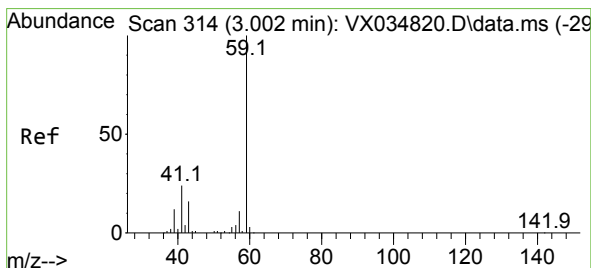
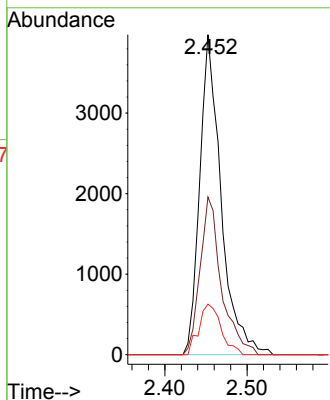
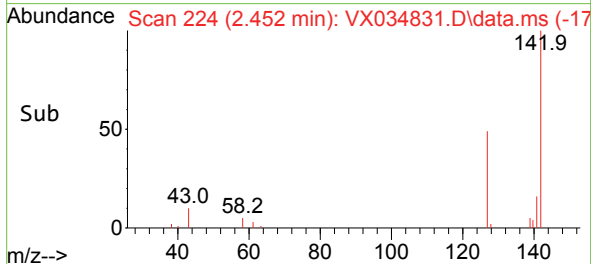


#10
Methyl Iodide
Concen: 1.953 ug/l
RT: 2.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

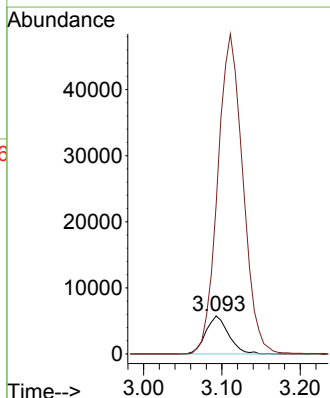
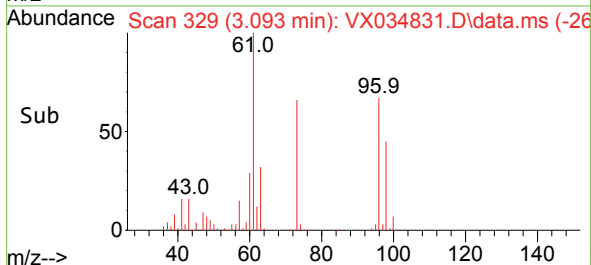
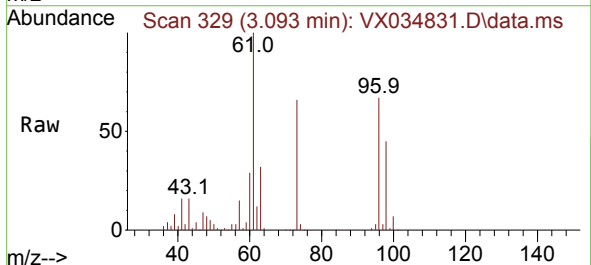


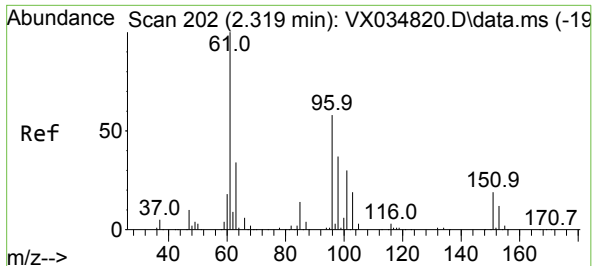
Tgt Ion:142 Resp: 7166
Ion Ratio Lower Upper
142 100
127 49.3 34.0 51.0
141 16.5 11.1 16.7



#11
Tert butyl alcohol
Concen: 15.299 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.091 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 59 Resp: 11643
Ion Ratio Lower Upper
59 100
57 933.5 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 36.852 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

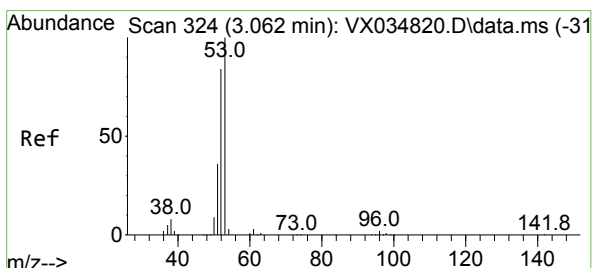
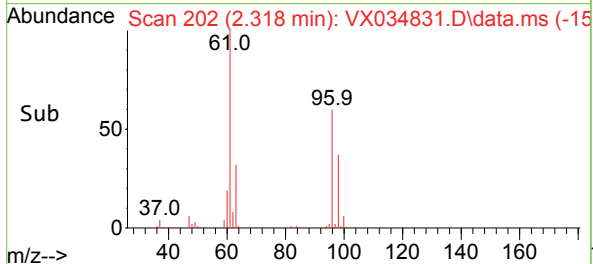
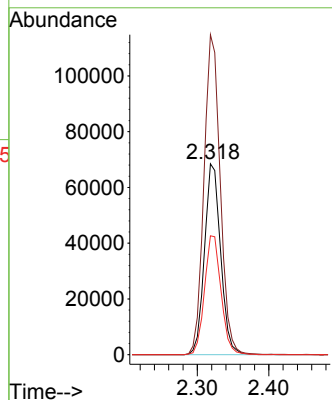
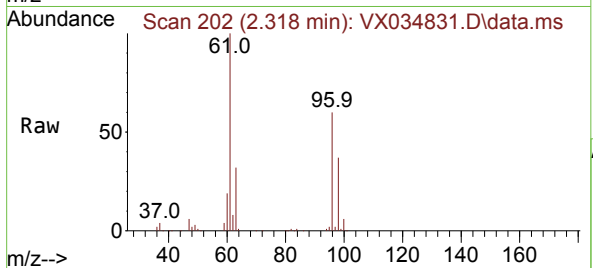
Tgt Ion: 96 Resp: 107297

Ion Ratio Lower Upper

96 100

61 167.6 128.8 193.2

98 62.3 51.4 77.0



#15

Acrylonitrile

Concen: 3.128 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.042 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

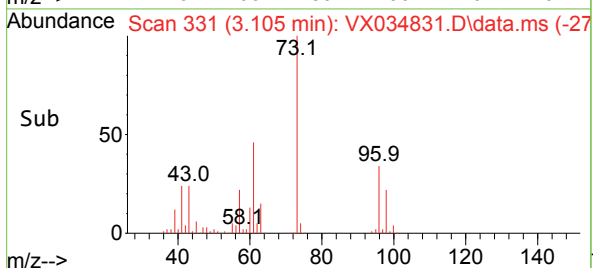
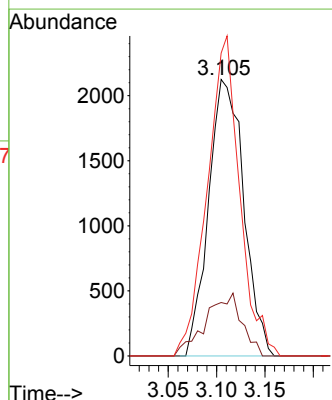
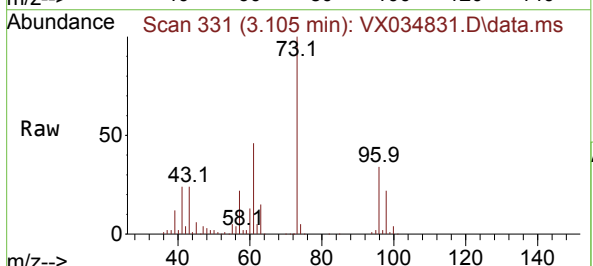
Tgt Ion: 53 Resp: 5358

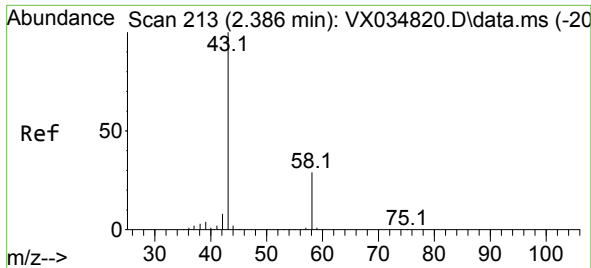
Ion Ratio Lower Upper

53 100

52 23.4 66.2 99.2#

51 106.7 28.3 42.5#

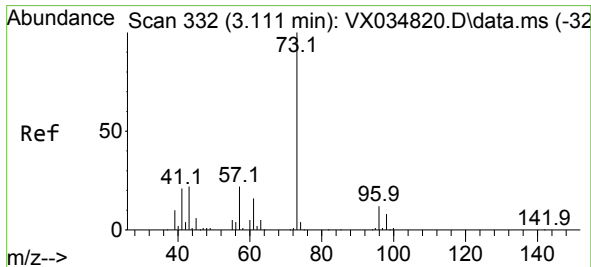
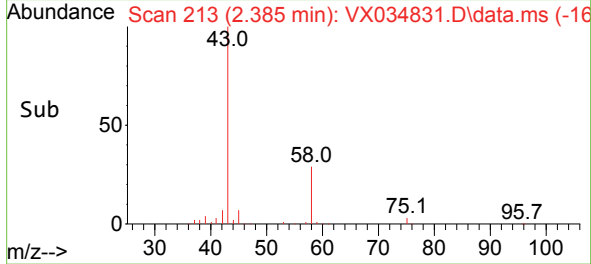
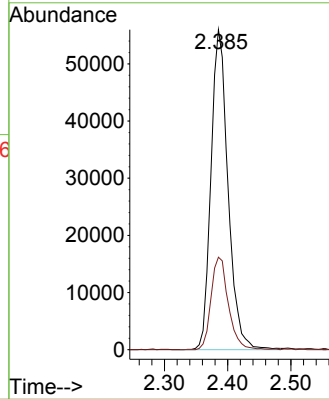
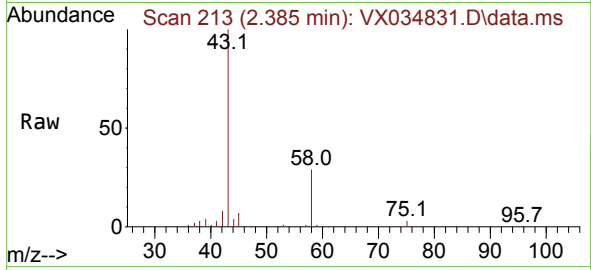




#16
Acetone
Concen: 59.631 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

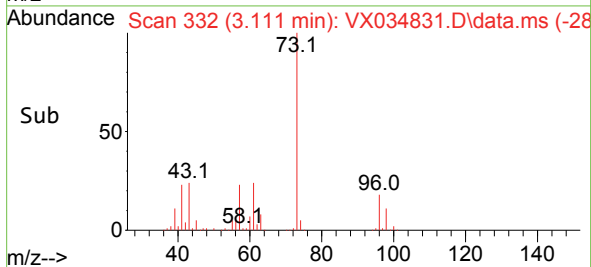
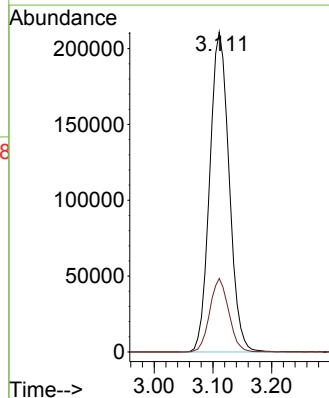
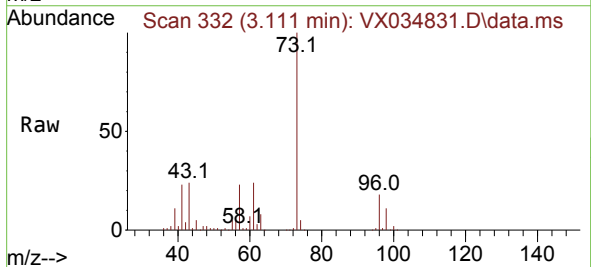
Instrument :
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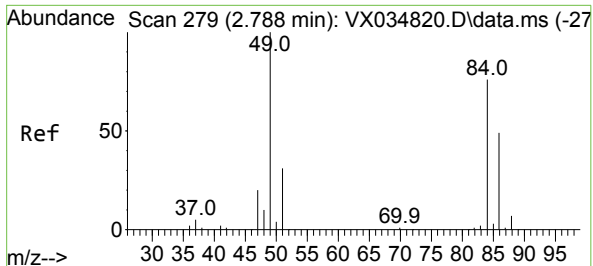
Tgt Ion: 43 Resp: 105069
Ion Ratio Lower Upper
43 100
58 28.9 24.7 37.1



#19
Methyl tert-butyl Ether
Concen: 44.880 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 73 Resp: 483793
Ion Ratio Lower Upper
73 100
57 22.9 18.5 27.7

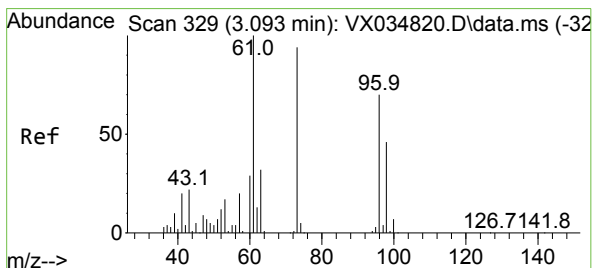
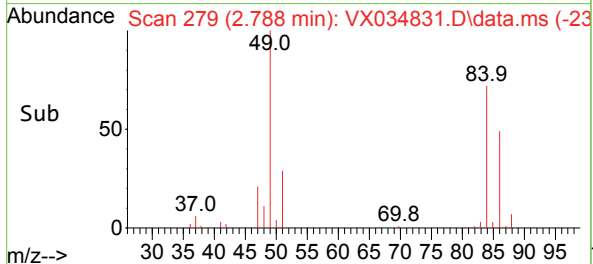
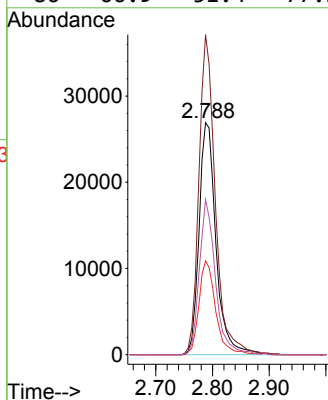
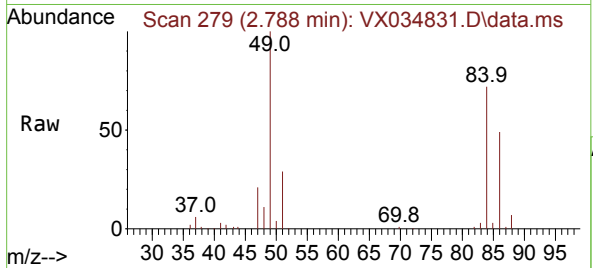




#20
Methylene Chloride
Concen: 16.030 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

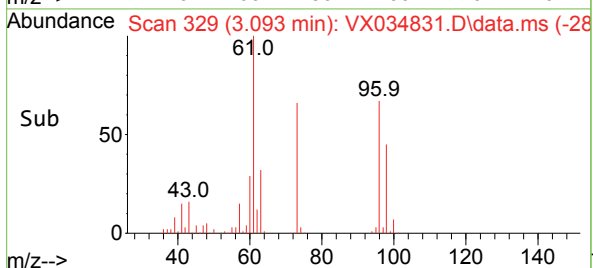
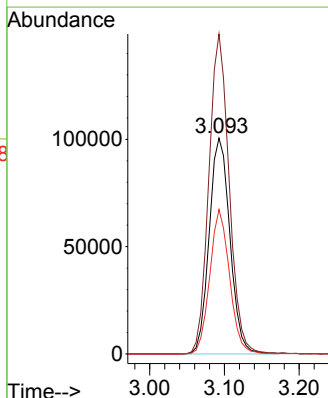
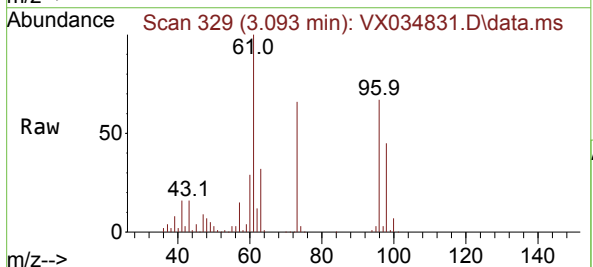
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

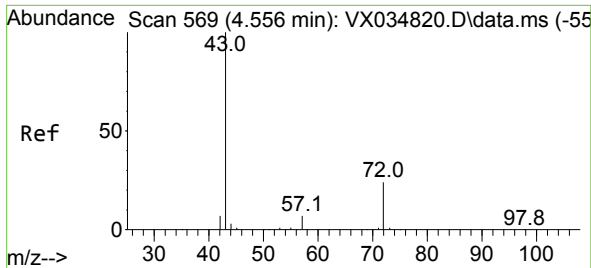
Tgt Ion:	84	Resp:	55736
Ion	Ratio	Lower	Upper
84	100		
49	138.0	103.8	155.8
51	40.5	31.8	47.8
86	66.9	51.4	77.2



#21
trans-1,2-Dichloroethene
Concen: 61.275 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:	96	Resp:	194572
Ion	Ratio	Lower	Upper
96	100		
61	148.3	113.0	169.6
98	67.0	52.1	78.1

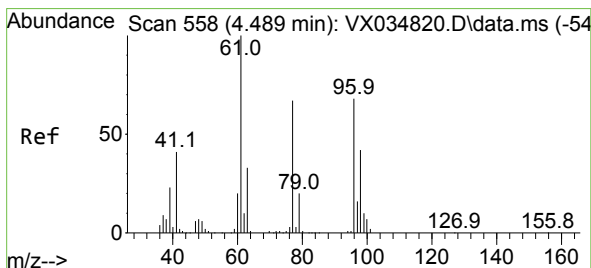
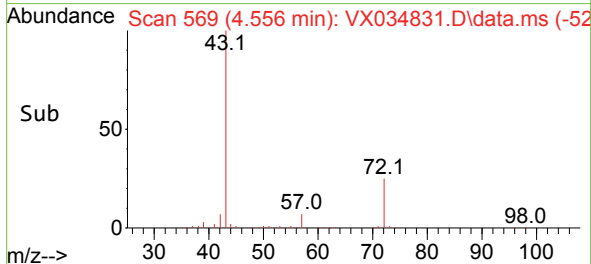
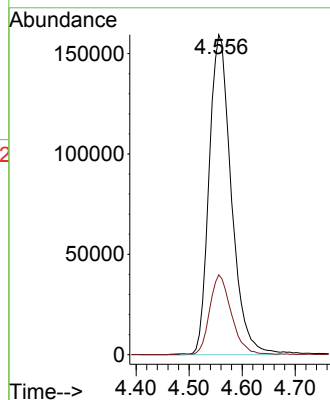
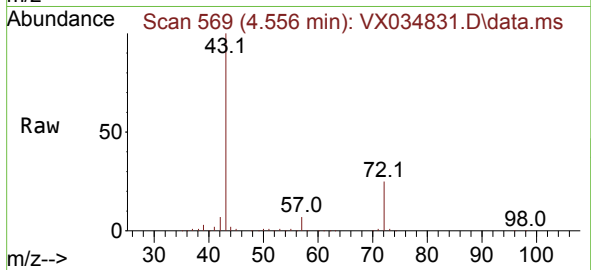




#25
2-Butanone
Concen: 180.690 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

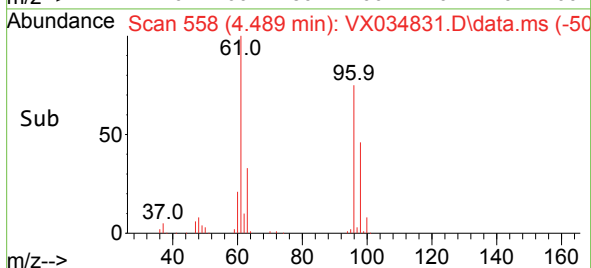
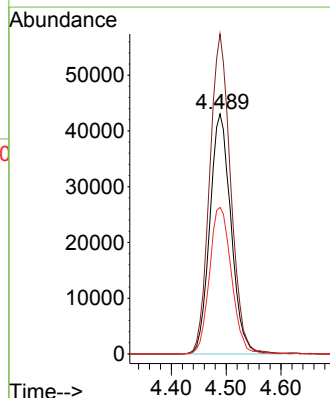
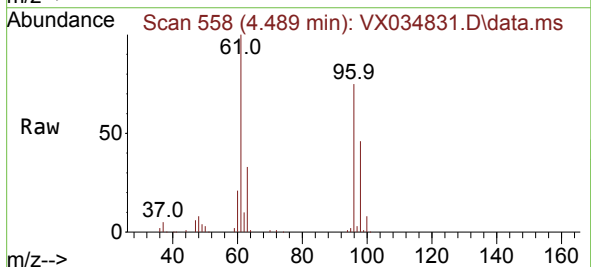
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

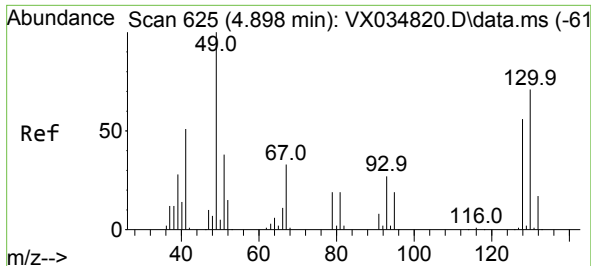
Tgt Ion: 43 Resp: 463114
Ion Ratio Lower Upper
43 100
72 24.7 19.3 28.9



#27
cis-1,2-Dichloroethene
Concen: 30.647 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 96 Resp: 115311
Ion Ratio Lower Upper
96 100
61 132.4 0.0 300.4
98 63.3 0.0 129.0

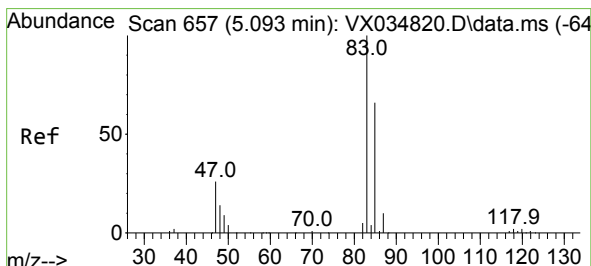
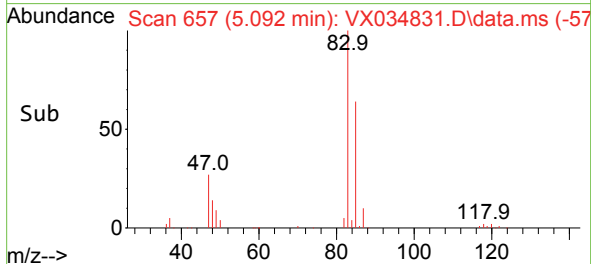
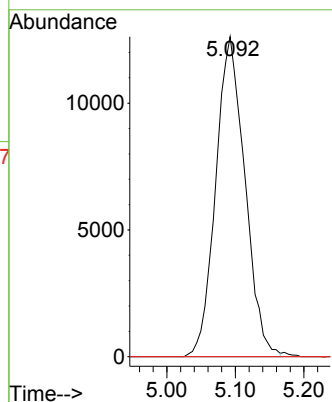
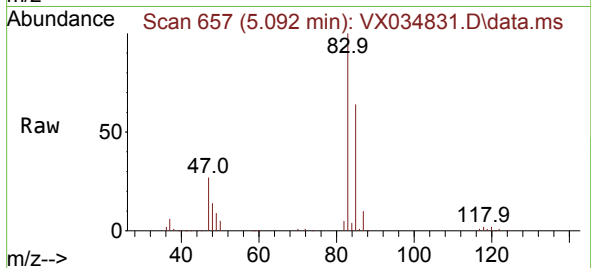




#28
 Bromochloromethane
 Concen: 12.290 ug/l
 RT: 5.092 min Scan# 61
 Delta R.T. 0.195 min
 Lab File: VX034831.D
 Acq: 29 Mar 2023 16:22

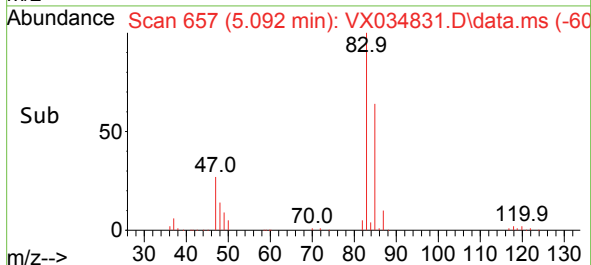
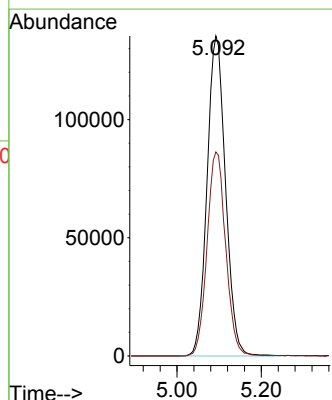
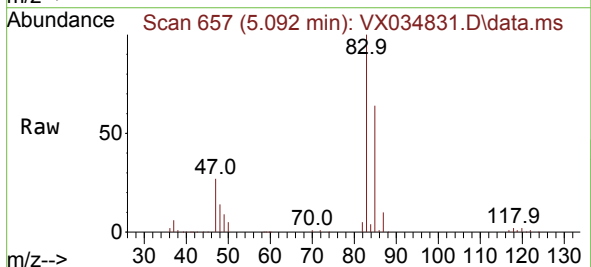
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

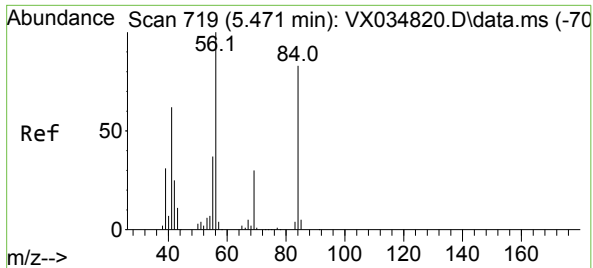
Tgt Ion: 49 Resp: 37230
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 0.0 58.2 87.2#



#30
 Chloroform
 Concen: 65.357 ug/l
 RT: 5.092 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VX034831.D
 Acq: 29 Mar 2023 16:22

Tgt Ion: 83 Resp: 411075
 Ion Ratio Lower Upper
 83 100
 85 63.8 50.6 76.0

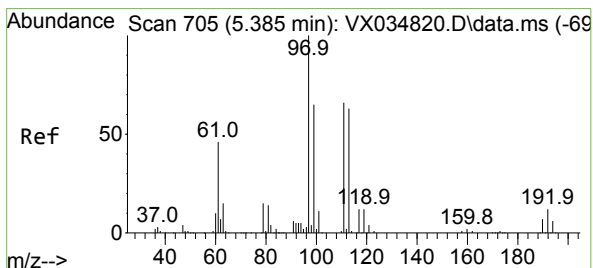
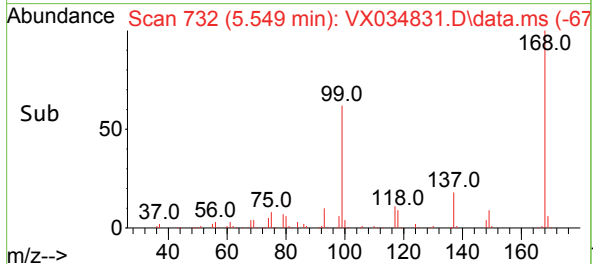
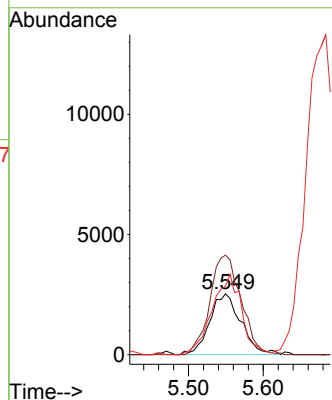
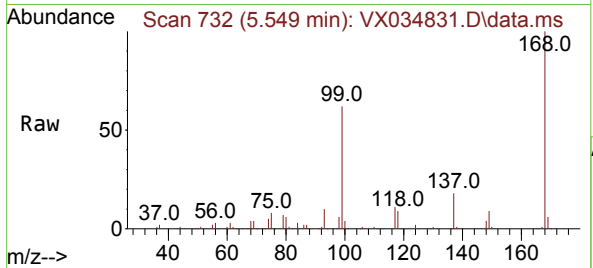




#31
Cyclohexane
Concen: 1.400 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

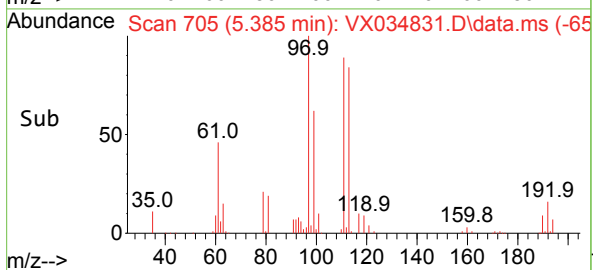
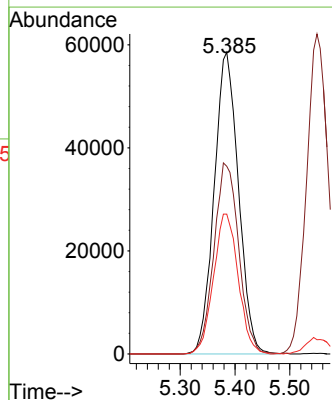
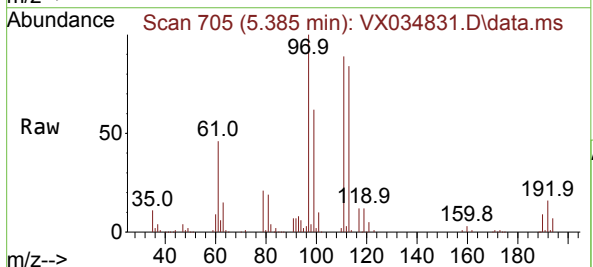
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

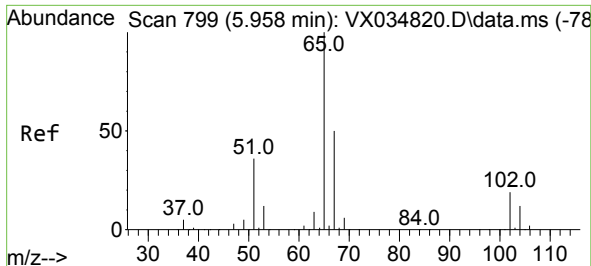
Tgt Ion: 56 Resp: 7392
Ion Ratio Lower Upper
56 100
69 163.7 23.7 35.5#
84 110.4 68.5 102.7#



#32
1,1,1-Trichloroethane
Concen: 33.598 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 97 Resp: 180335
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 47.2 36.5 54.7

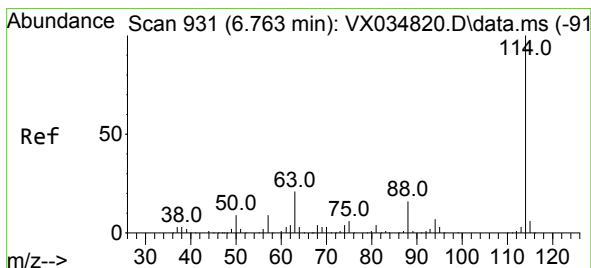
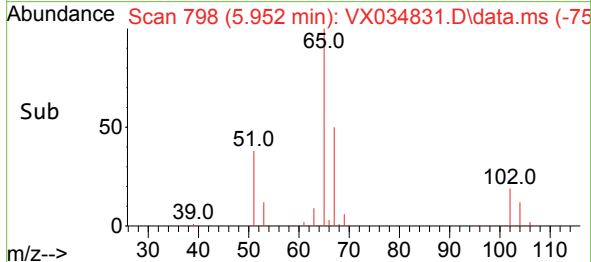
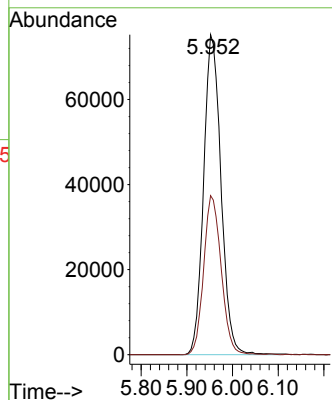
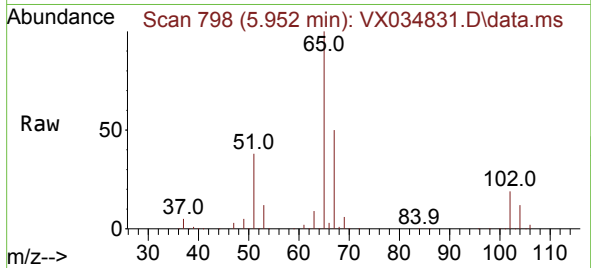




#33
1,2-Dichloroethane-d4
Concen: 45.892 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.007 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

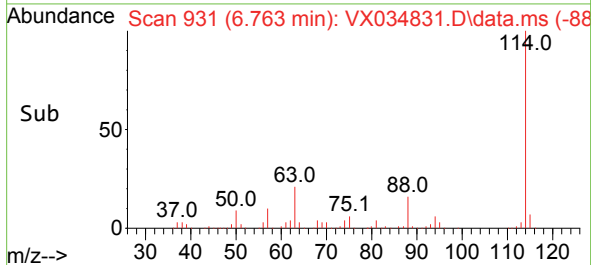
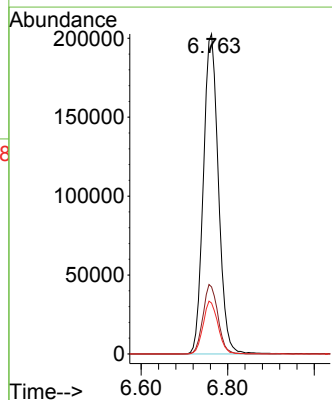
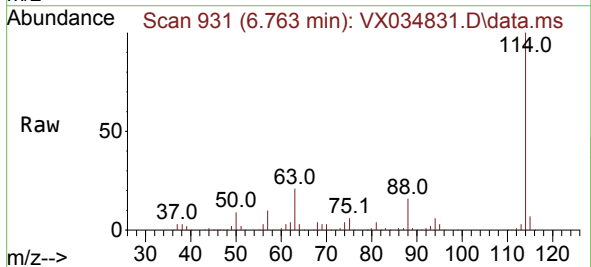
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

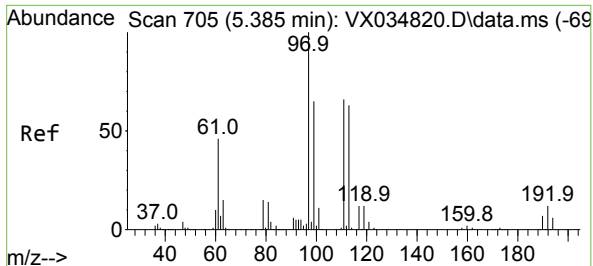
Tgt Ion: 65 Resp: 199052
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:114 Resp: 488323
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 15.9 0.0 33.2

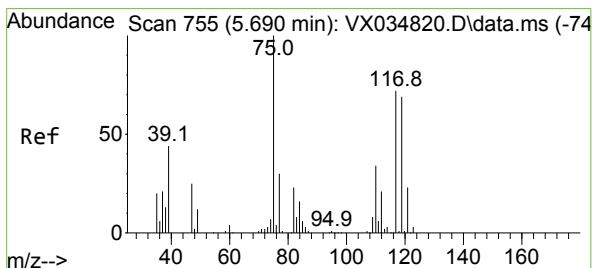
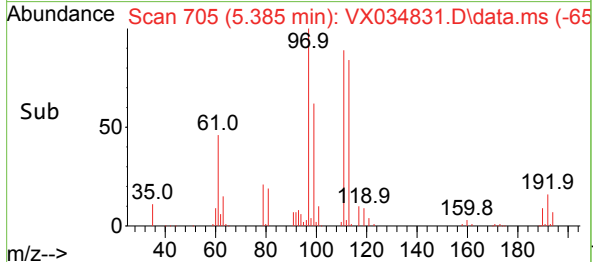
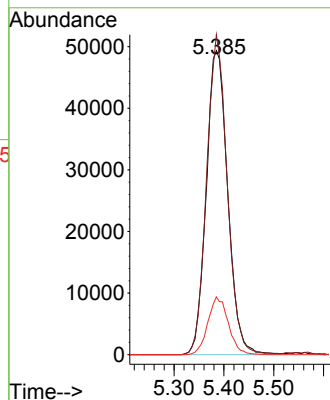
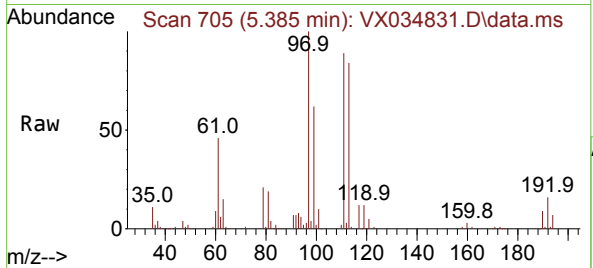




#35
Dibromofluoromethane
Concen: 45.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

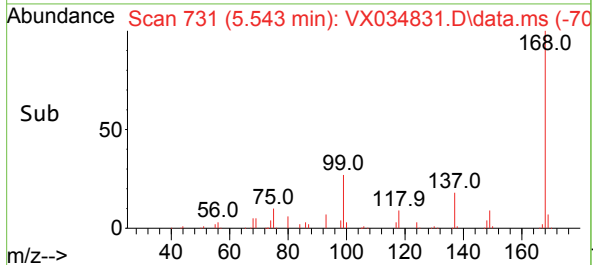
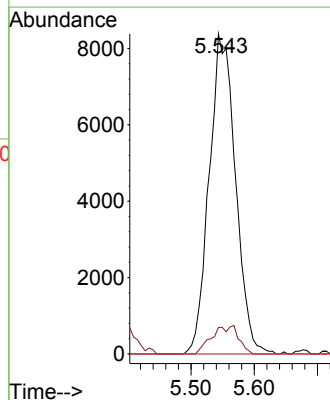
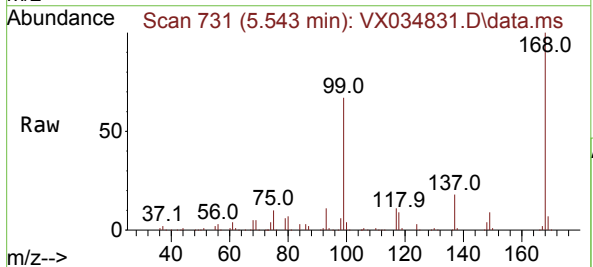
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

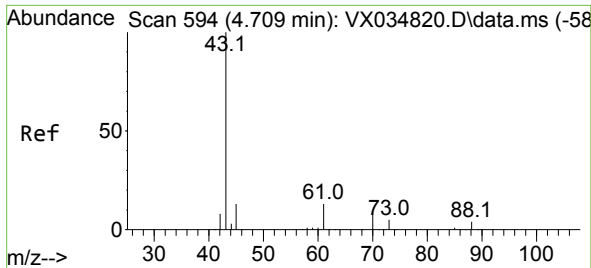
Tgt Ion:113 Resp: 147668
Ion Ratio Lower Upper
113 100
111 101.0 83.7 125.5
192 18.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 75 Resp: 24174
Ion Ratio Lower Upper
75 100
110 5.4 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 92.559 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.153 min

Lab File: VX034831.D

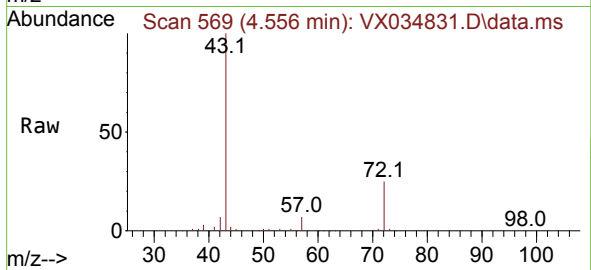
Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP



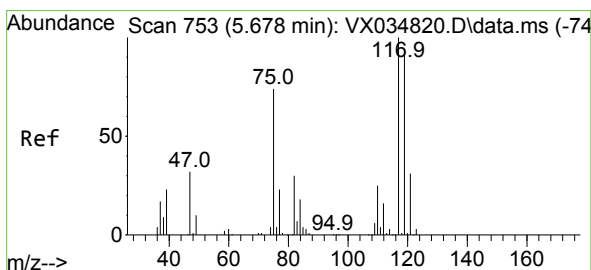
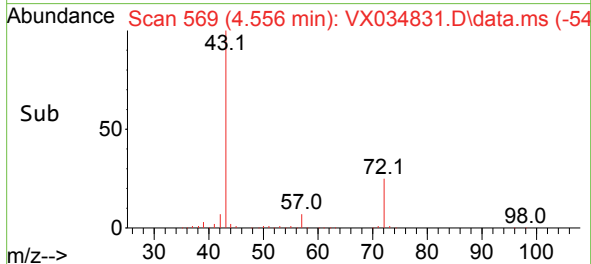
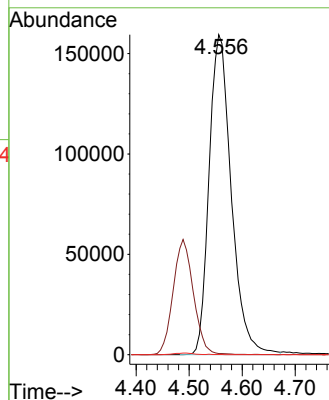
Tgt Ion: 43 Resp: 463114

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 49.679 ug/l

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

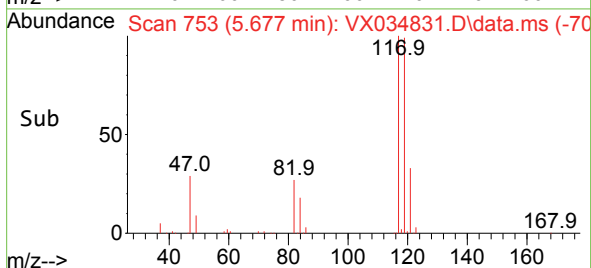
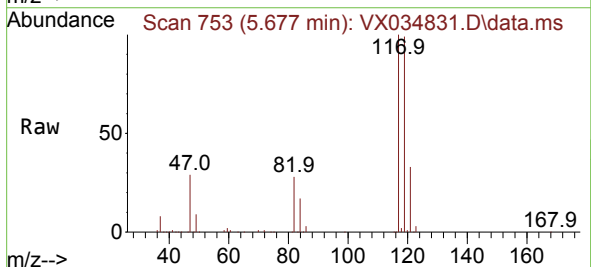
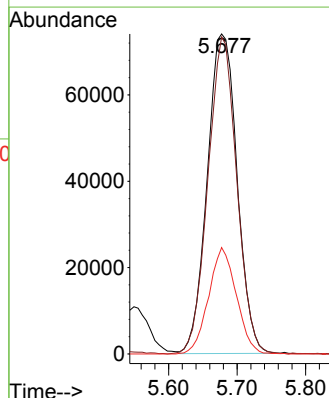
Tgt Ion:117 Resp: 224123

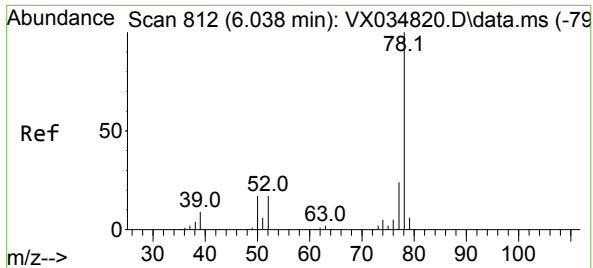
Ion Ratio Lower Upper

117 100

119 99.1 76.6 114.8

121 33.2 23.8 35.6

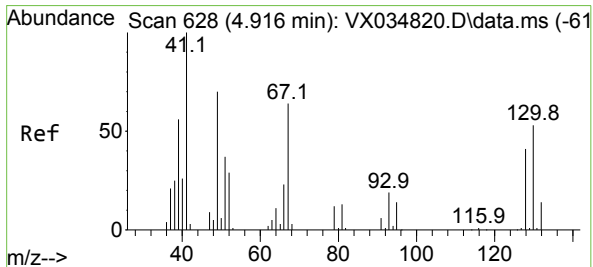
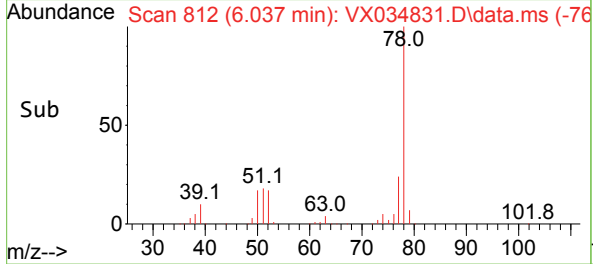
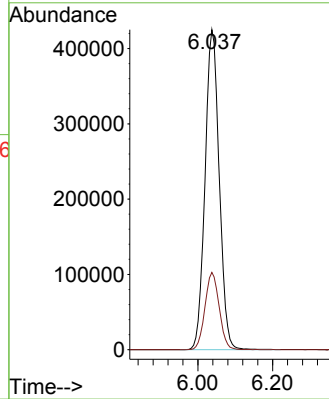
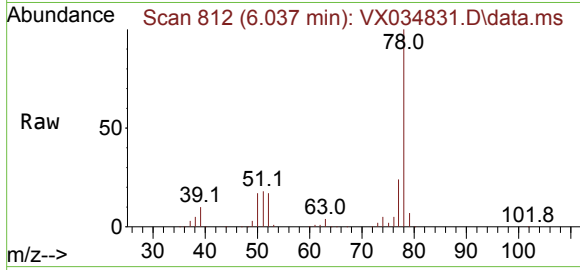




#40
Benzene
Concen: 81.468 ug/l
RT: 6.037 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

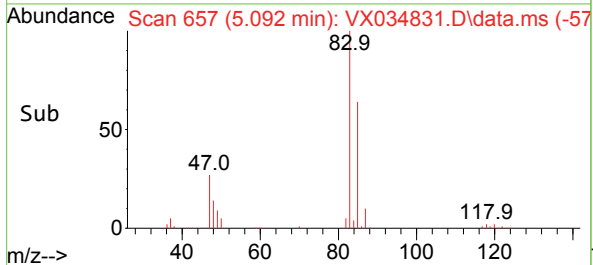
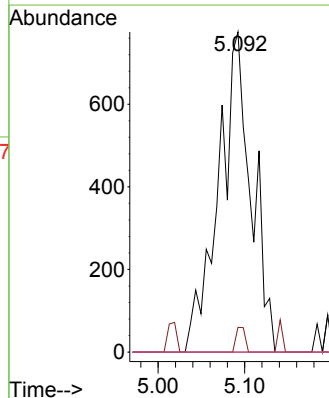
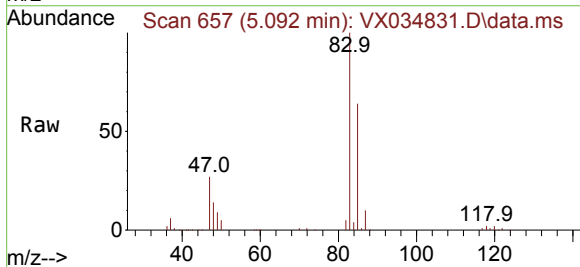
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

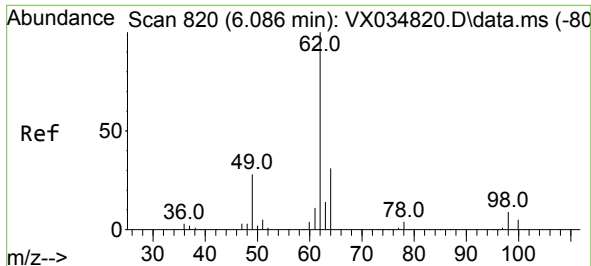
Tgt Ion: 78 Resp: 1119065
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



#41
Methacrylonitrile
Concen: 0.738 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.176 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 41 Resp: 2030
Ion Ratio Lower Upper
41 100
39 2.2 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 2.053 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.049 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

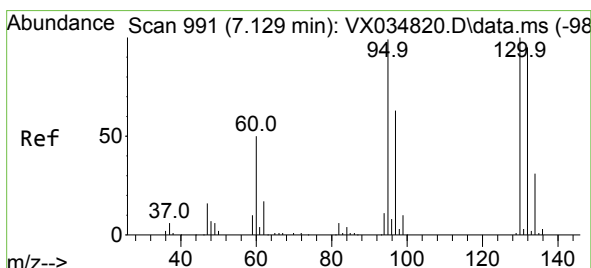
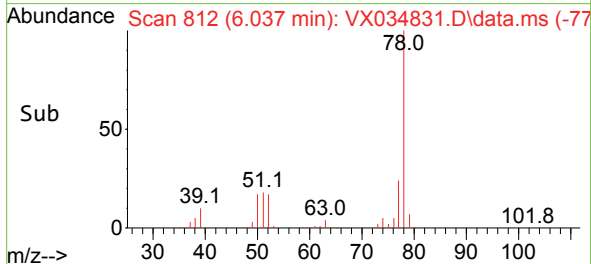
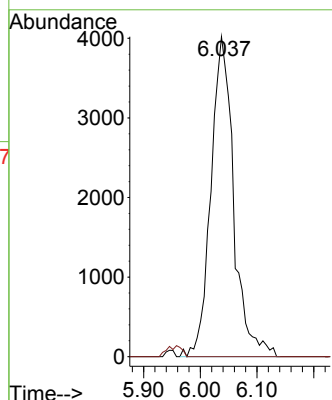
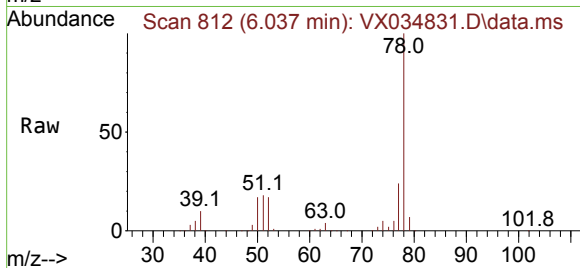
PT-VOA-WP

Tgt Ion: 62 Resp: 11209

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#44

Trichloroethene

Concen: 1.627 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX034831.D

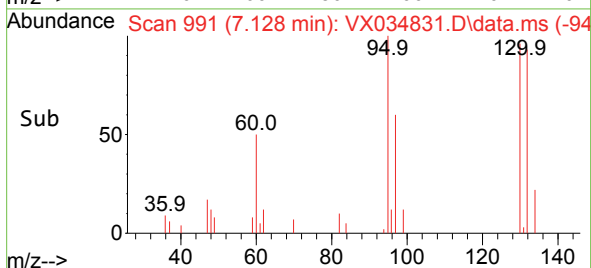
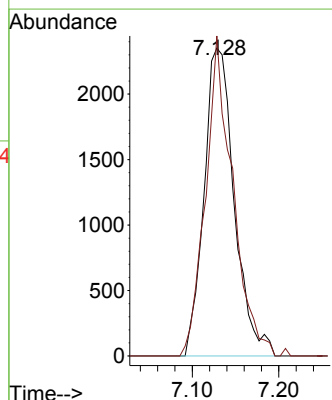
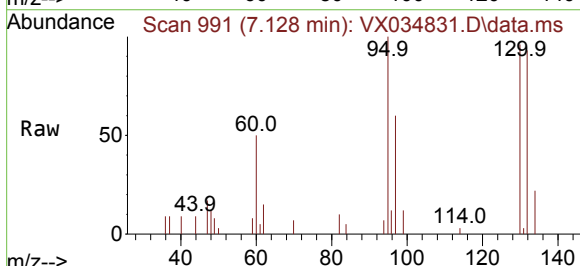
Acq: 29 Mar 2023 16:22

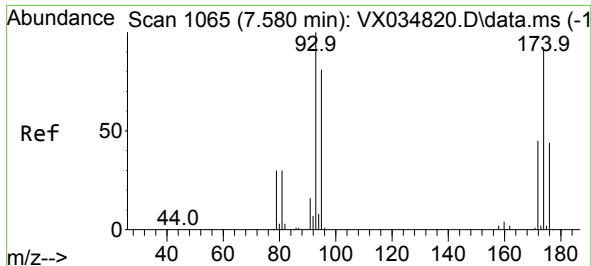
Tgt Ion:130 Resp: 5706

Ion Ratio Lower Upper

130 100

95 104.0 0.0 198.4

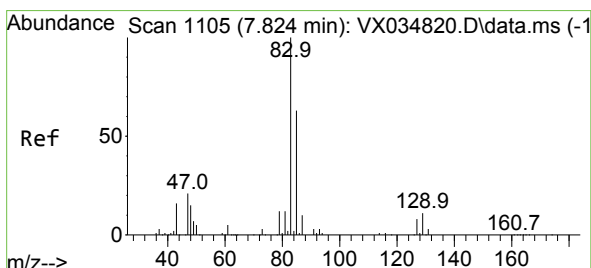
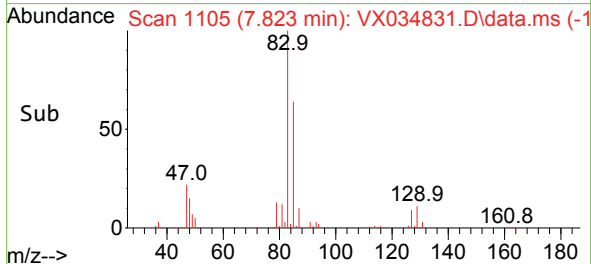
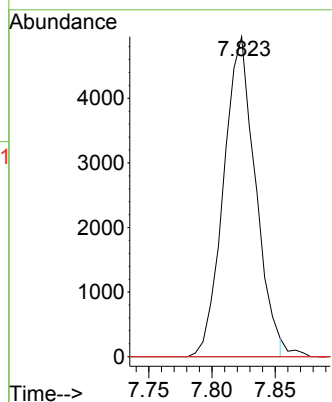
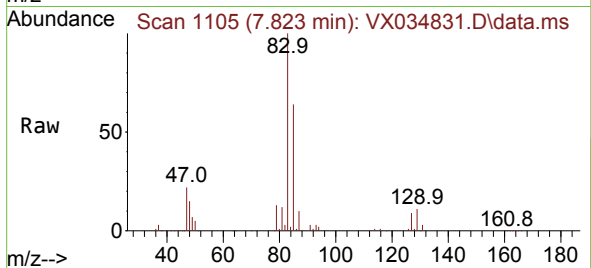




#46
Dibromomethane
Concen: 3.525 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.243 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

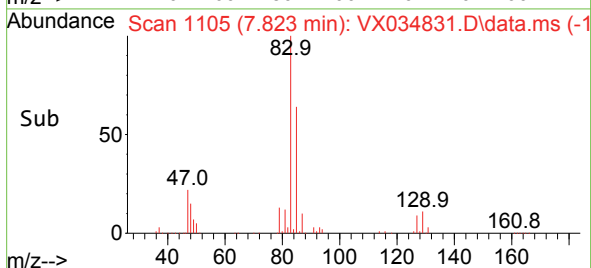
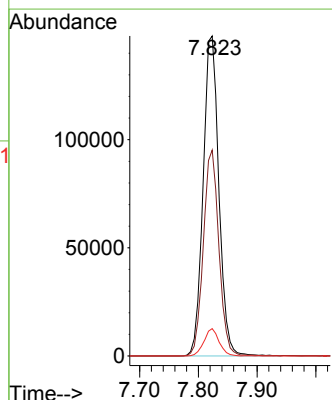
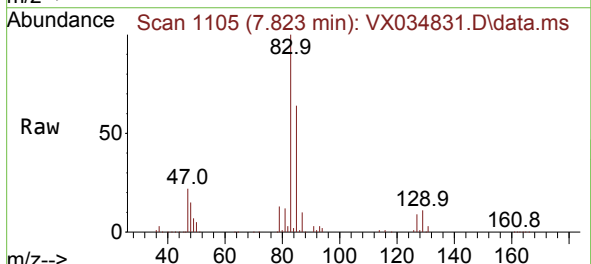
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

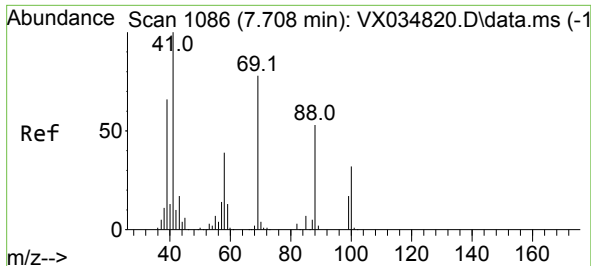
Tgt Ion: 93 Resp: 8682
Ion Ratio Lower Upper
93 100
95 0.0 66.9 100.3#
174 0.0 75.4 113.0#



#47
Bromodichloromethane
Concen: 60.495 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 83 Resp: 275203
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 8.6 6.6 9.8





#49

1,4-Dioxane

Concen: 4.308 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. 0.109 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

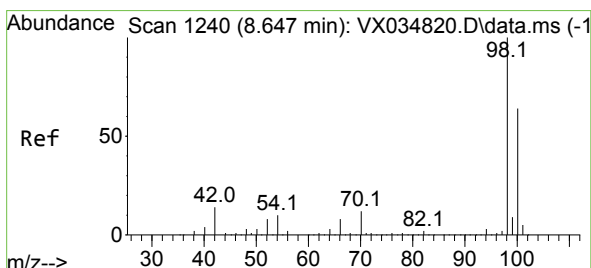
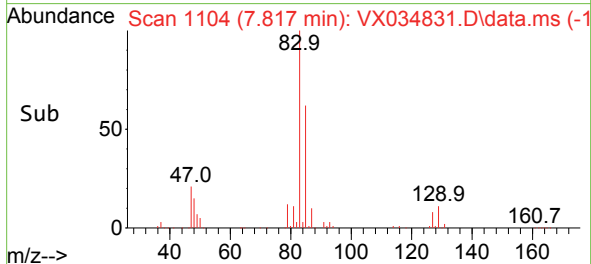
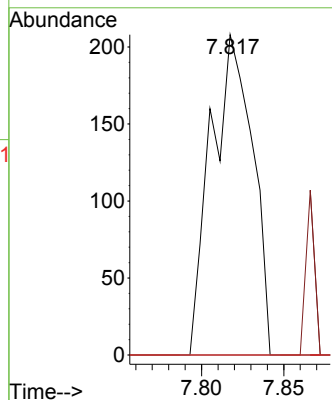
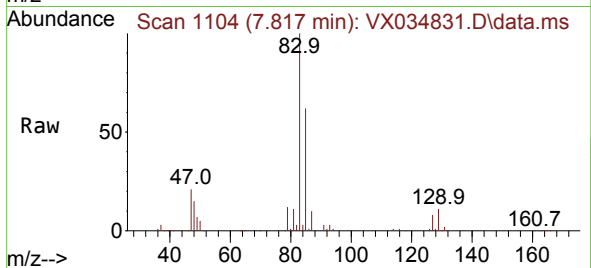
Tgt Ion: 88 Resp: 365

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 46.472 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034831.D

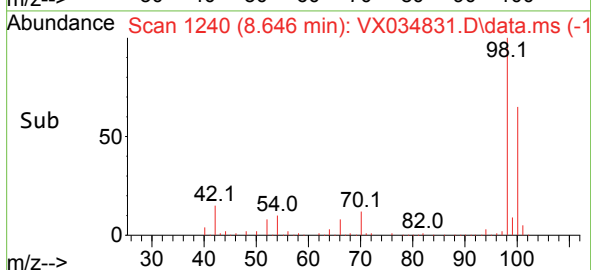
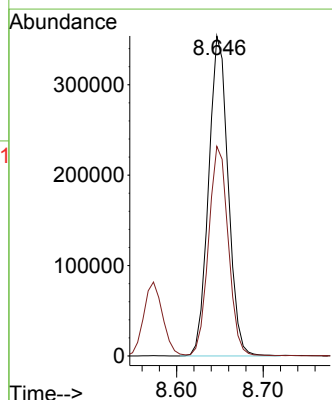
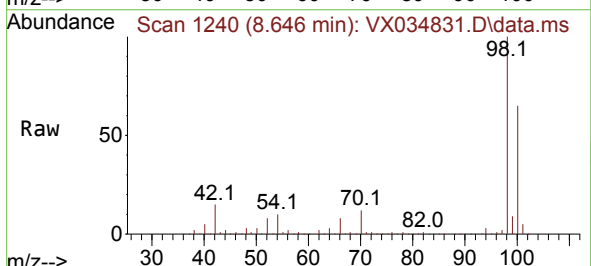
Acq: 29 Mar 2023 16:22

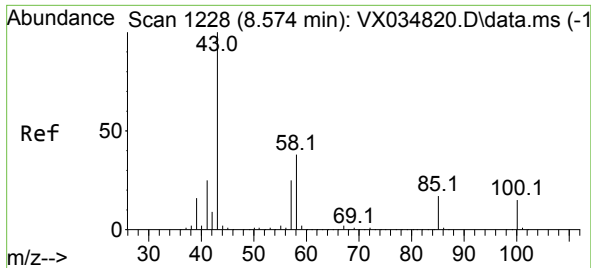
Tgt Ion: 98 Resp: 554017

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7

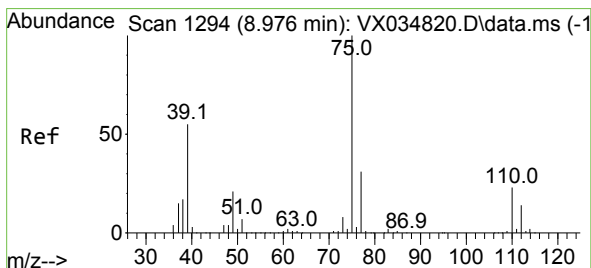
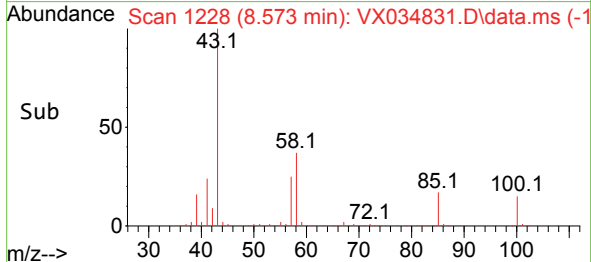
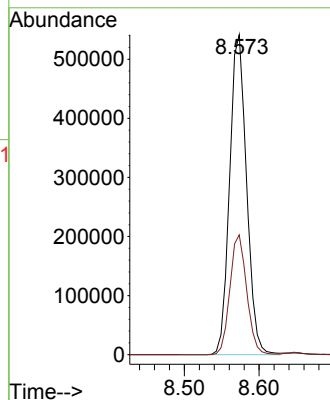
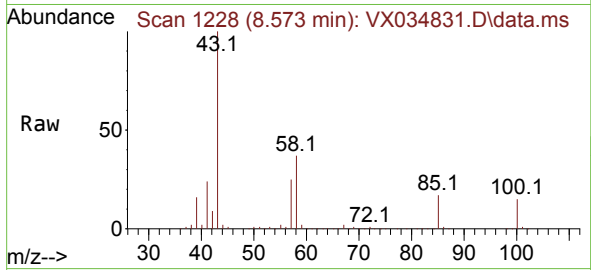




#51
4-Methyl-2-Pentanone
Concen: 172.332 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

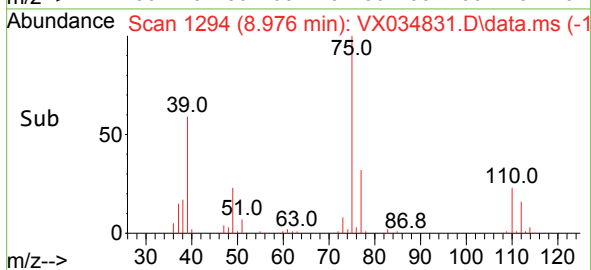
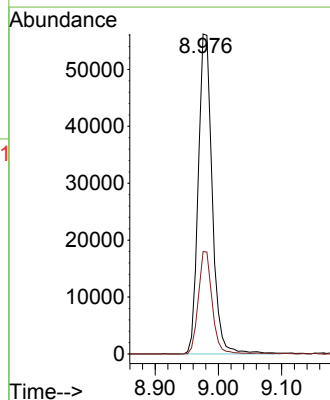
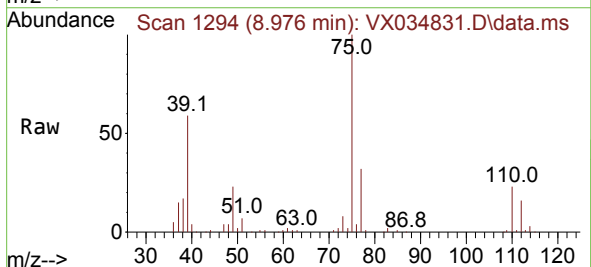
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

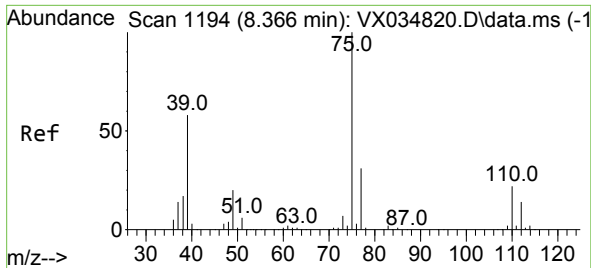
Tgt Ion: 43 Resp: 853759
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0



#53
t-1,3-Dichloropropene
Concen: 17.677 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 75 Resp: 86511
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

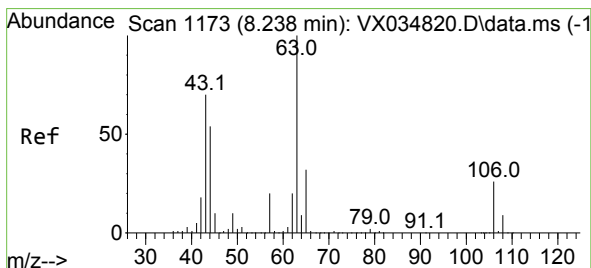
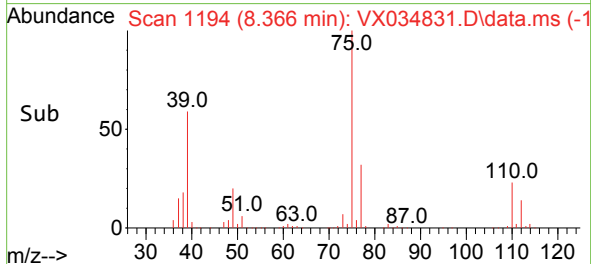
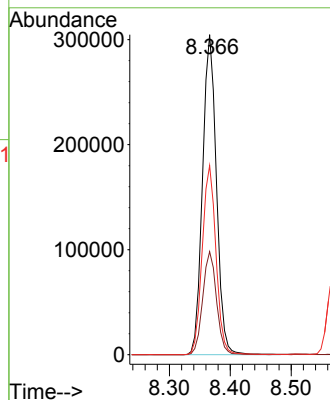
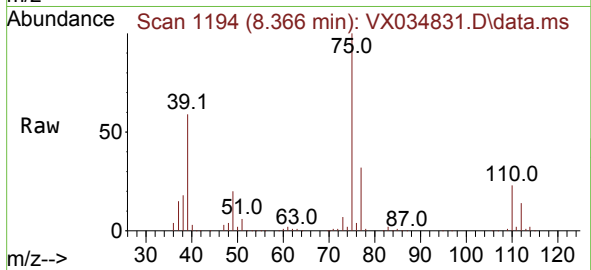




#54
 cis-1,3-Dichloropropene
 Concen: 90.123 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX034831.D
 Acq: 29 Mar 2023 16:22

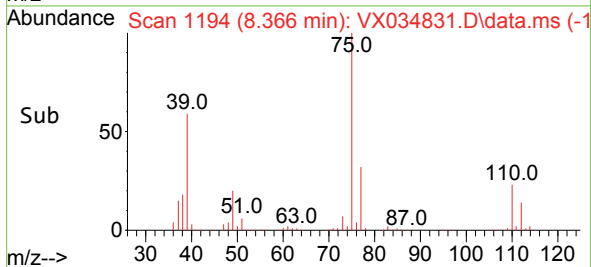
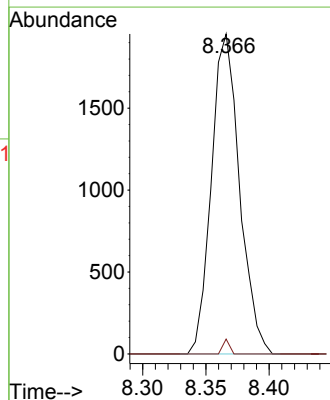
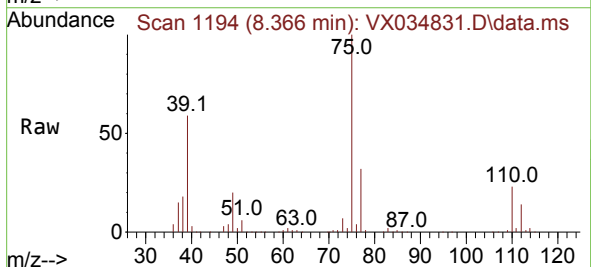
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

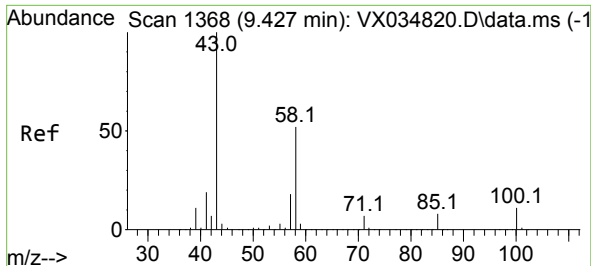
Tgt Ion: 75 Resp: 482669
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4
 39 59.1 44.6 66.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.119 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.128 min
 Lab File: VX034831.D
 Acq: 29 Mar 2023 16:22

Tgt Ion: 63 Resp: 3025
 Ion Ratio Lower Upper
 63 100
 106 1.1 22.2 33.2#





#59

2-Hexanone

Concen: 98.766 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

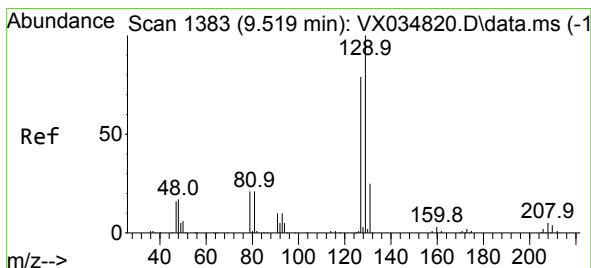
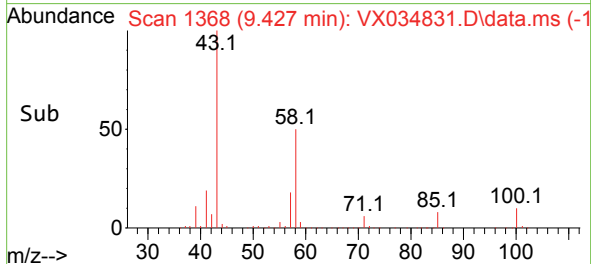
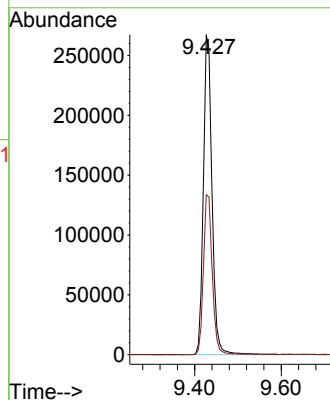
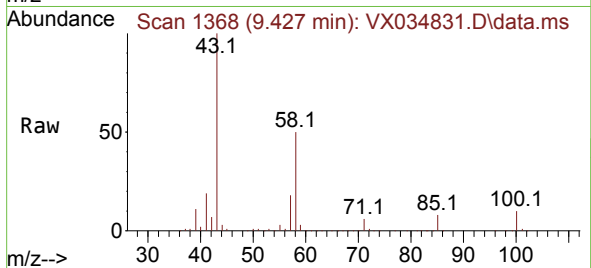
PT-VOA-WP

Tgt Ion: 43 Resp: 370087

Ion Ratio Lower Upper

43 100

58 51.0 26.3 78.9



#60

Dibromochloromethane

Concen: 75.043 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034831.D

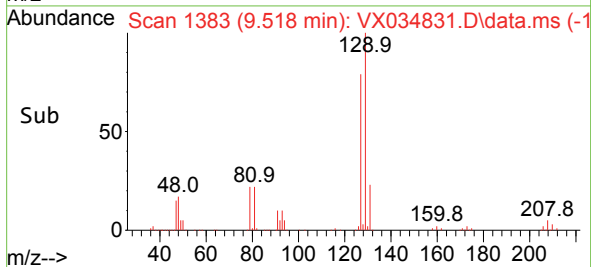
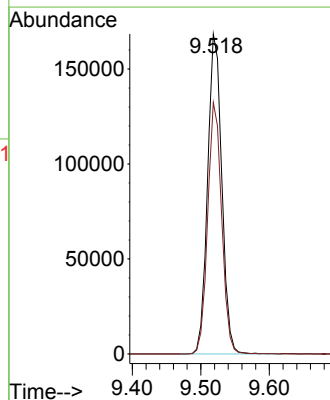
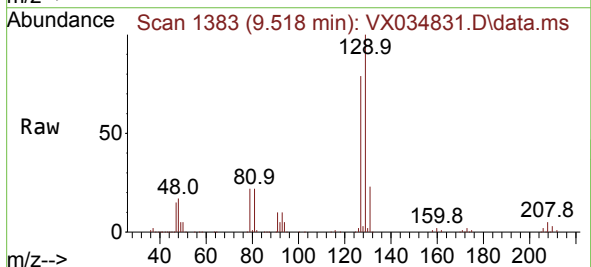
Acq: 29 Mar 2023 16:22

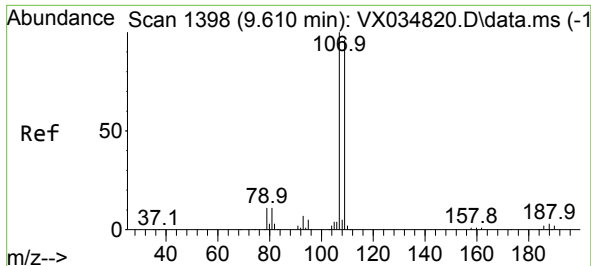
Tgt Ion: 129 Resp: 242319

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0

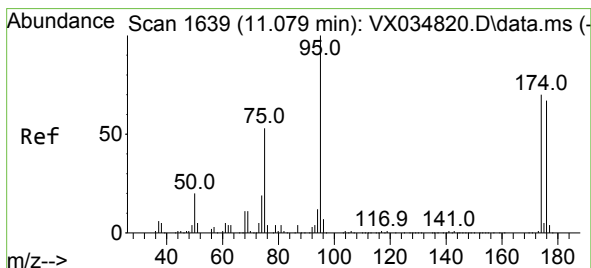
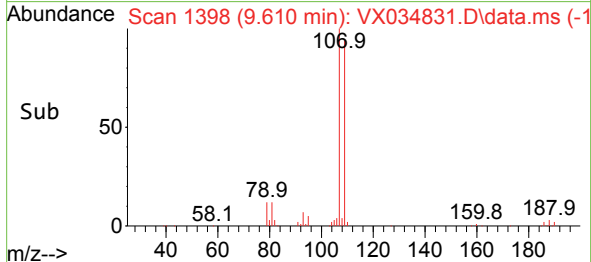
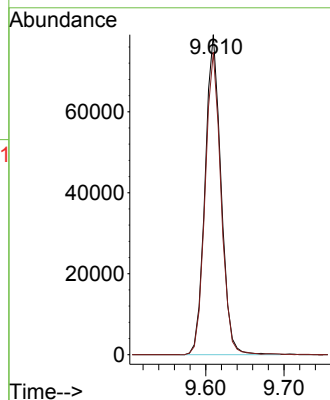
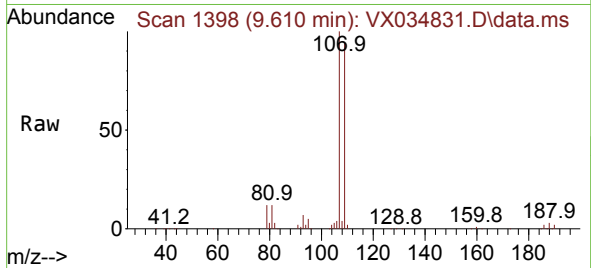




#61
1,2-Dibromoethane
Concen: 31.580 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

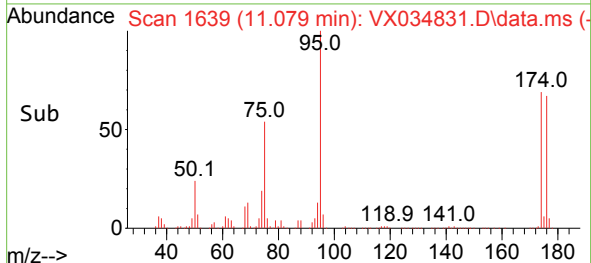
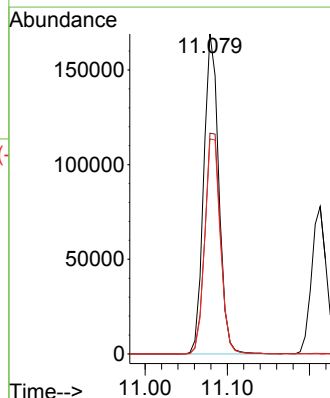
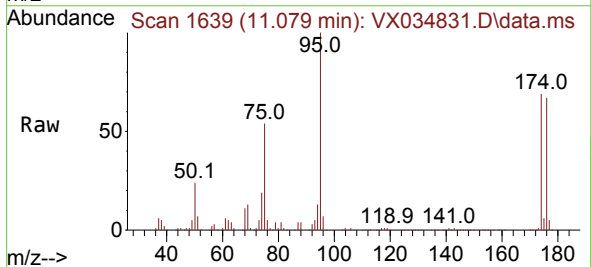
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

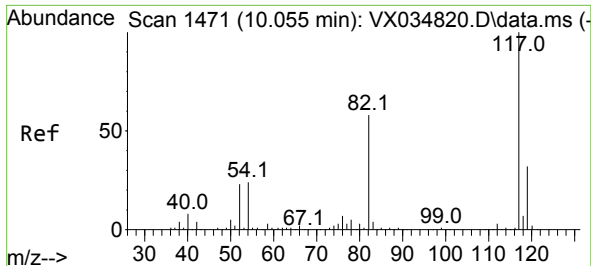
Tgt Ion:107 Resp: 111314
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 46.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 95 Resp: 214729
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 69.7 0.0 140.6

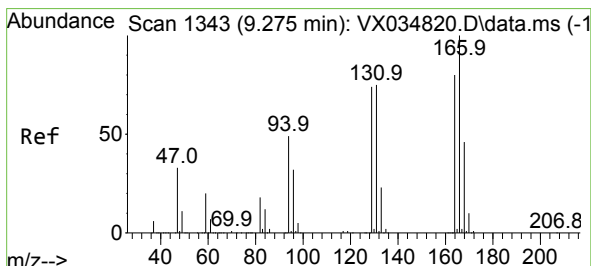
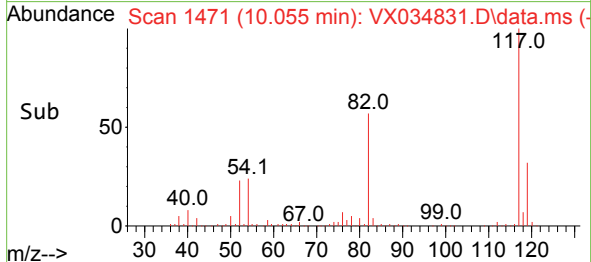
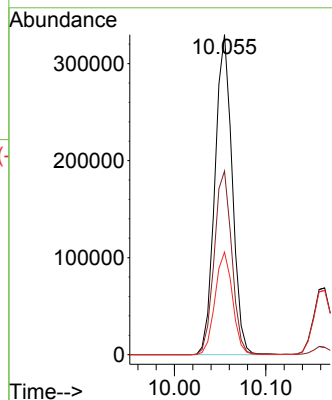
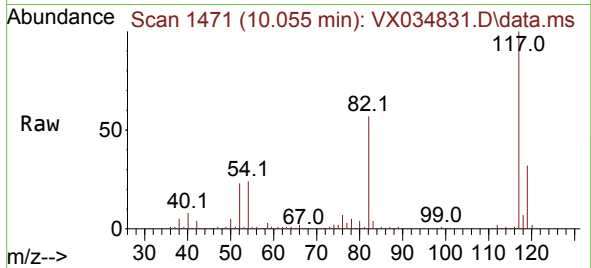




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

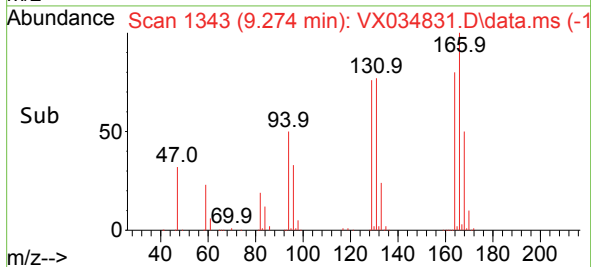
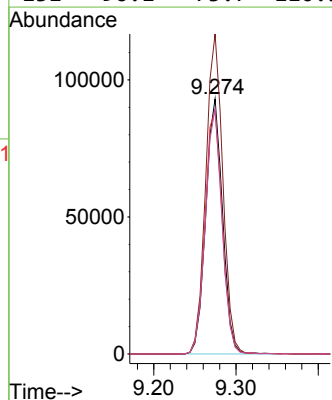
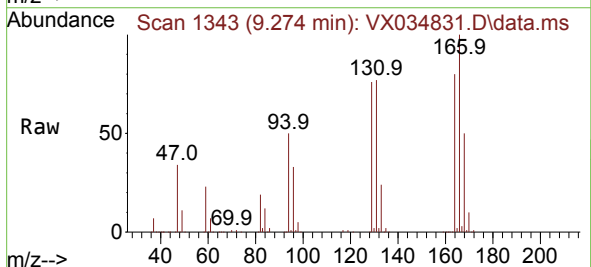
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

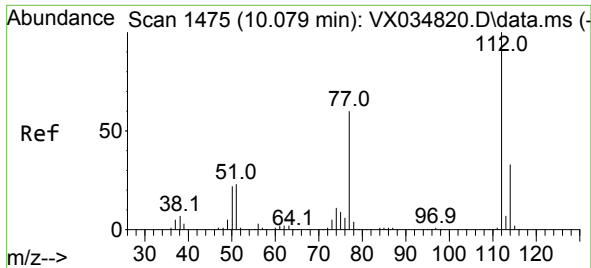
Tgt Ion:117 Resp: 433316
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 42.654 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:164 Resp: 132270
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 95.4 75.6 113.4
131 96.1 73.7 110.5

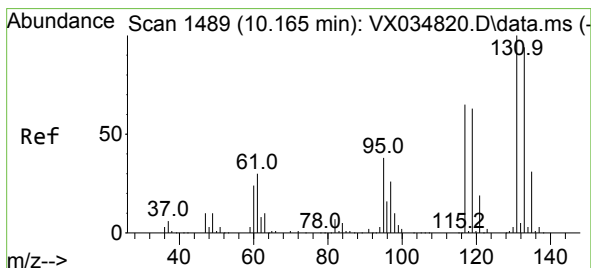
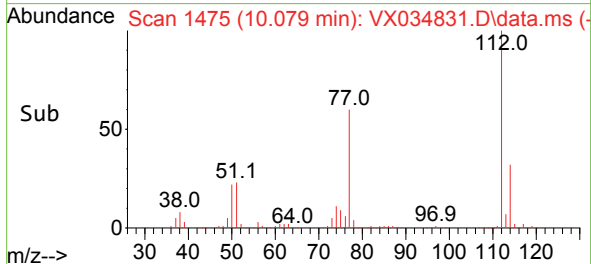
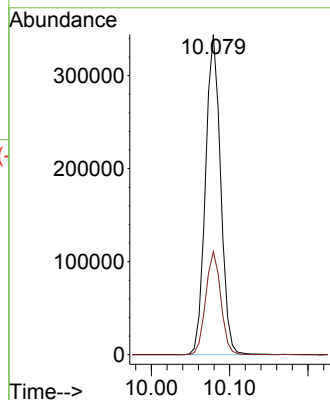
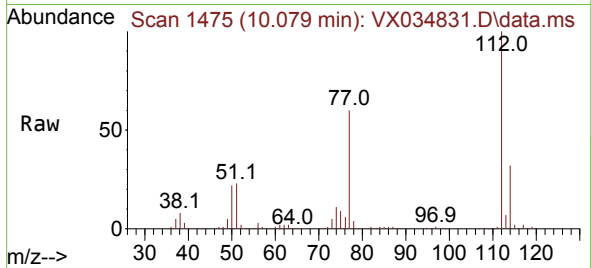




#65
Chlorobenzene
Concen: 51.030 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

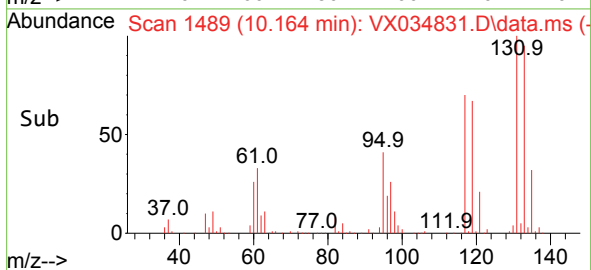
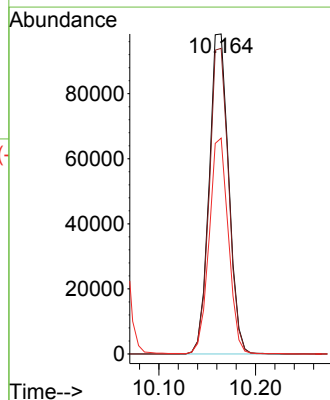
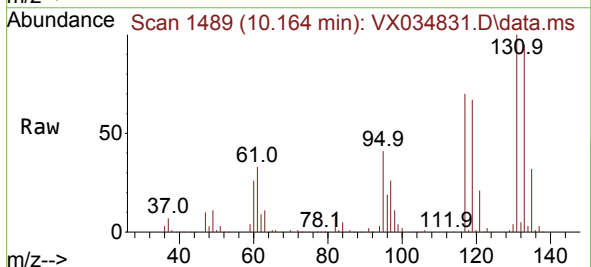
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

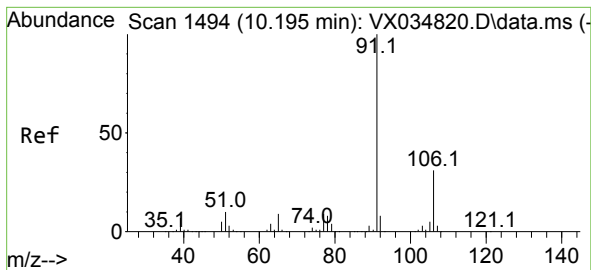
Tgt Ion:112 Resp: 460071
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 44.565 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:131 Resp: 138158
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 66.3 32.6 98.0

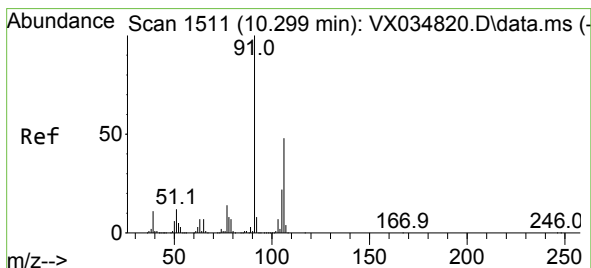
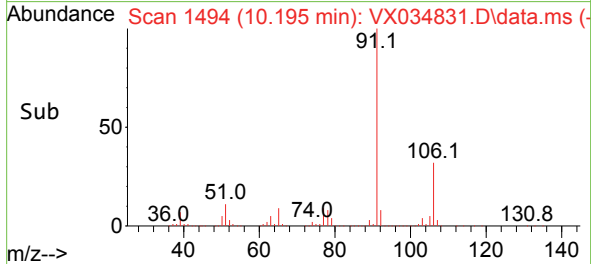
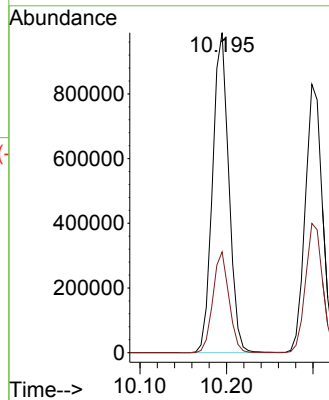
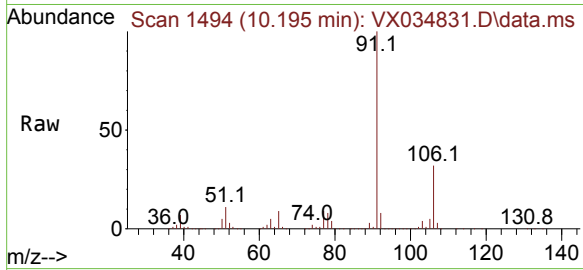




#67
Ethyl Benzene
Concen: 78.941 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

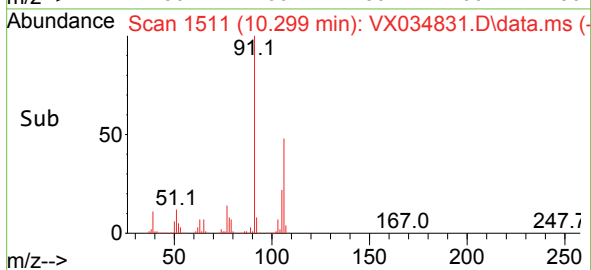
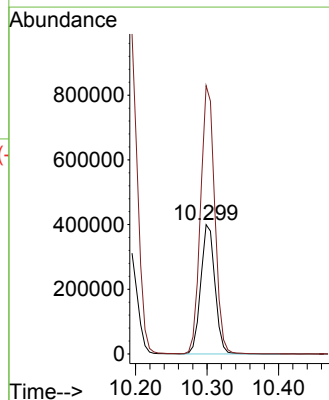
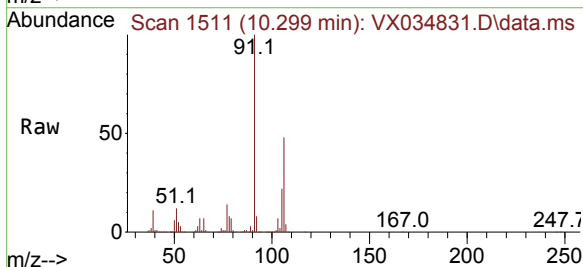
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

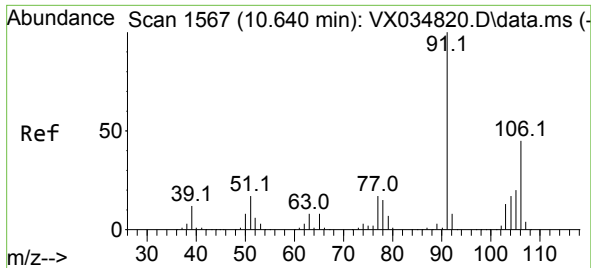
Tgt Ion: 91 Resp: 1289289
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 87.954 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 106 Resp: 548727
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0

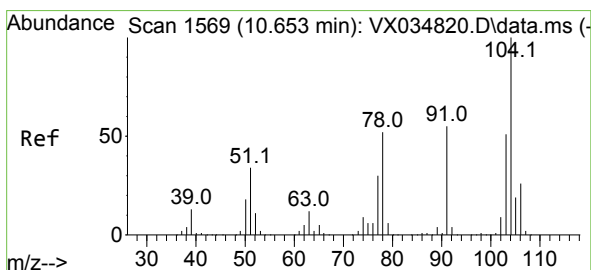
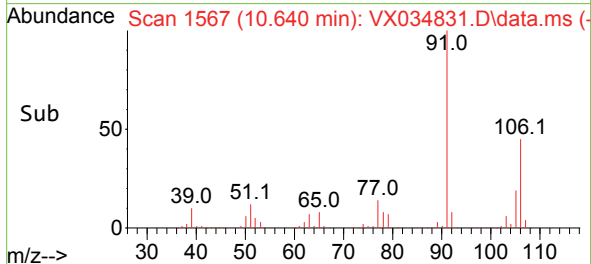
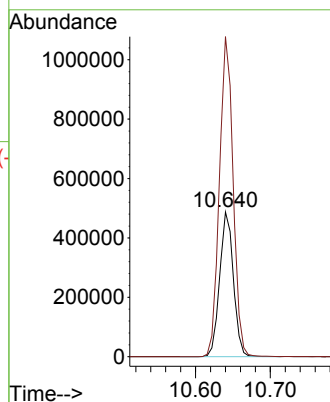
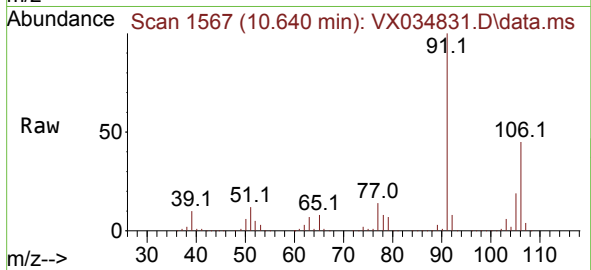




#69
o-Xylene
Concen: 101.684 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

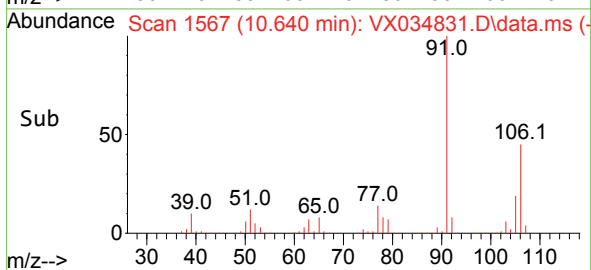
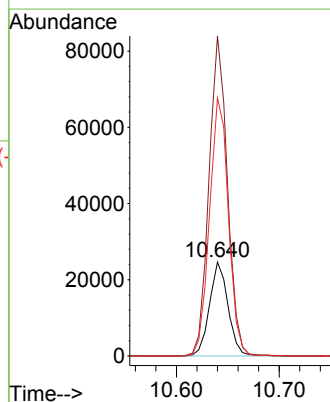
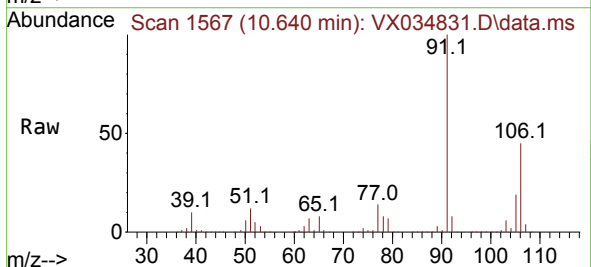
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

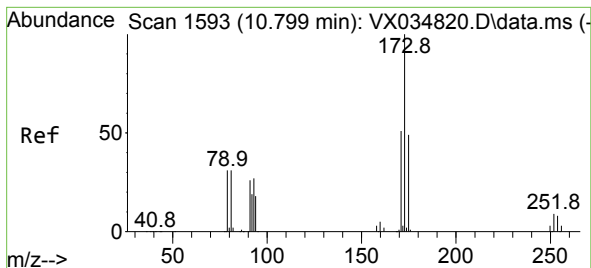
Tgt Ion:106 Resp: 621467
Ion Ratio Lower Upper
106 100
91 221.6 108.5 325.3



#70
Styrene
Concen: 3.168 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.013 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:104 Resp: 30907
Ion Ratio Lower Upper
104 100
78 339.5 43.4 65.2#
103 281.0 44.2 66.2#





#71

Bromoform

Concen: 0.959 ug/l

RT: 10.798 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

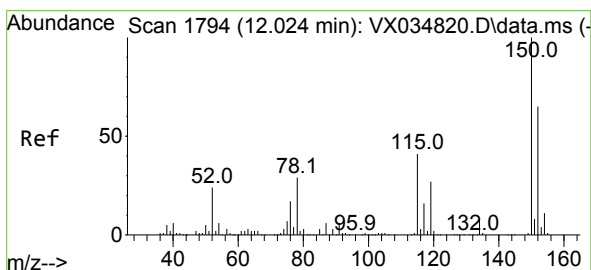
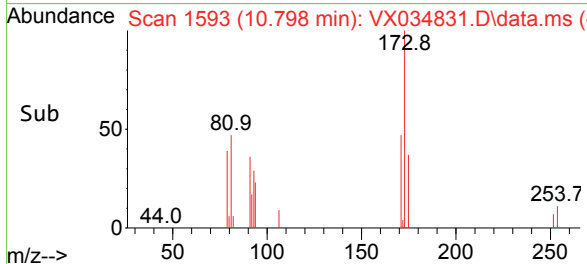
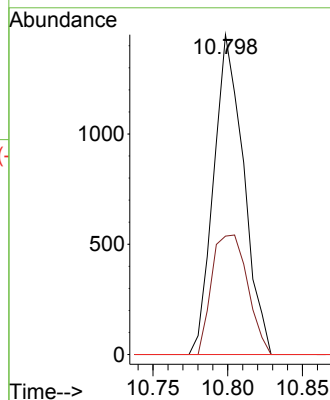
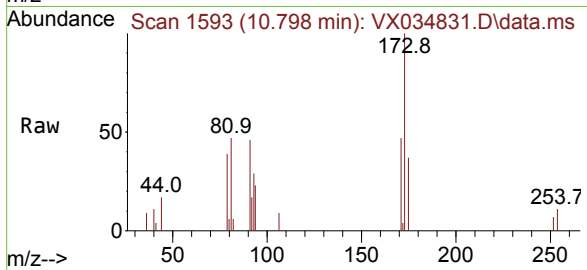
Tgt Ion:173 Resp: 2022

Ion Ratio Lower Upper

173 100

175 44.7 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

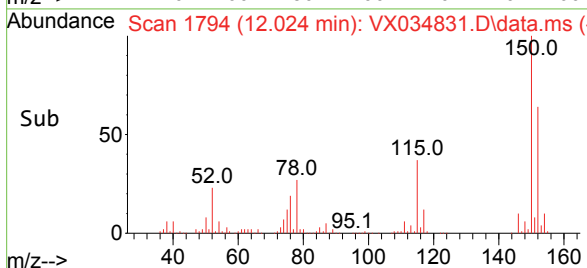
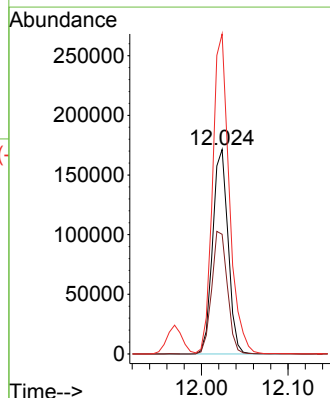
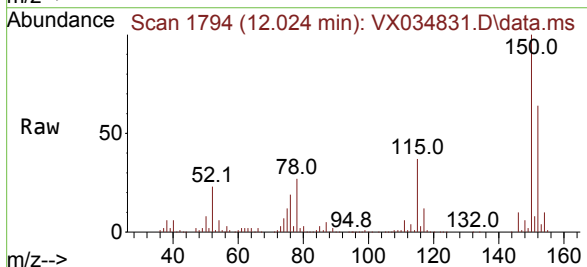
Tgt Ion:152 Resp: 212341

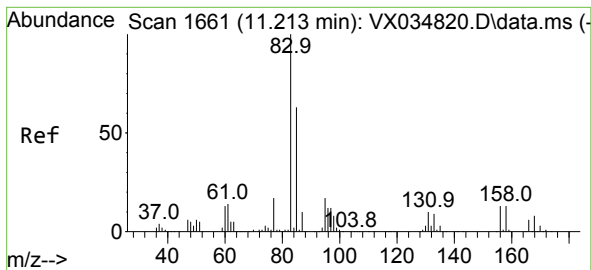
Ion Ratio Lower Upper

152 100

115 60.8 45.0 135.0

150 168.7 0.0 352.4

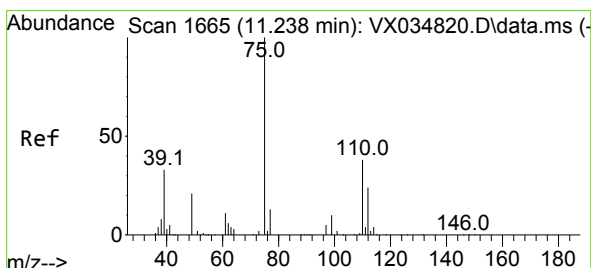
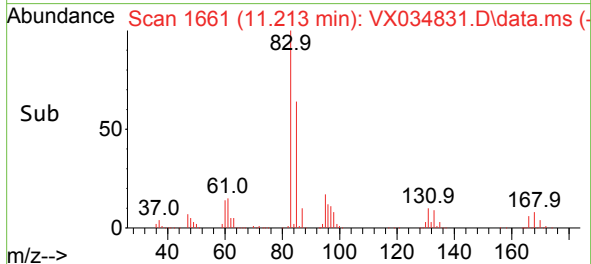
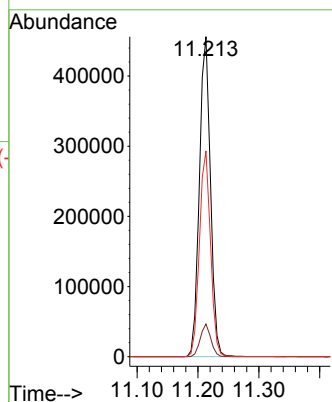
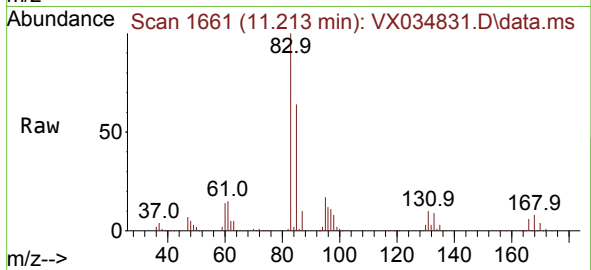




#75
 1,1,2,2-Tetrachloroethane
 Concen: 112.847 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX034831.D
 Acq: 29 Mar 2023 16:22

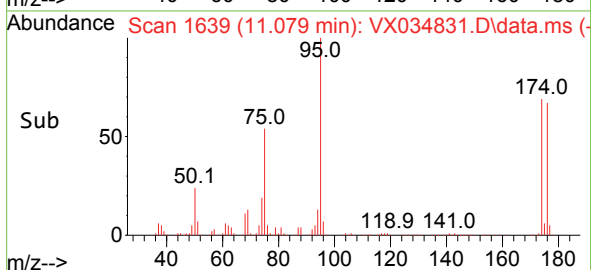
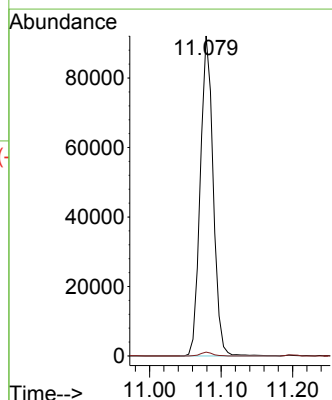
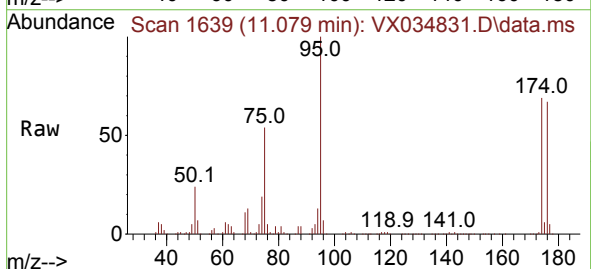
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

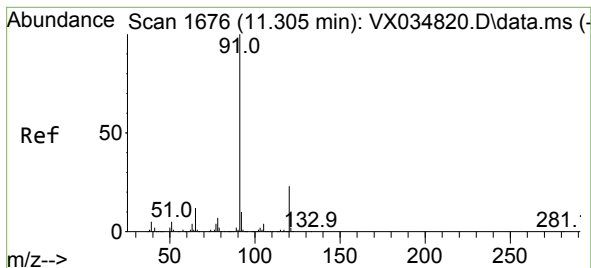
Tgt Ion: 83 Resp: 575271
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.3
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 23.876 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034831.D
 Acq: 29 Mar 2023 16:22

Tgt Ion: 75 Resp: 115376
 Ion Ratio Lower Upper
 75 100
 77 0.0 21.6 64.8#





#78

n-propylbenzene

Concen: 3.335 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.146 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

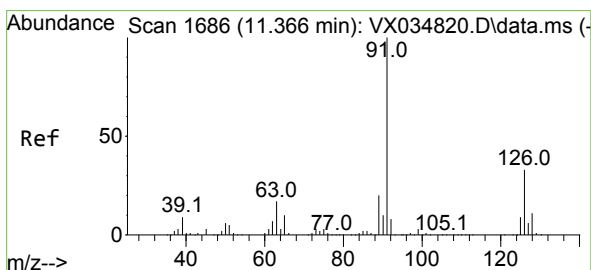
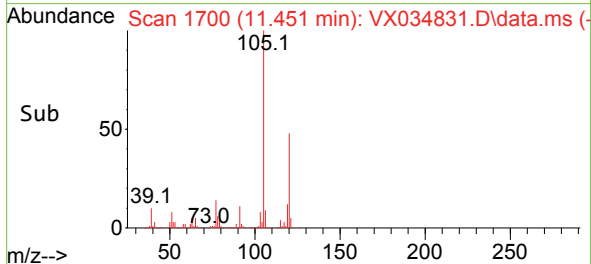
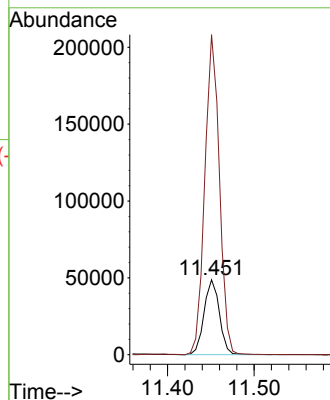
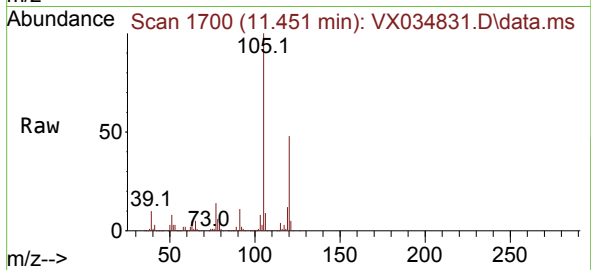
PT-VOA-WP

Tgt Ion: 91 Resp: 59932

Ion Ratio Lower Upper

91 100

120 407.3 11.5 34.5#



#79

2-Chlorotoluene

Concen: 5.283 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.085 min

Lab File: VX034831.D

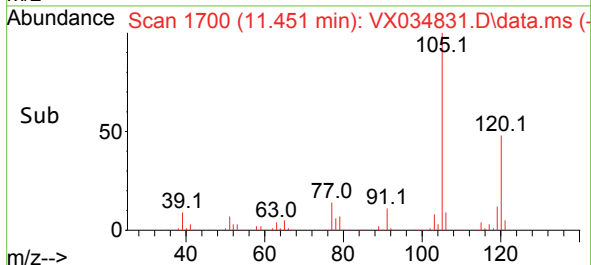
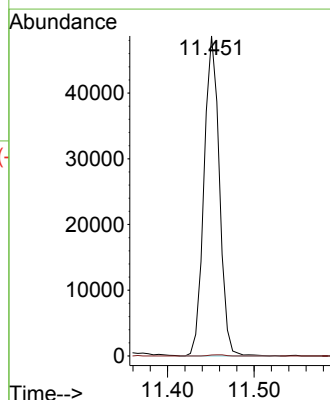
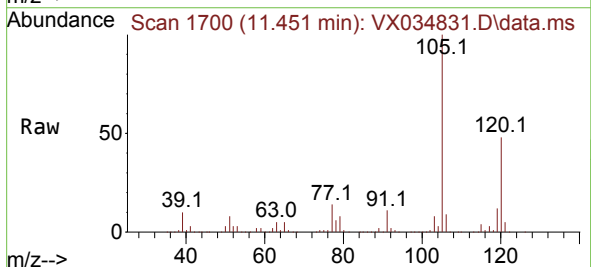
Acq: 29 Mar 2023 16:22

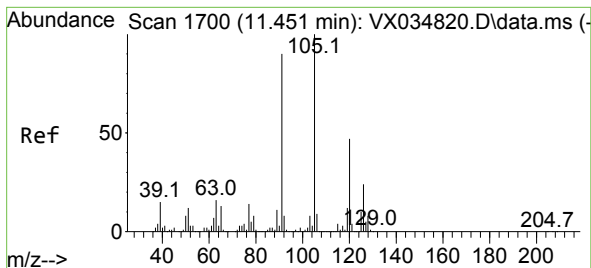
Tgt Ion: 91 Resp: 59932

Ion Ratio Lower Upper

91 100

126 0.4 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 39.204 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

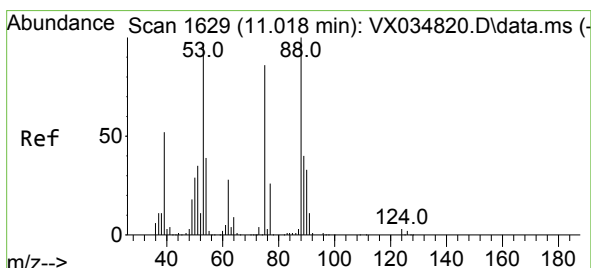
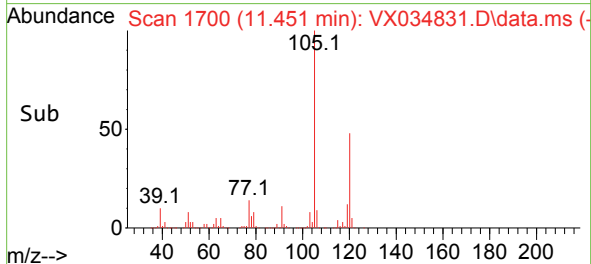
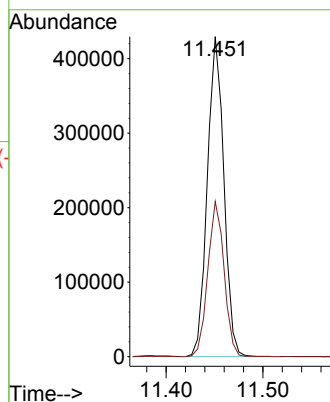
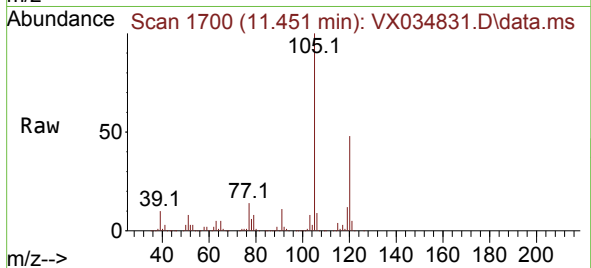
PT-VOA-WP

Tgt Ion:105 Resp: 509847

Ion Ratio Lower Upper

105 100

120 47.9 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 80.816 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

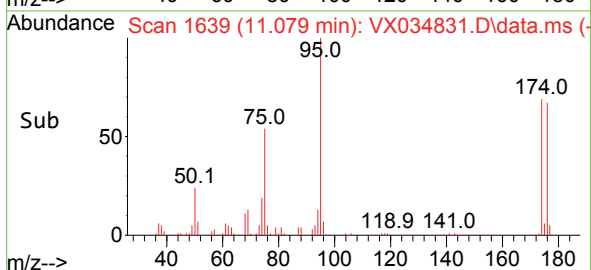
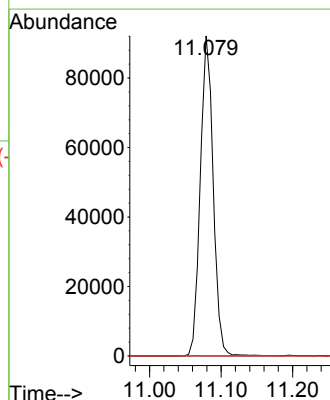
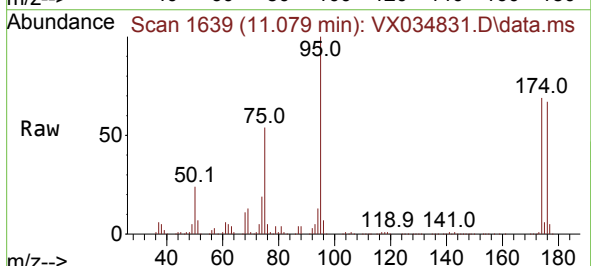
Tgt Ion: 75 Resp: 115376

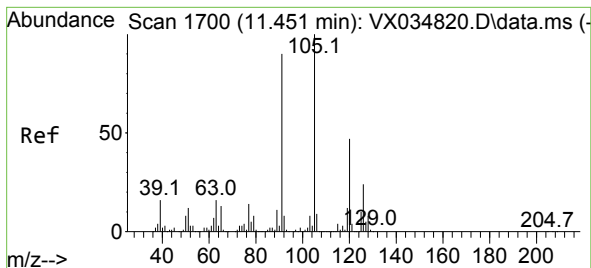
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

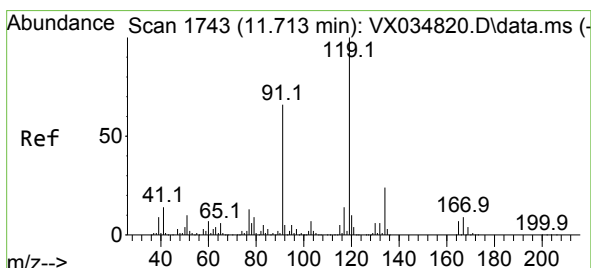
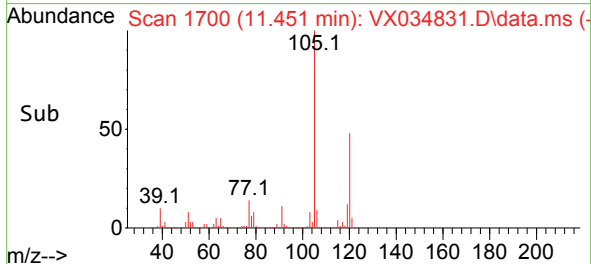
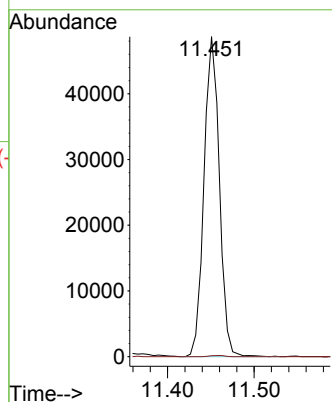
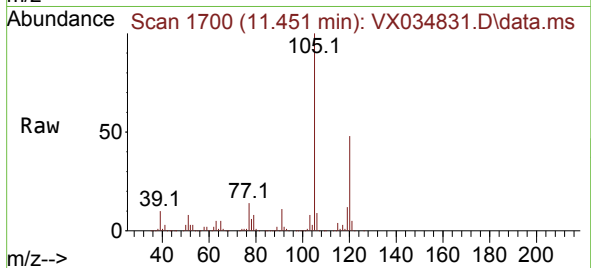




#82
4-Chlorotoluene
Concen: 4.549 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

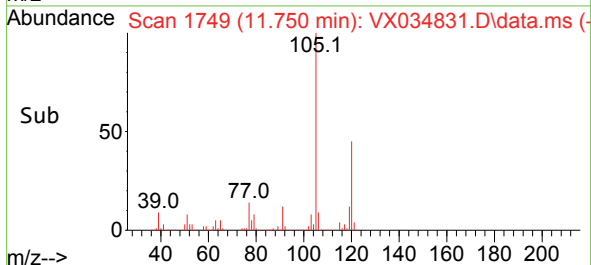
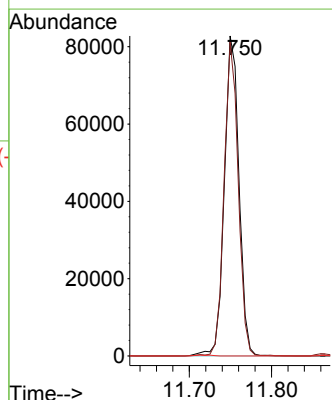
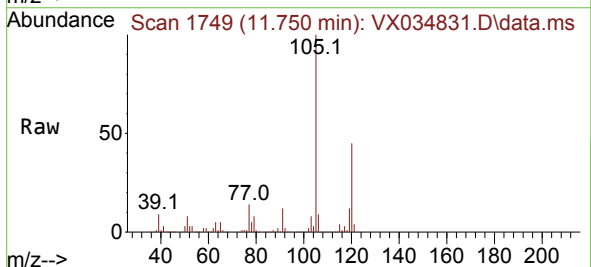
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

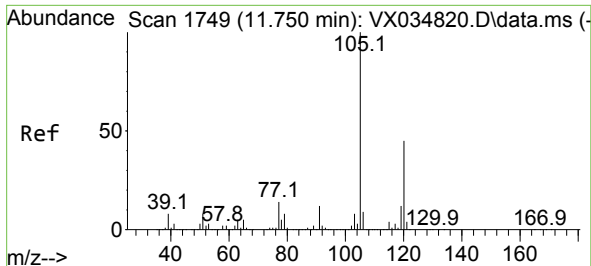
Tgt Ion: 91 Resp: 59932
Ion Ratio Lower Upper
91 100
126 0.4 14.2 42.6#



#83
tert-Butylbenzene
Concen: 8.379 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.036 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 119 Resp: 102329
Ion Ratio Lower Upper
119 100
91 94.8 30.6 92.0#
134 0.0 11.8 35.4#

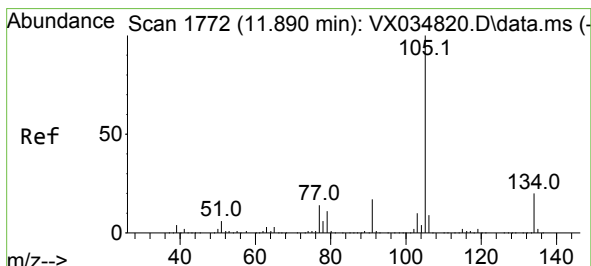
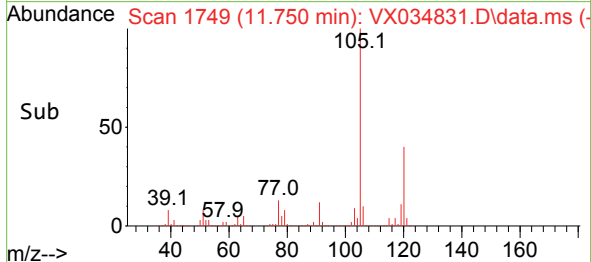
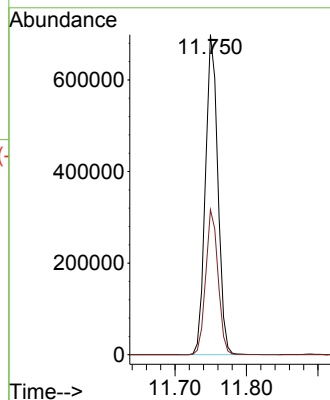
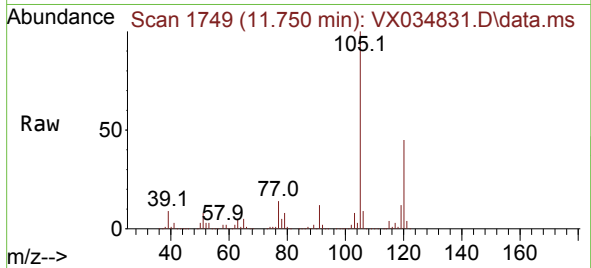




#84
1,2,4-Trimethylbenzene
Concen: 63.840 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

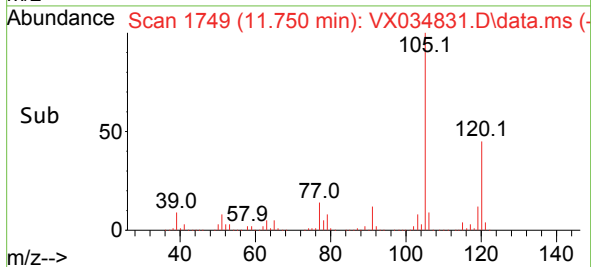
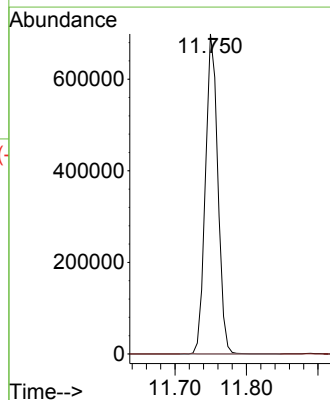
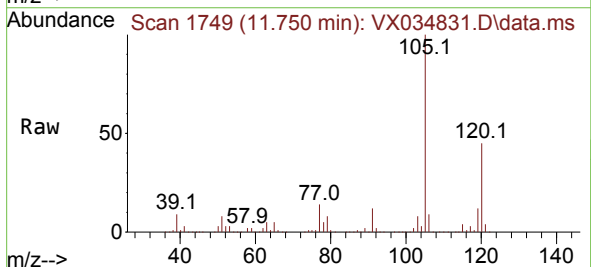
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

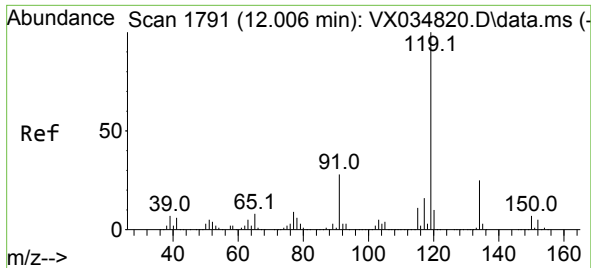
Tgt Ion:105 Resp: 844296
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0



#85
sec-Butylbenzene
Concen: 56.829 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.141 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:105 Resp: 844296
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

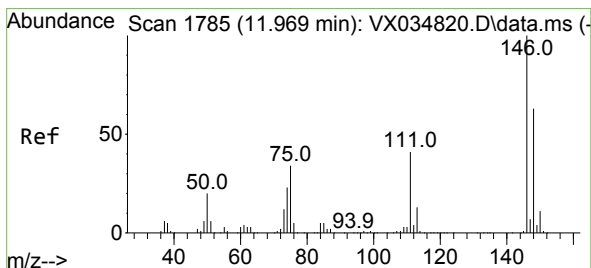
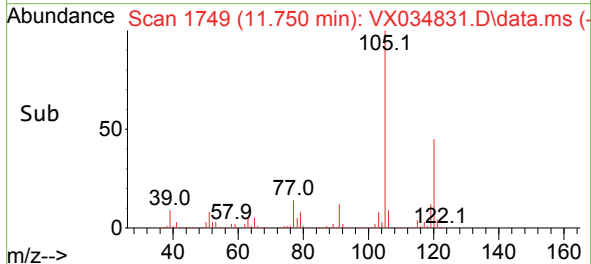
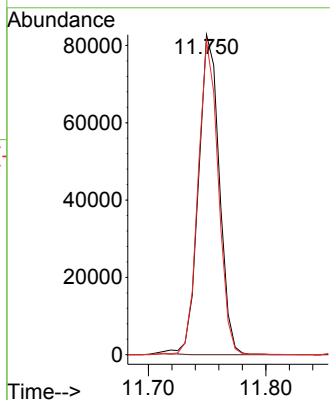
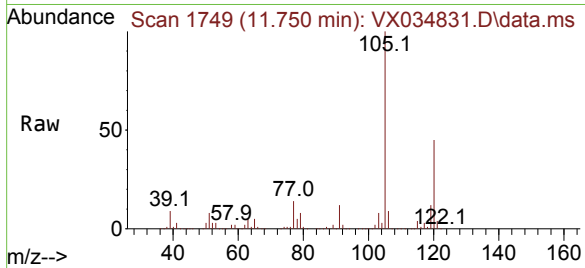




#86
p-Isopropyltoluene
Concen: 8.151 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

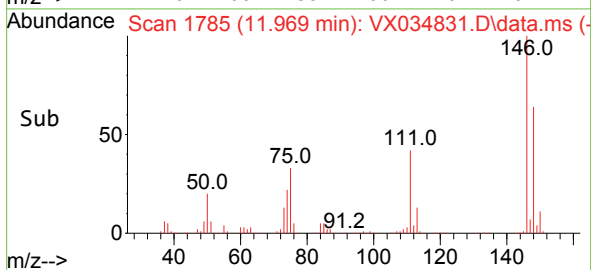
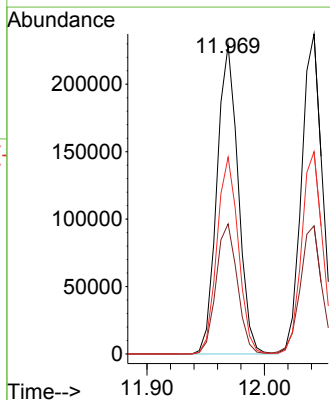
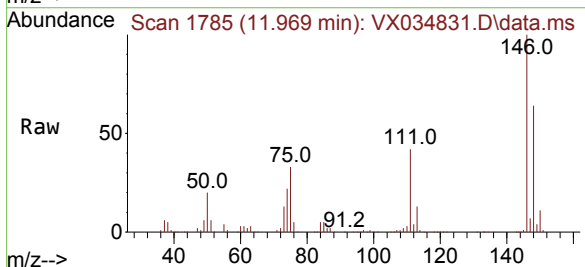
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

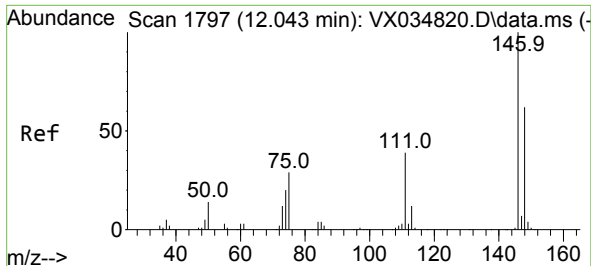
Tgt Ion:119 Resp: 100975
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 95.7 12.9 38.7#



#87
1,3-Dichlorobenzene
Concen: 41.057 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:146 Resp: 288168
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 64.0 31.6 95.0

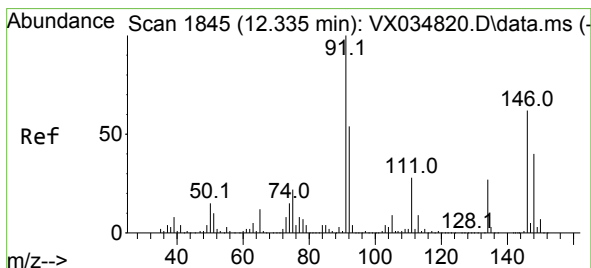
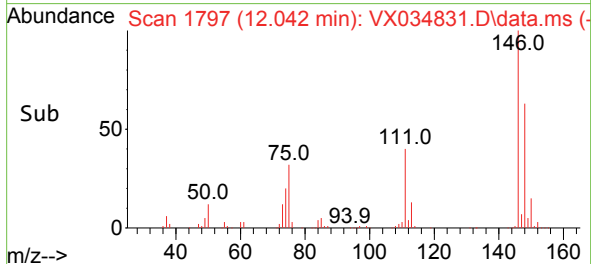
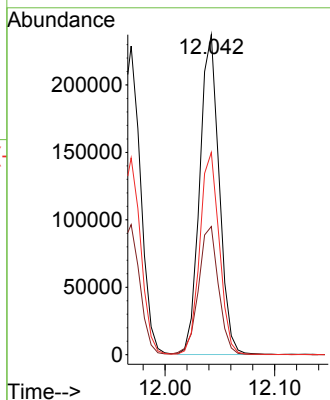
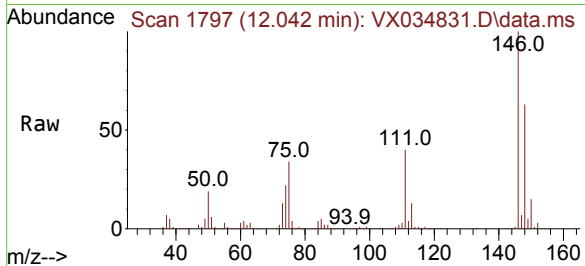




#88
1,4-Dichlorobenzene
Concen: 39.840 ug/l
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

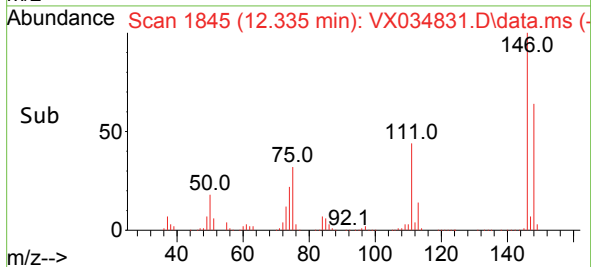
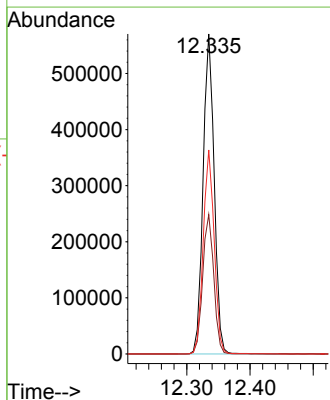
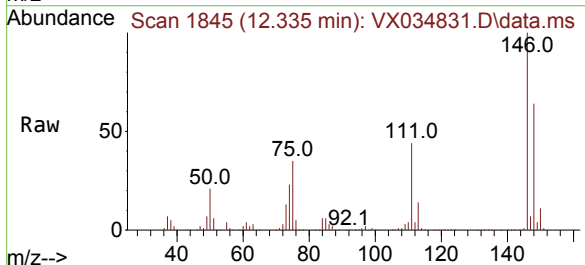
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

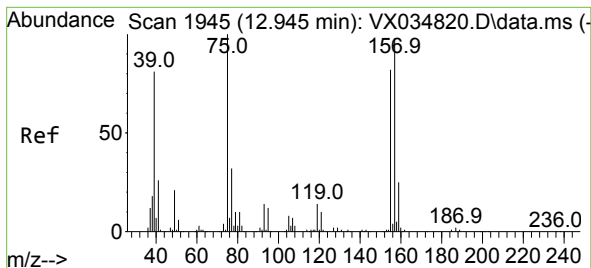
Tgt Ion:146 Resp: 292052
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 63.7 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 98.921 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:146 Resp: 695355
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 63.4 32.0 96.0

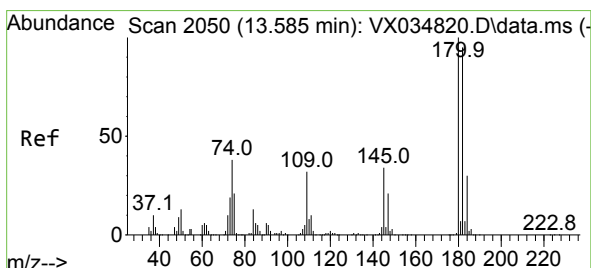
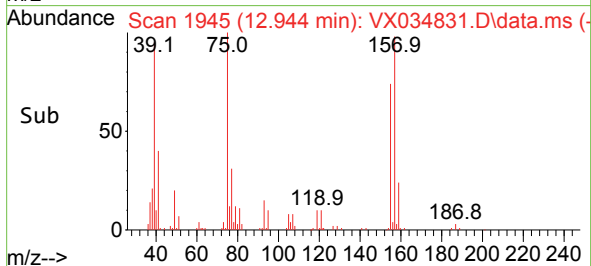
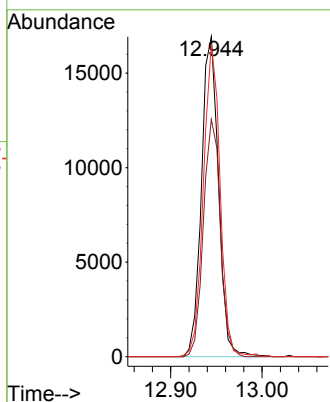
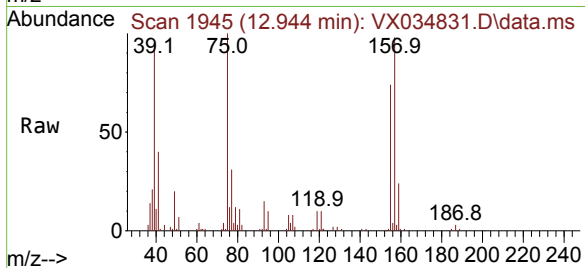




#92
1,2-Dibromo-3-Chloropropane
Concen: 20.584 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

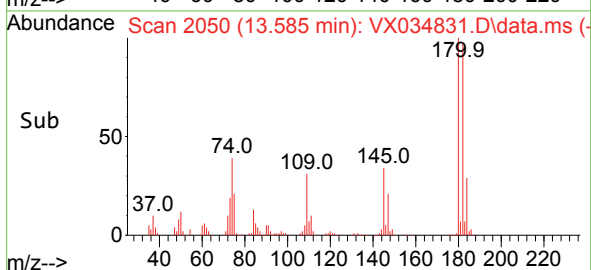
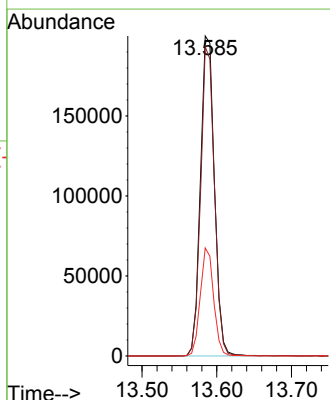
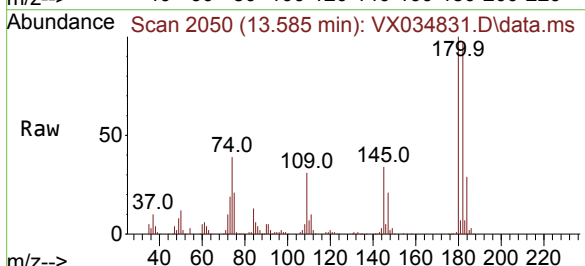
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

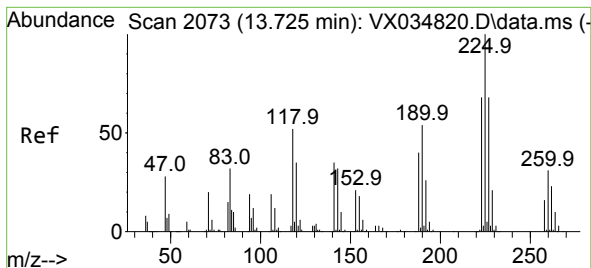
Tgt Ion: 75 Resp: 21903
Ion Ratio Lower Upper
75 100
155 73.2 38.4 115.1
157 95.6 49.9 149.7



#93
1,2,4-Trichlorobenzene
Concen: 65.330 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034831.D
Acq: 29 Mar 2023 16:22

Tgt Ion:180 Resp: 259736
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 32.4 15.9 47.7





#94

Hexachlorobutadiene

Concen: 0.532 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

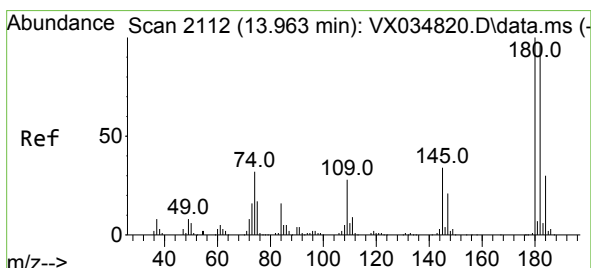
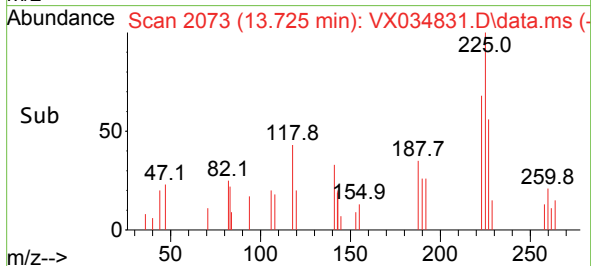
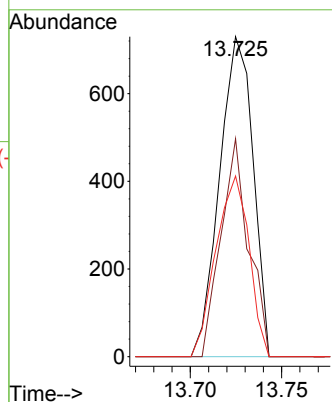
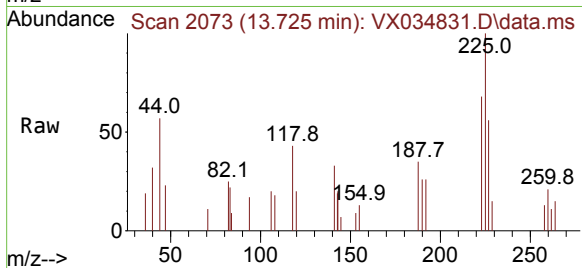
Tgt Ion:225 Resp: 931

Ion Ratio Lower Upper

225 100

223 56.5 32.1 96.5

227 55.9 31.8 95.4



#96

1,2,3-Trichlorobenzene

Concen: 0.396 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034831.D

Acq: 29 Mar 2023 16:22

Tgt Ion:180 Resp: 1586

Ion Ratio Lower Upper

180 100

182 86.3 48.0 144.2

145 31.7 17.7 53.1

