

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040224\
 Data File : VX040856.D
 Acq On : 02 Apr 2024 11:39
 Operator : JC/MD
 Sample : P1908-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Apr 03 01:00:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	52776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	90098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43828	46.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.560%
35) Dibromofluoromethane	5.379	113	29790	46.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	107110	46.449	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.079	95	41494	45.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	40639	65.761	ug/l	100
5) Bromomethane	1.611	94	22690	57.817	ug/l	99
10) Methyl Iodide	2.453	142	7054	9.237	ug/l	99
11) Tert butyl alcohol	2.946	59	49	0.283	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	15337	25.976	ug/l	96
14) Allyl chloride	2.788	41	705	0.667	ug/l #	24
16) Acetone	2.373	43	64440	175.256	ug/l	97
20) Methylene Chloride	2.788	84	23719	34.809	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	22644	36.310	ug/l	98
25) 2-Butanone	4.550	43	36746	67.275	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	33912	47.091	ug/l	89
28) Bromochloromethane	5.086	49	7601	14.375	ug/l #	16
30) Chloroform	5.086	83	86515	67.590	ug/l	100
31) Cyclohexane	5.550	56	1318	1.312	ug/l #	22
36) 1,1-Dichloropropene	5.543	75	5013	5.528	ug/l #	50
37) Ethyl Acetate	4.550	43	36746	33.002	ug/l #	69
38) Carbon Tetrachloride	5.543	117	6158	6.135	ug/l #	16
40) Benzene	6.037	78	37703	14.981	ug/l	97
41) Methacrylonitrile	5.074	41	116	0.203	ug/l #	25
42) 1,2-Dichloroethane	6.086	62	128535	117.590	ug/l	98
44) Trichloroethene	7.122	130	17311	27.541	ug/l	87
45) 1,2-Dichloropropane	7.427	63	21952	36.538	ug/l	95
46) Dibromomethane	7.824	93	1081	2.195	ug/l #	7
47) Bromodichloromethane	7.817	83	31350	30.599	ug/l	98
48) Methyl methacrylate	7.427	41	15391	18.278	ug/l #	38
51) 4-Methyl-2-Pentanone	8.647	43	547	0.480	ug/l #	1
53) t-1,3-Dichloropropene	8.976	75	23162	22.598	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	108396	106.700	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	21100	34.048	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.250	63	158	0.306	ug/l #	47
59) 2-Hexanone	9.427	43	101780	111.264	ug/l	95
60) Dibromochloromethane	9.518	129	67805	91.651	ug/l	98
61) 1,2-Dibromoethane	9.610	107	12575	18.808	ug/l	100
64) Tetrachloroethene	9.274	164	54758	99.433	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	56671	93.810	ug/l	99
67) Ethyl Benzene	10.195	91	159992	49.294	ug/l	98

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

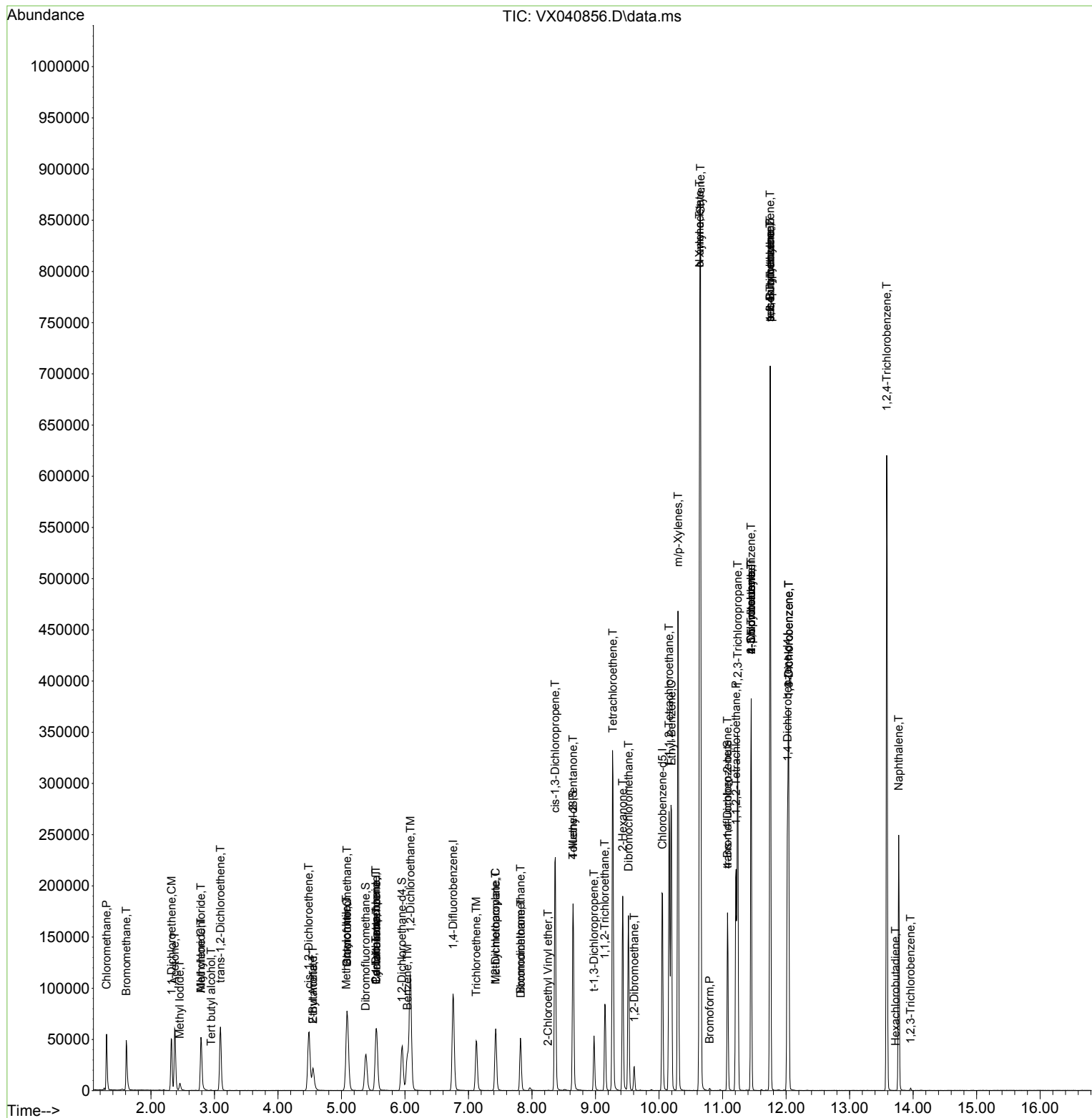
68) m/p-Xylenes	10.299	106	95746	81.077	ug/l	92
69) o-Xylene	10.640	106	114949	103.321	ug/l	92
70) Styrene	10.652	104	218993	113.593	ug/l	97
71) Bromoform	10.799	173	715	1.858	ug/l #	99
74) N-amyl acetate	10.640	43	348	0.230	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.213	83	82631	80.807	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101126	110.753	ug/l	90
78) n-propylbenzene	11.451	91	18443	4.935	ug/l #	1
79) 2-Chlorotoluene	11.451	91	18443	8.269	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	151209	59.200	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	25006	73.890	ug/l #	5
82) 4-Chlorotoluene	11.451	91	18443	6.926	ug/l #	46
83) tert-Butylbenzene	11.750	119	32564	12.851	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.750	105	286937	111.515	ug/l	100
85) sec-Butylbenzene	11.750	105	286937	89.161	ug/l #	57
86) p-Isopropyltoluene	11.750	119	32411	12.008	ug/l #	1
87) 1,3-Dichlorobenzene	12.042	146	99577	70.222	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	99577	66.180	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	127887	132.743	ug/l	97
94) Hexachlorobutadiene	13.725	225	87	0.236	ug/l #	32
95) Naphthalene	13.774	128	136936	44.143	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	603	0.656	ug/l	93

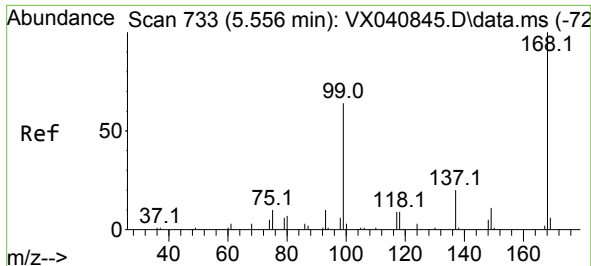
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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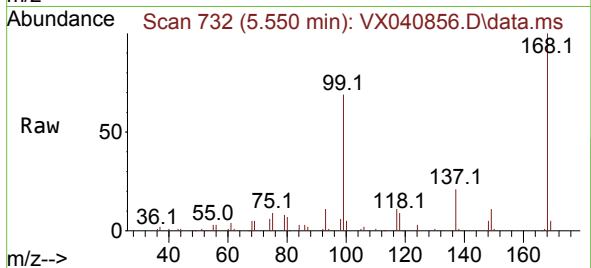
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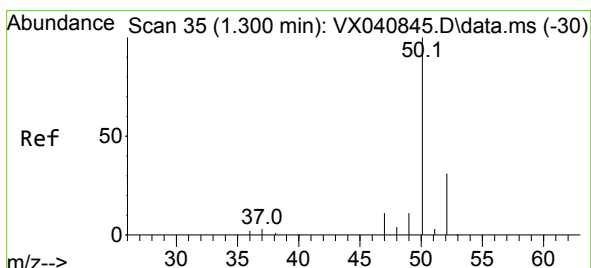
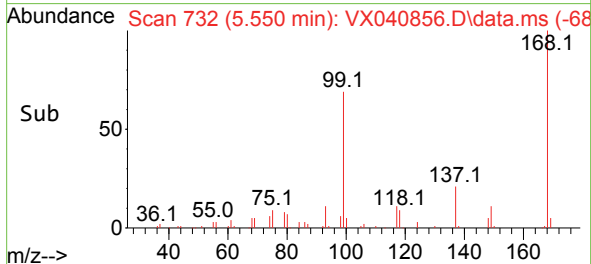
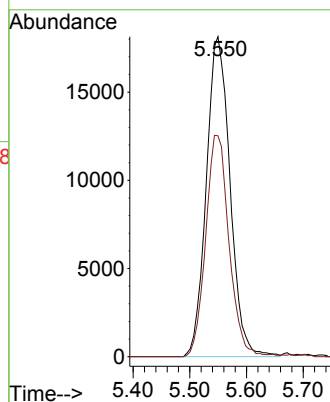


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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ClientSampleId :
PT-VOA-WP

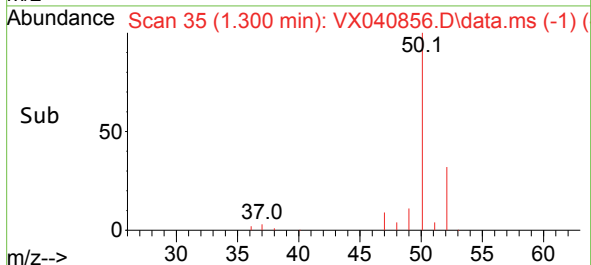
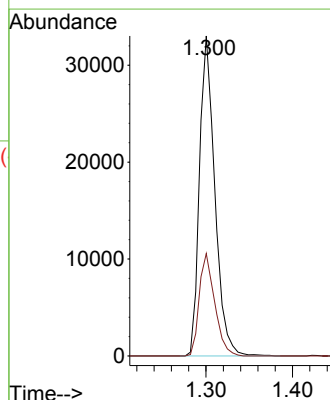
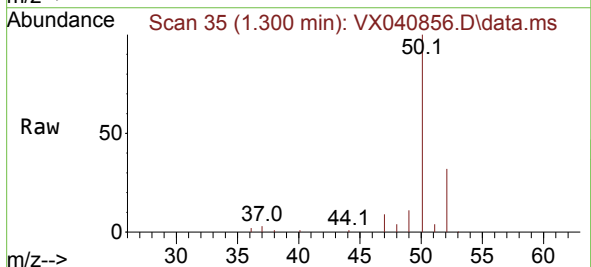


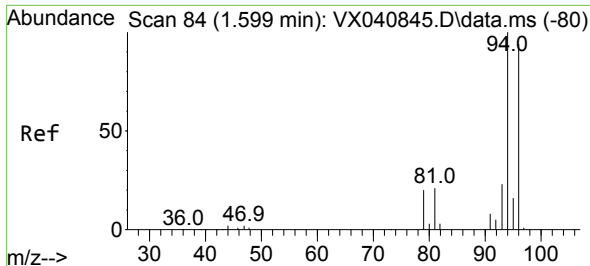
Tgt Ion:168 Resp: 52776
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0



#3
Chloromethane
Concen: 65.761 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 50 Resp: 40639
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

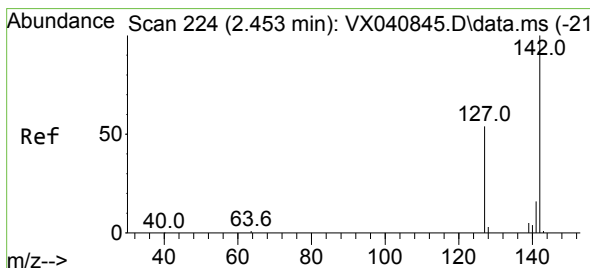
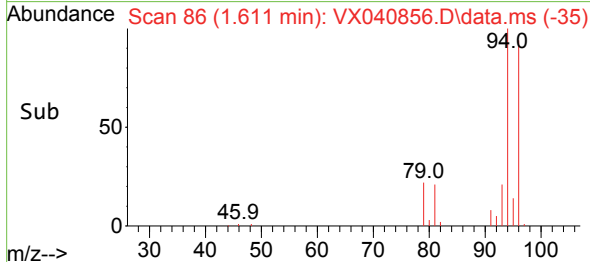
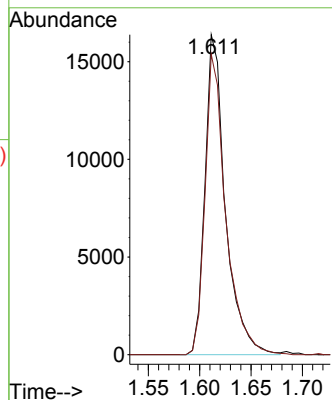
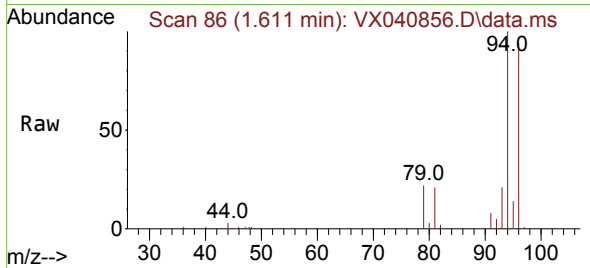




#5
Bromomethane
Concen: 57.817 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

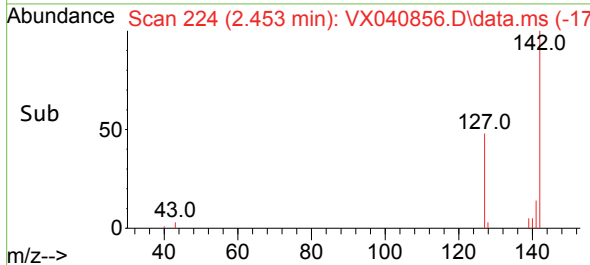
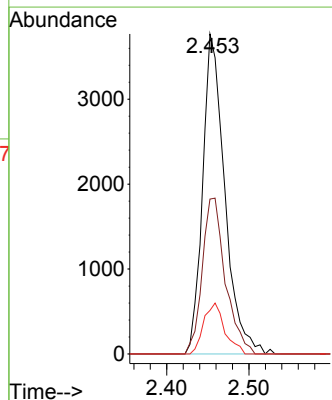
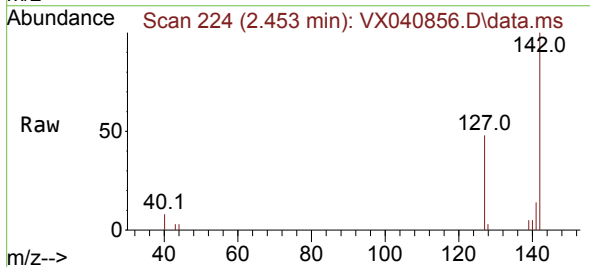
Instrument :
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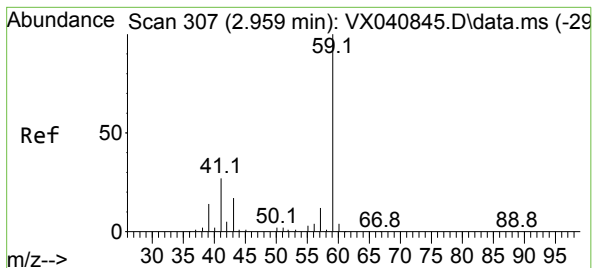
Tgt Ion: 94 Resp: 22690
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8



#10
Methyl Iodide
Concen: 9.237 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 142 Resp: 7054
Ion Ratio Lower Upper
142 100
127 51.0 41.6 62.4
141 15.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 0.283 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

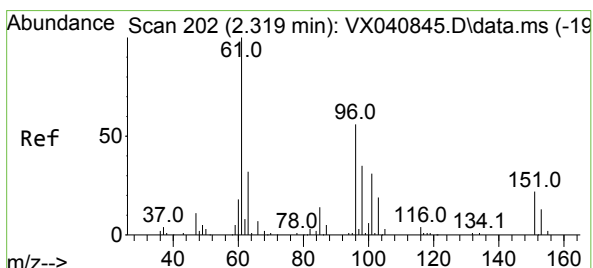
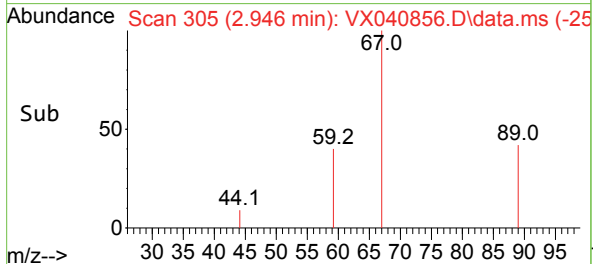
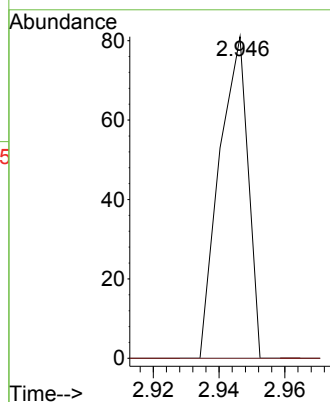
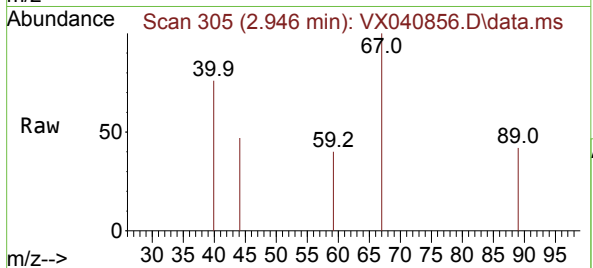
PT-VOA-WP

Tgt Ion: 59 Resp: 49

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 25.976 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

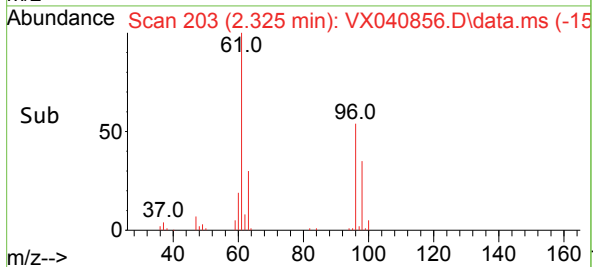
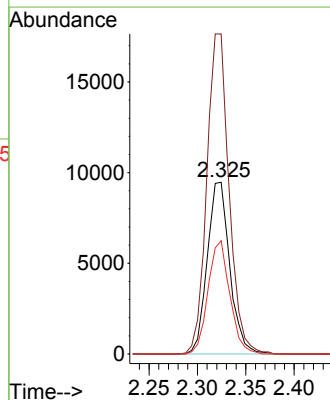
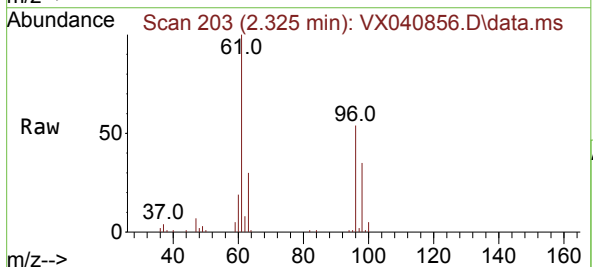
Tgt Ion: 96 Resp: 15337

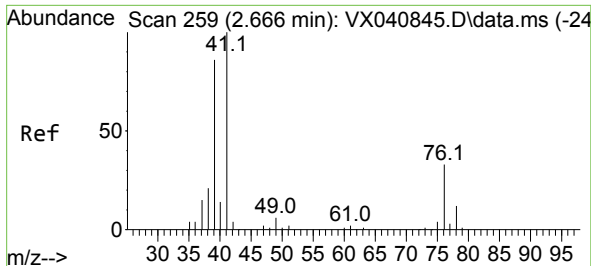
Ion Ratio Lower Upper

96 100

61 186.3 144.6 216.8

98 65.9 50.4 75.6

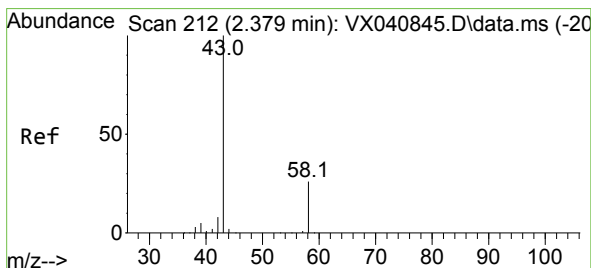
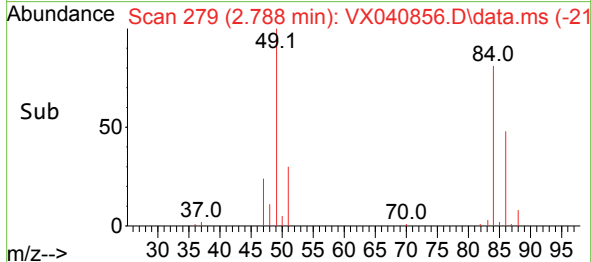
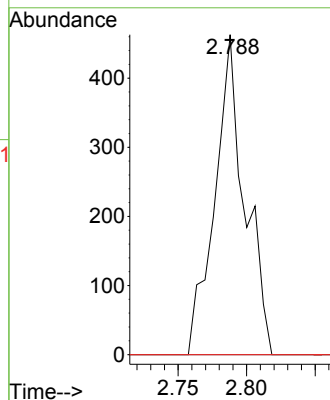
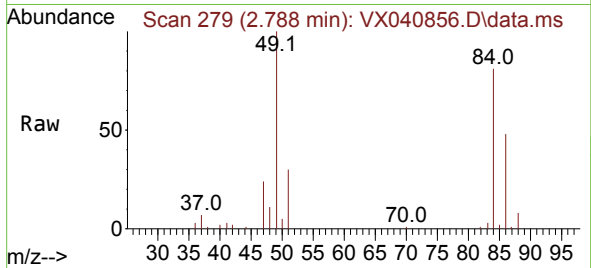




#14
 Allyl chloride
 Concen: 0.667 ug/l
 RT: 2.788 min Scan# 211
 Delta R.T. 0.122 min
 Lab File: VX040856.D
 Acq: 02 Apr 2024 11:39

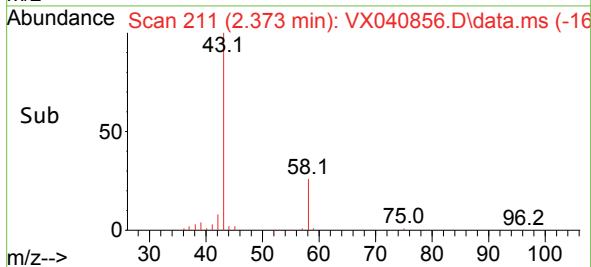
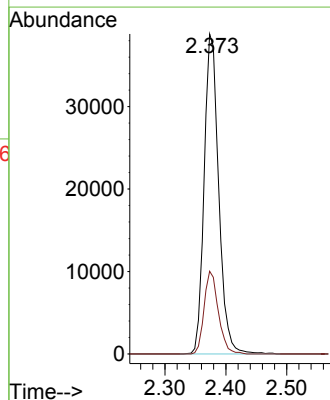
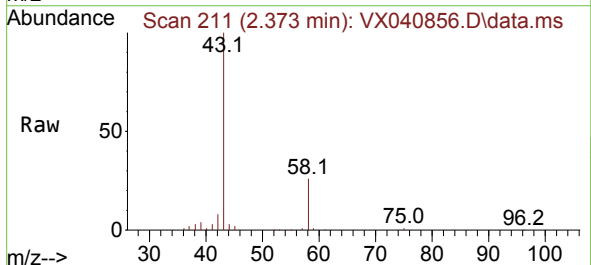
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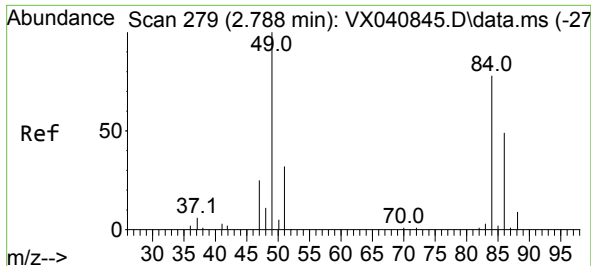
Tgt Ion: 41 Resp: 705
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 175.256 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX040856.D
 Acq: 02 Apr 2024 11:39

Tgt Ion: 43 Resp: 64440
 Ion Ratio Lower Upper
 43 100
 58 25.8 21.9 32.9

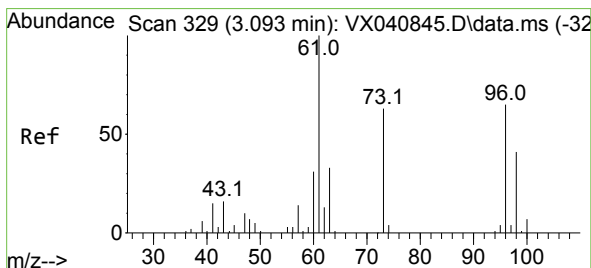
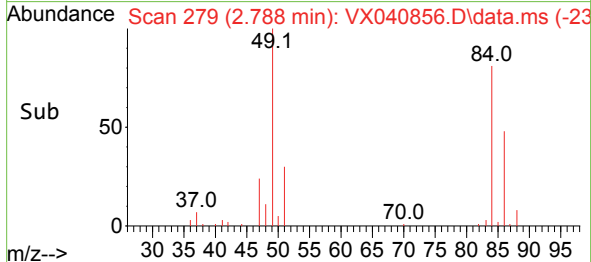
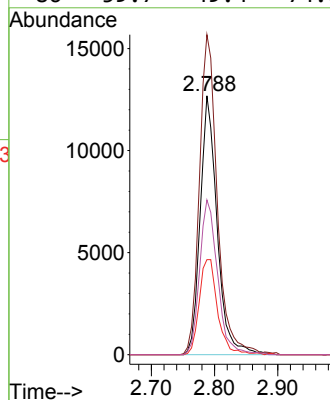
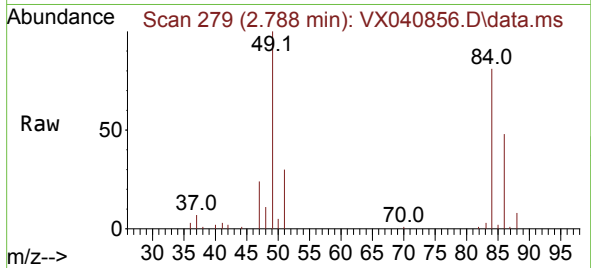




#20
Methylene Chloride
Concen: 34.809 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040856.D
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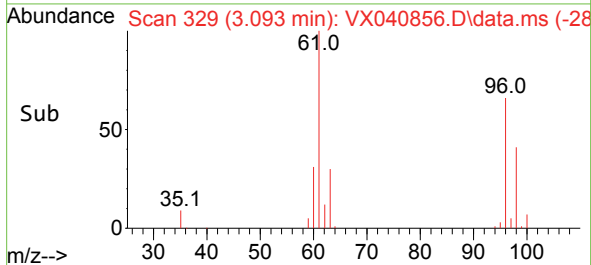
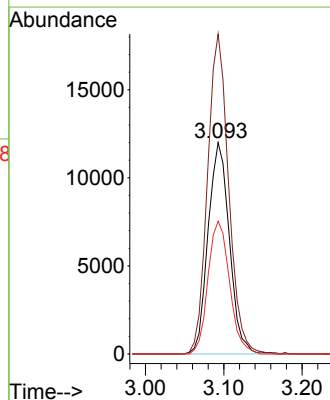
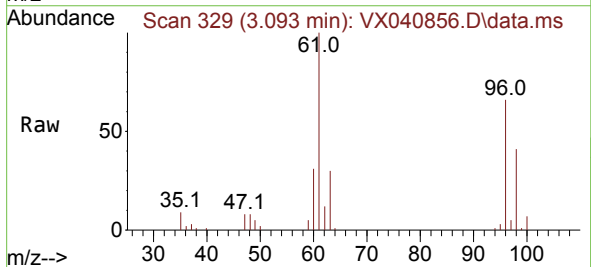
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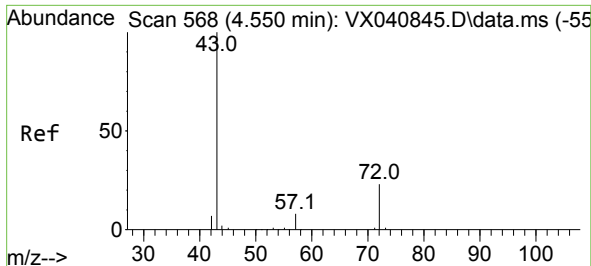
Tgt Ion: 84	Resp: 23719
Ion Ratio	Lower Upper
84 100	
49 123.6	103.6 155.4
51 36.7	33.8 50.6
86 59.7	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 36.310 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX040856.D
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Tgt Ion: 96	Resp: 22644
Ion Ratio	Lower Upper
96 100	
61 151.5	119.2 178.8
98 62.8	48.7 73.1

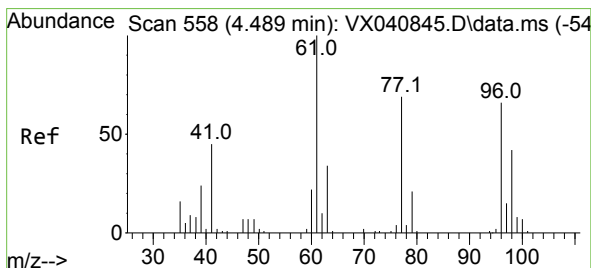
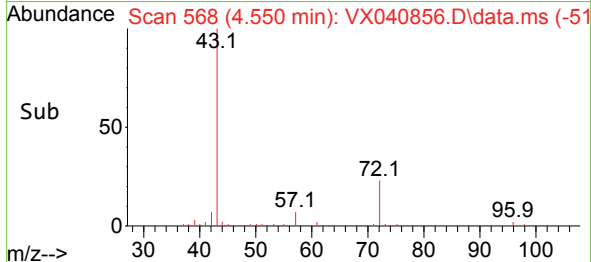
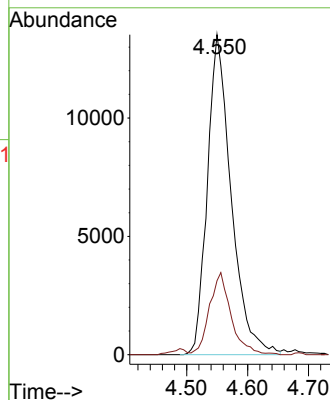
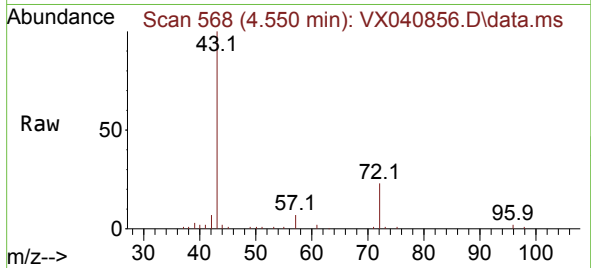




#25
2-Butanone
Concen: 67.275 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

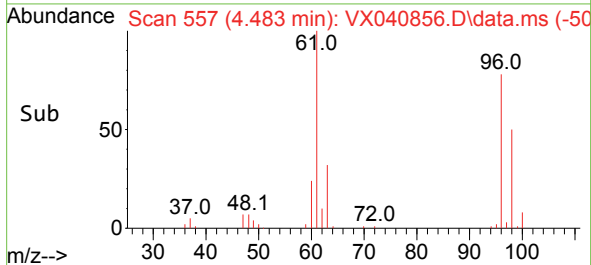
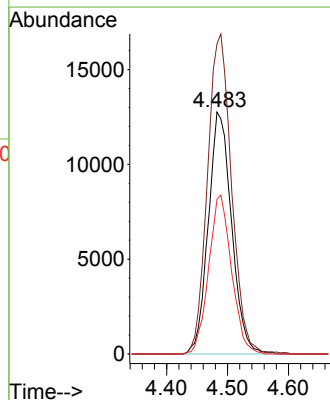
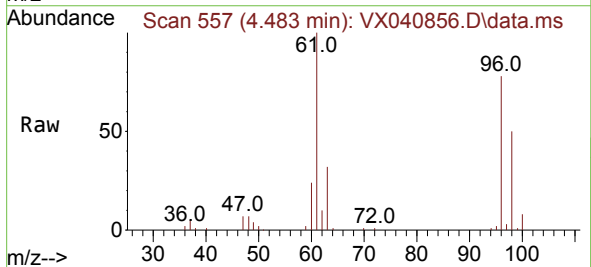
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

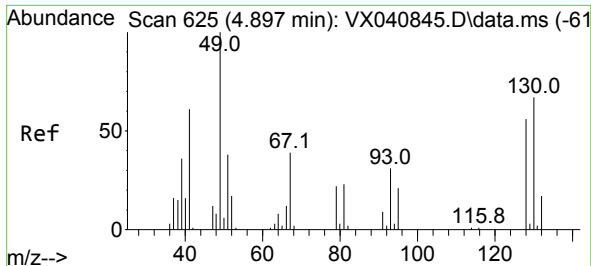
Tgt Ion: 43 Resp: 36746
Ion Ratio Lower Upper
43 100
72 23.1 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 47.091 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 96 Resp: 33912
Ion Ratio Lower Upper
96 100
61 136.5 0.0 312.2
98 64.3 0.0 129.0

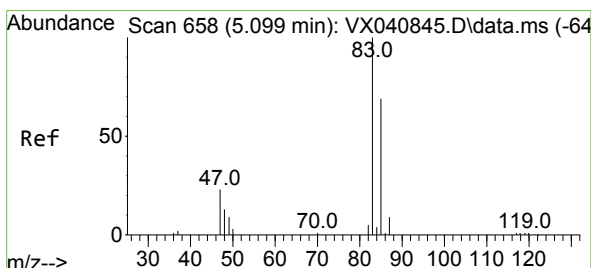
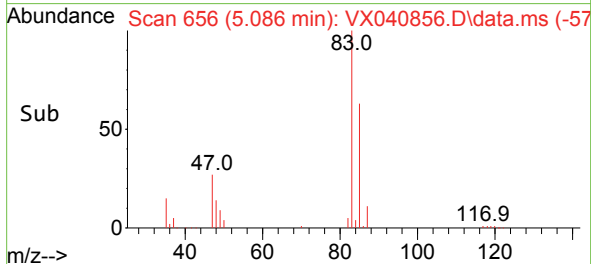
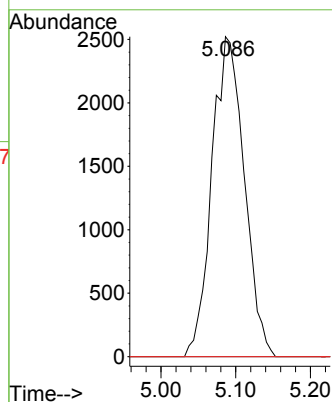
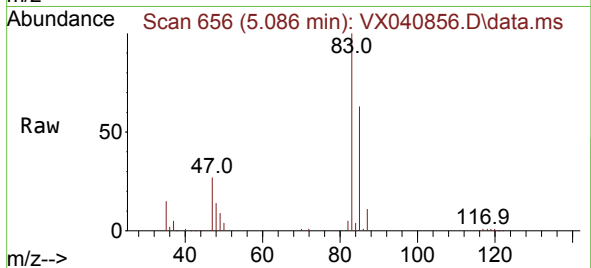




#28
Bromochloromethane
Concen: 14.375 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

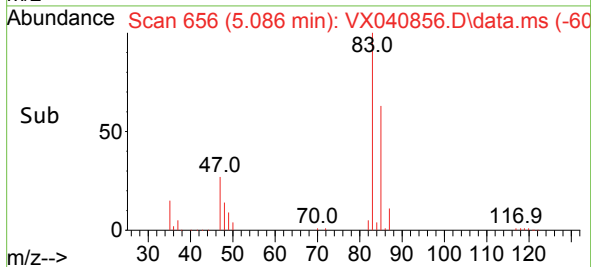
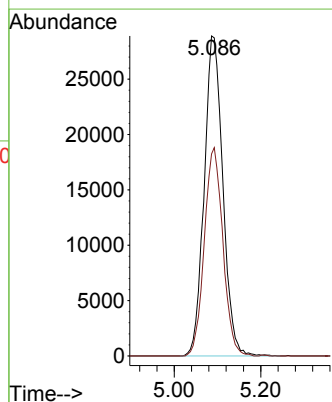
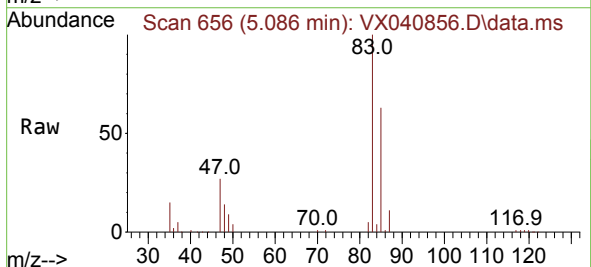
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

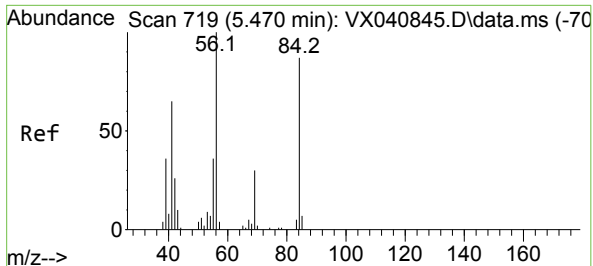
Tgt Ion: 49 Resp: 7601
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 67.590 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 83 Resp: 86515
Ion Ratio Lower Upper
83 100
85 63.1 50.3 75.5

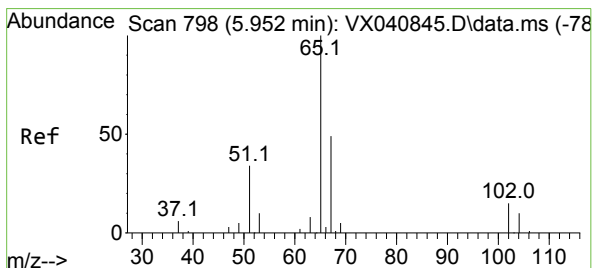
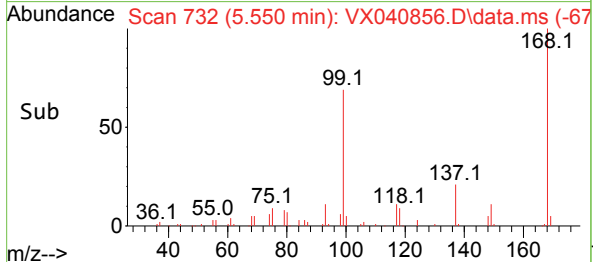
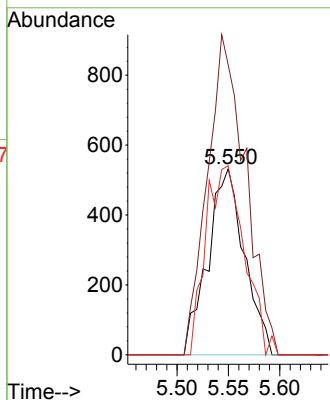
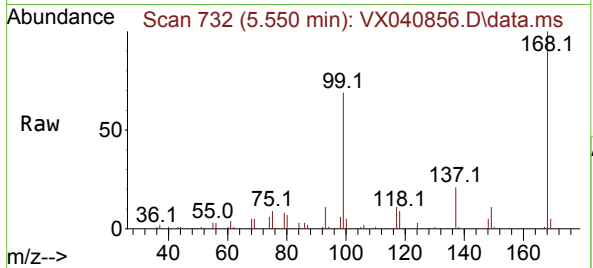




#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

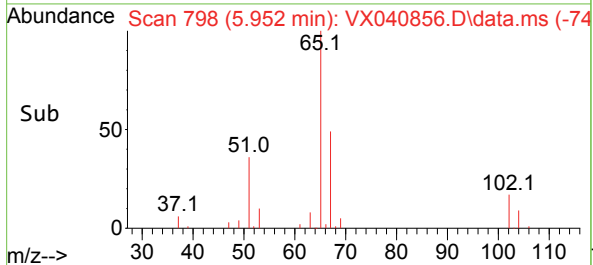
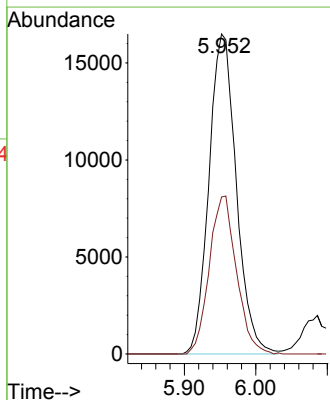
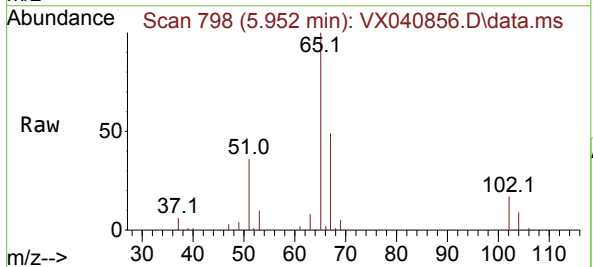
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

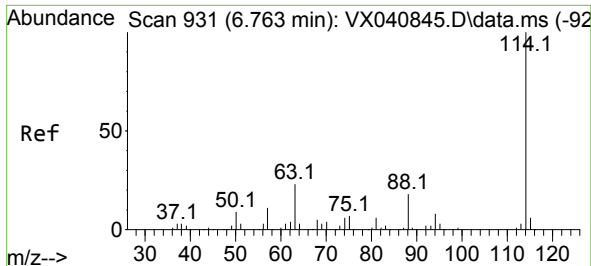
Tgt Ion: 56 Resp: 1318
Ion Ratio Lower Upper
56 100
69 156.2 23.4 35.2#
84 101.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.283 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 65 Resp: 43828
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.2

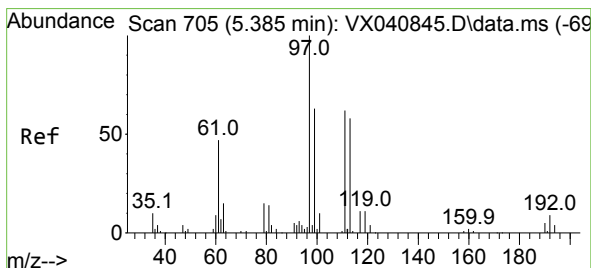
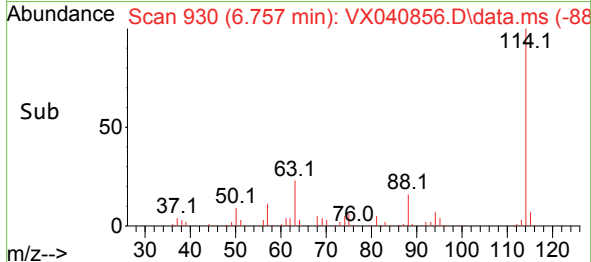
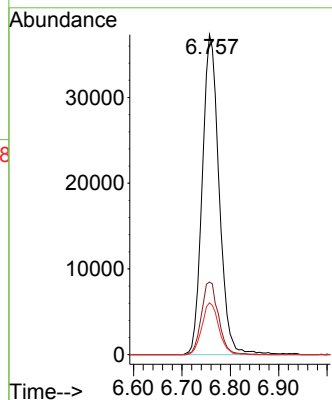
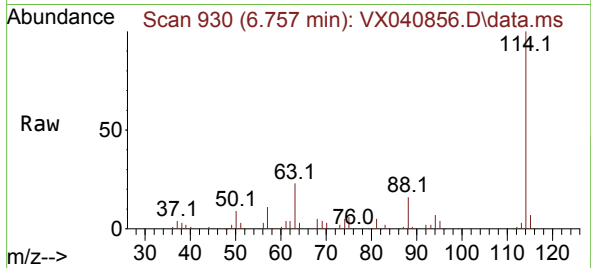




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

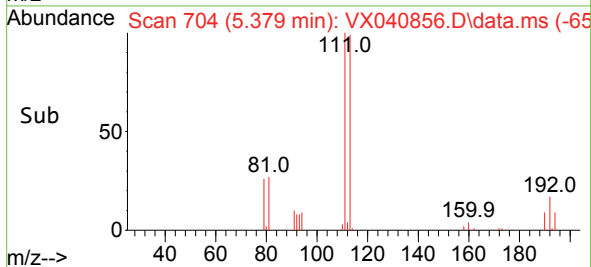
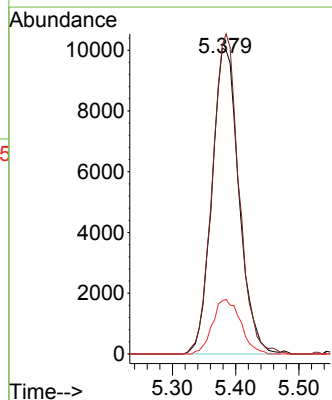
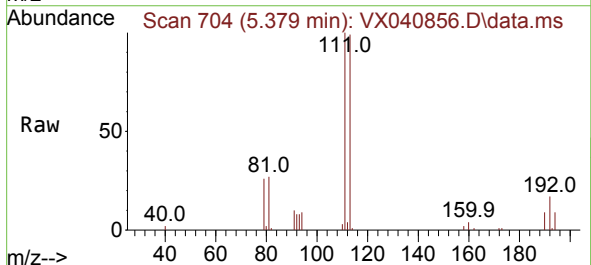
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

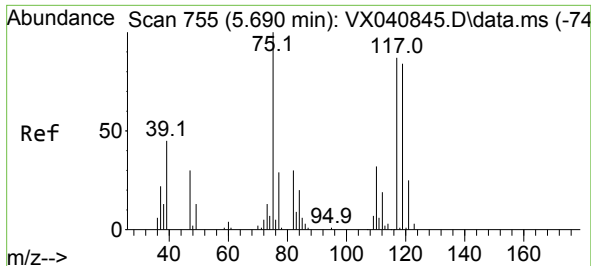
Tgt Ion:114 Resp: 90098
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.681 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion:113 Resp: 29790
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.5 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.528 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

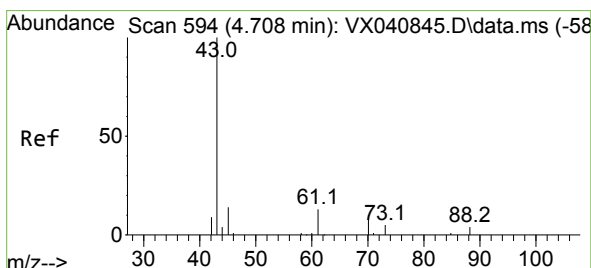
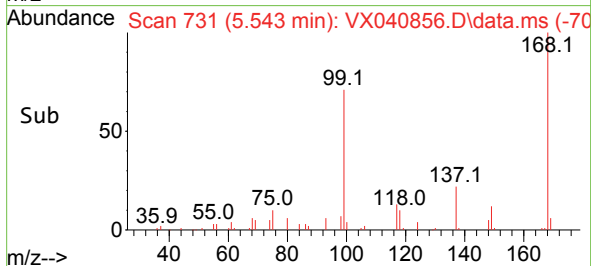
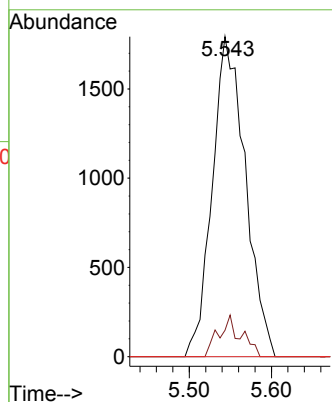
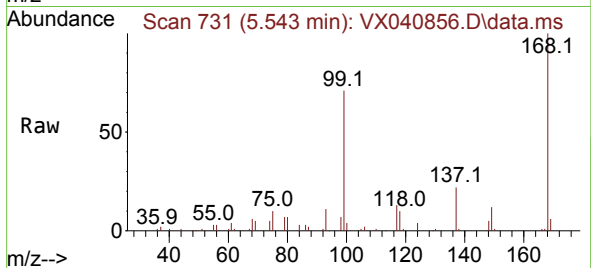
Tgt Ion: 75 Resp: 5013

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 33.002 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.159 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

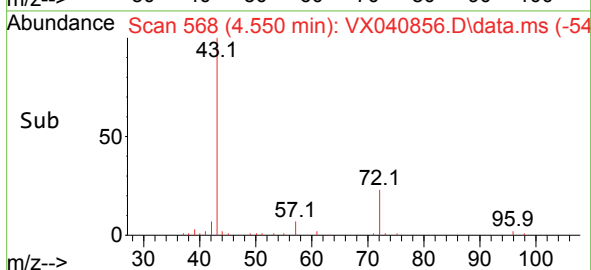
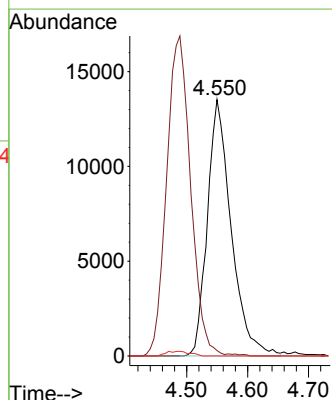
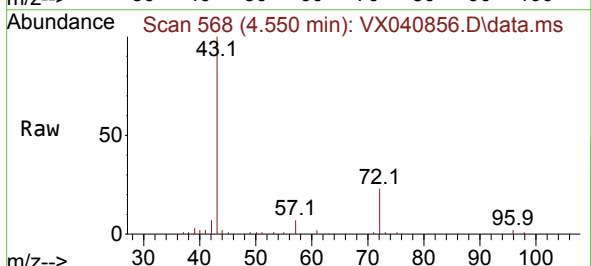
Tgt Ion: 43 Resp: 36746

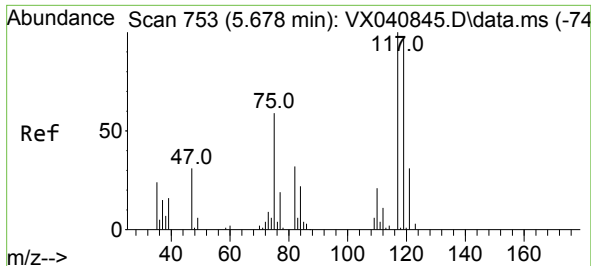
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

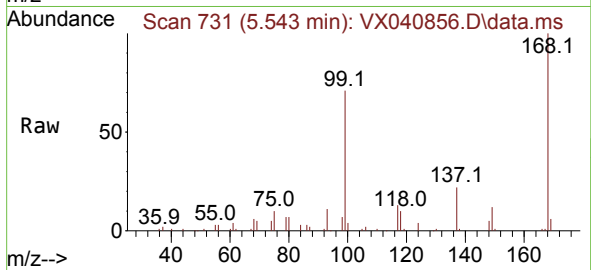
70 0.0 8.3 12.5#



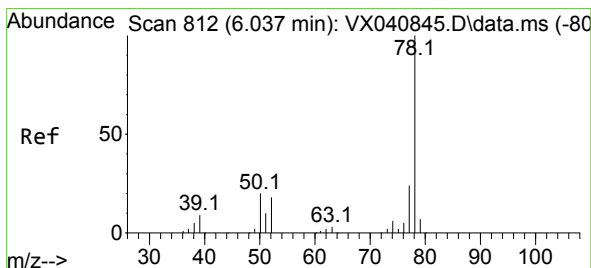
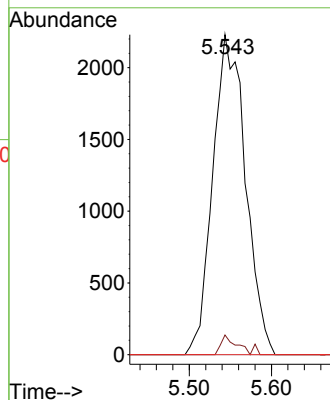
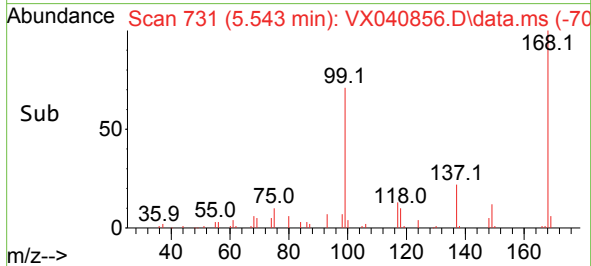


#38
Carbon Tetrachloride
Concen: 6.135 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

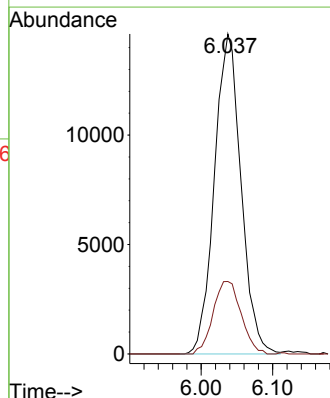
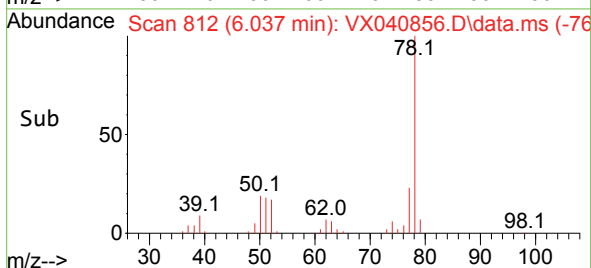
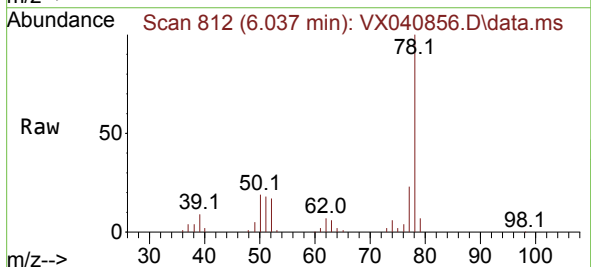


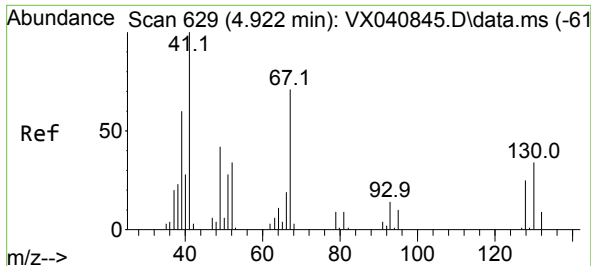
Tgt Ion:117 Resp: 6158
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 14.981 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 78 Resp: 37703
Ion Ratio Lower Upper
78 100
77 22.6 19.3 28.9

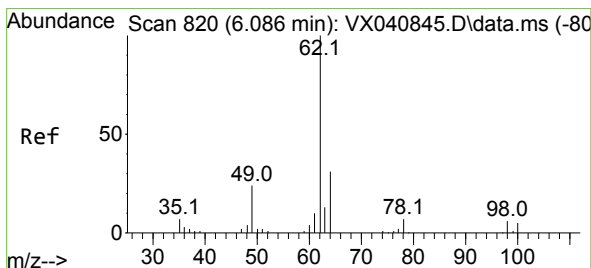
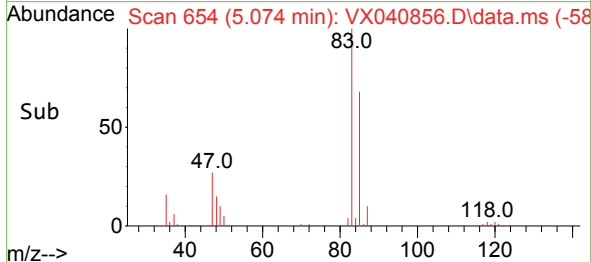
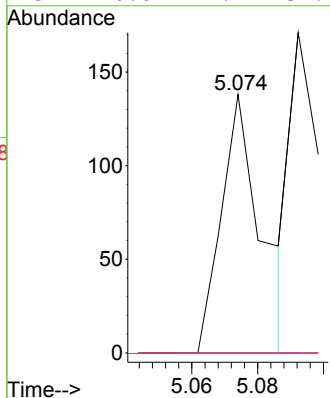
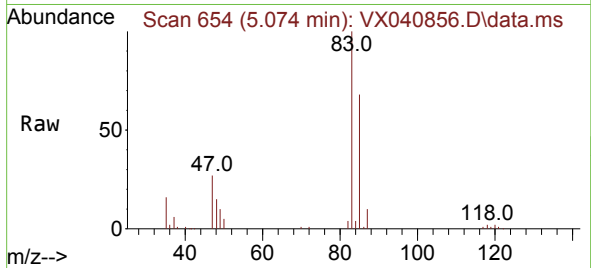




#41
Methacrylonitrile
Concen: 0.203 ug/l
RT: 5.074 min Scan# 61
Delta R.T. 0.152 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

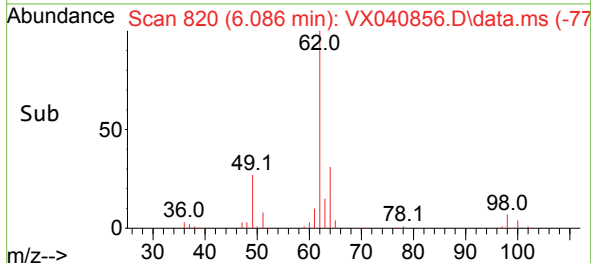
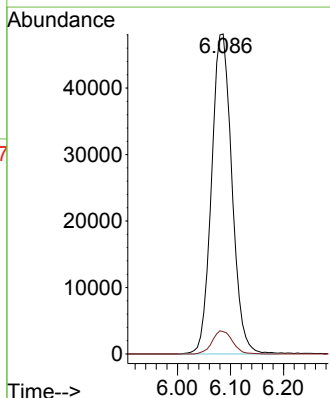
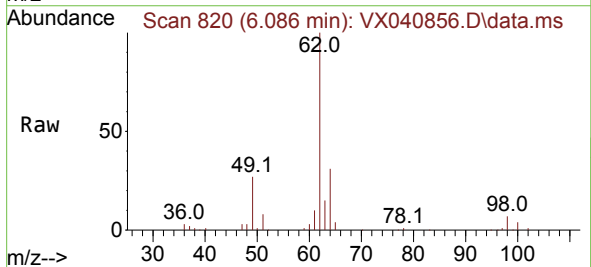
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

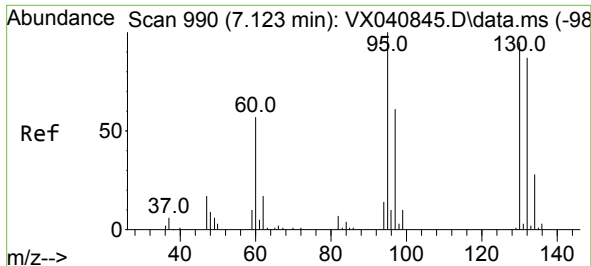
Tgt Ion: 41	Resp:	116	
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 117.590 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 62	Resp: 128535
Ion Ratio	Lower Upper
62 100	
98 7.2	0.0 16.0

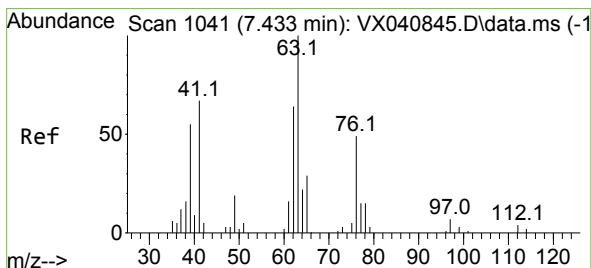
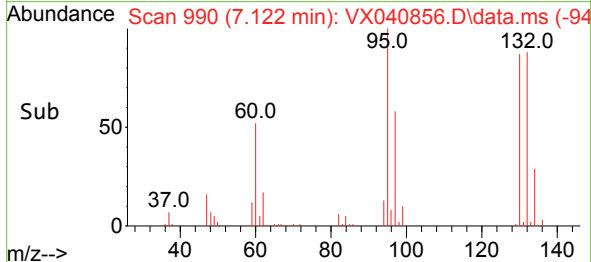
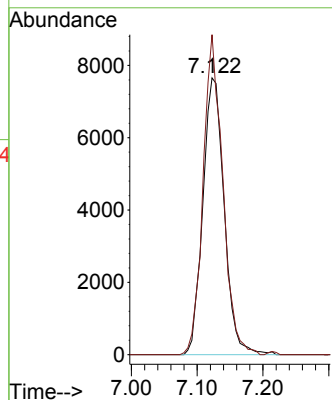
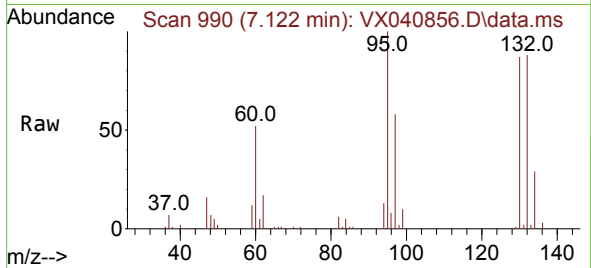




#44
Trichloroethene
Concen: 27.541 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

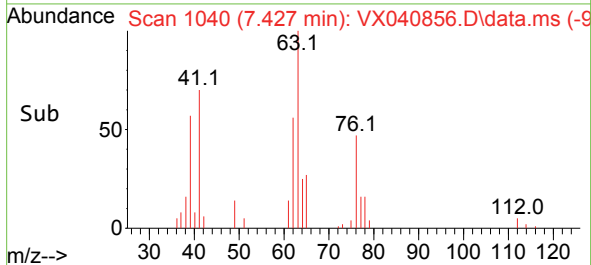
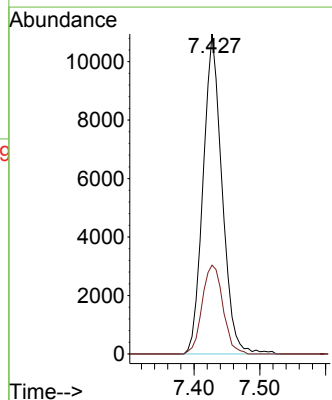
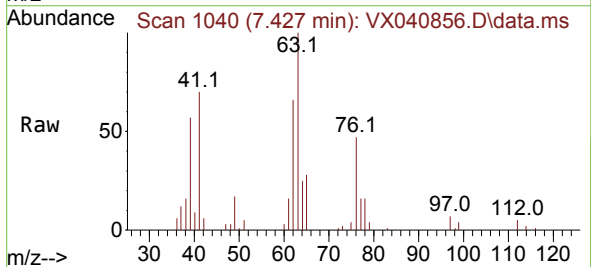
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

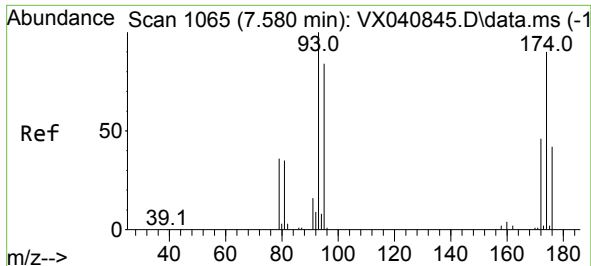
Tgt Ion:130 Resp: 17311
Ion Ratio Lower Upper
130 100
95 115.6 0.0 204.4



#45
1,2-Dichloropropane
Concen: 36.538 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 63 Resp: 21952
Ion Ratio Lower Upper
63 100
65 27.7 24.3 36.5

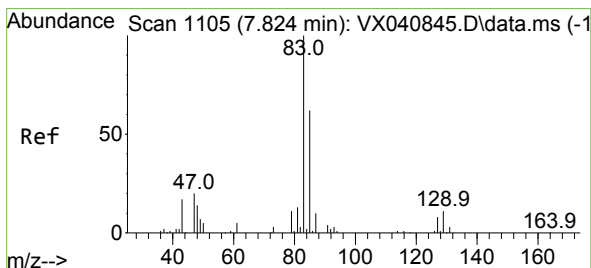
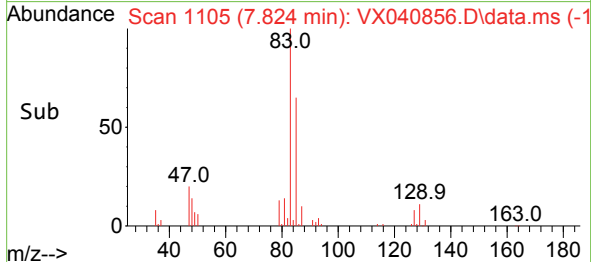
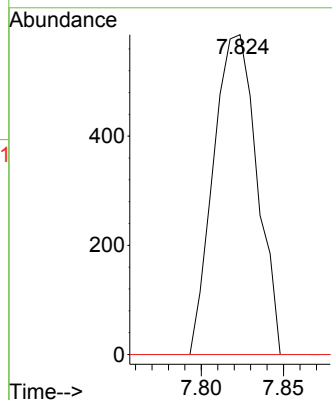
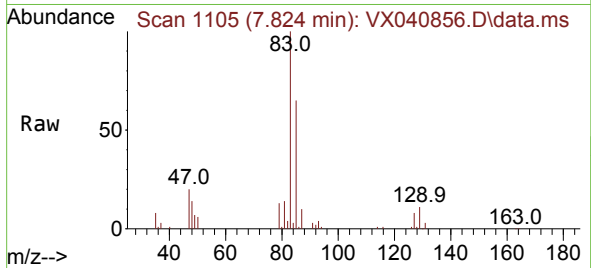




#46
Dibromomethane
Concen: 2.195 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.244 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

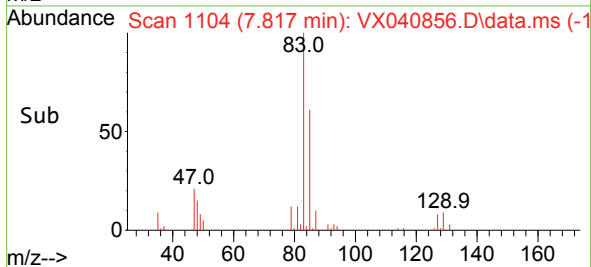
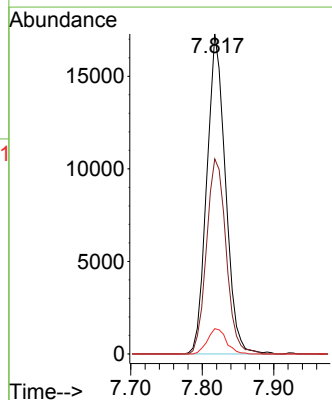
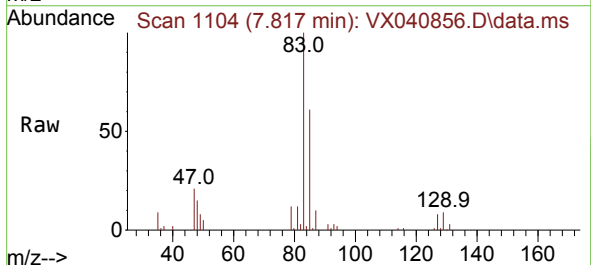
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

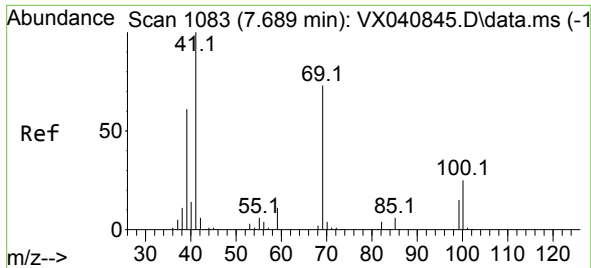
Tgt Ion: 93 Resp: 1081
Ion Ratio Lower Upper
93 100
95 0.0 66.6 100.0#
174 0.0 69.4 104.0#



#47
Bromodichloromethane
Concen: 30.599 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 83 Resp: 31350
Ion Ratio Lower Upper
83 100
85 61.0 49.8 74.6
127 7.9 7.1 10.7

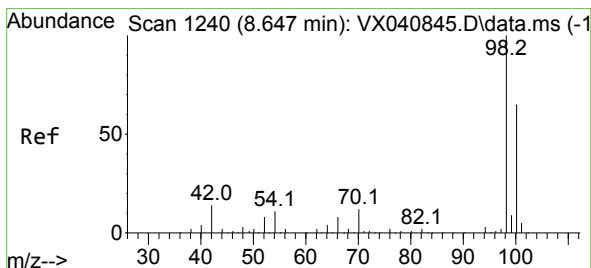
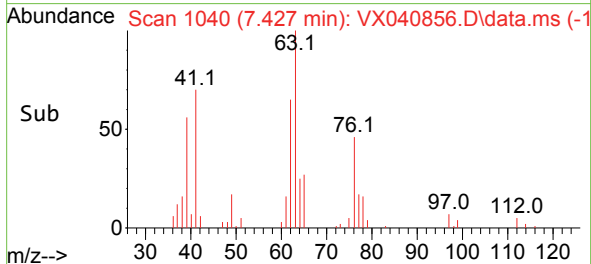
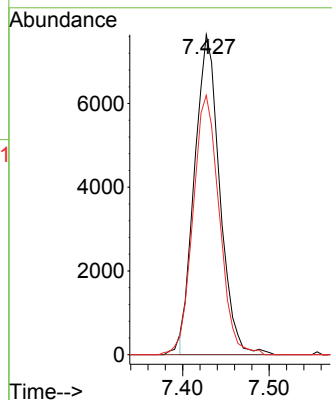
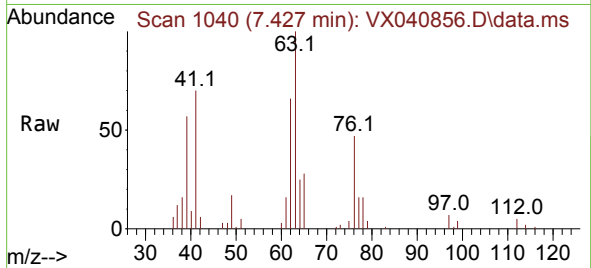




#48
Methyl methacrylate
Concen: 18.278 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.262 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

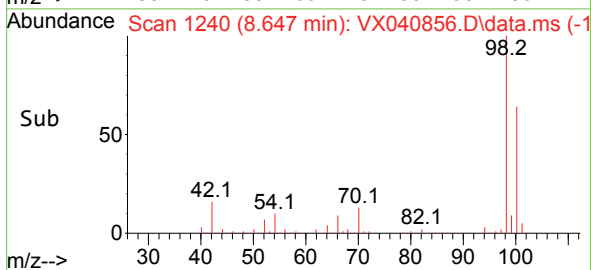
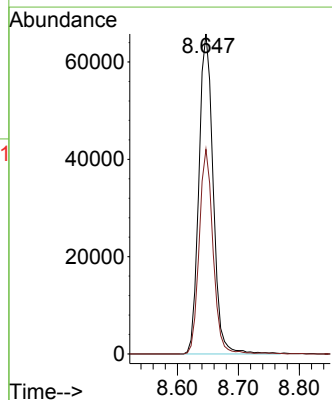
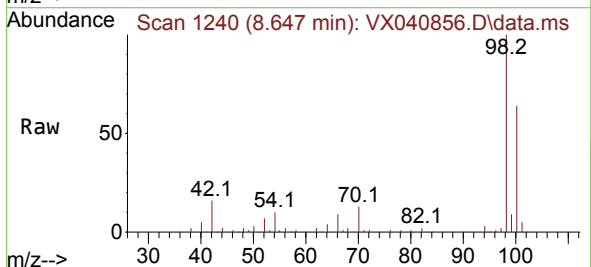
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

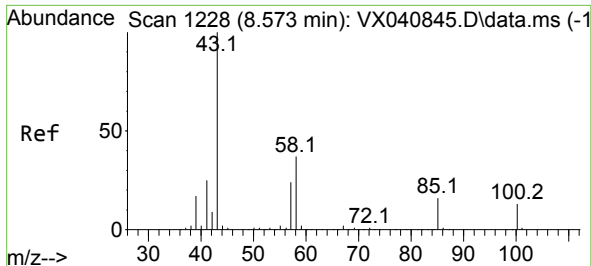
Tgt Ion: 41 Resp: 15391
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 83.0 47.7 71.5#



#50
Toluene-d8
Concen: 46.449 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 98 Resp: 107110
Ion Ratio Lower Upper
98 100
100 61.7 53.1 79.7

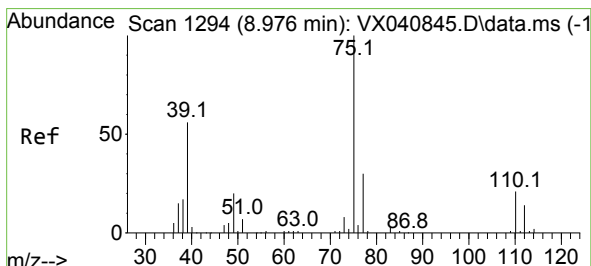
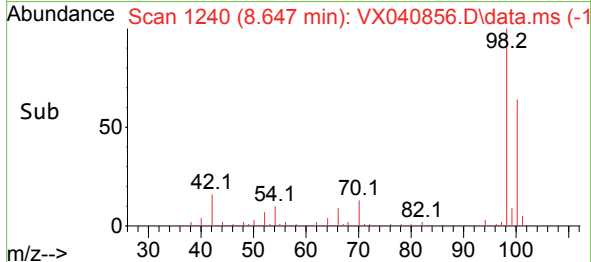
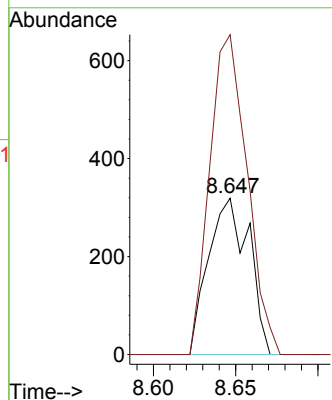
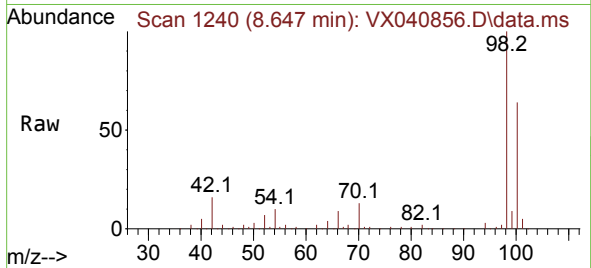




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

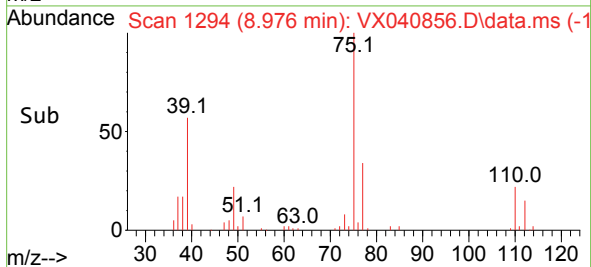
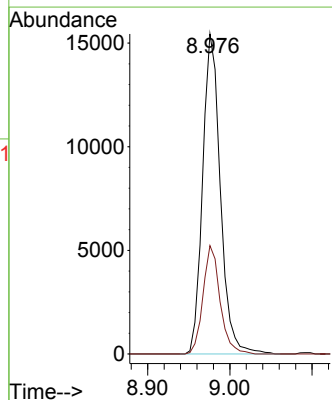
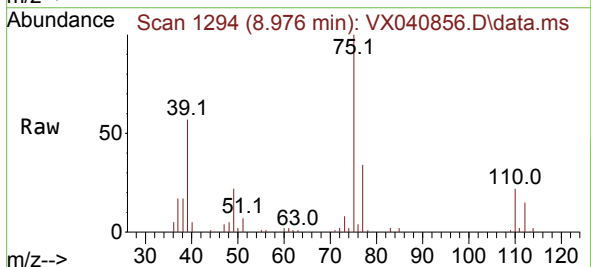
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

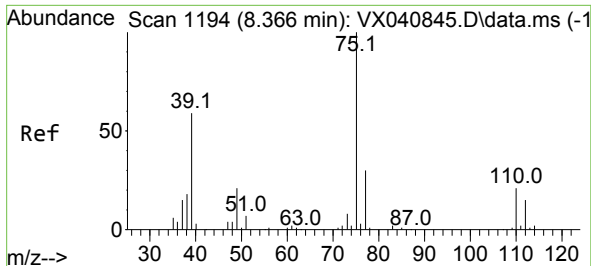
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 188.7 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 22.598 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 75 Resp: 23162
Ion Ratio Lower Upper
75 100
77 33.9 25.7 38.5

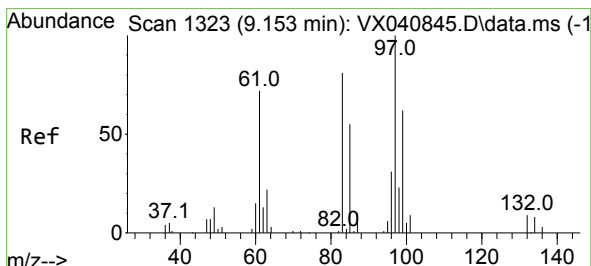
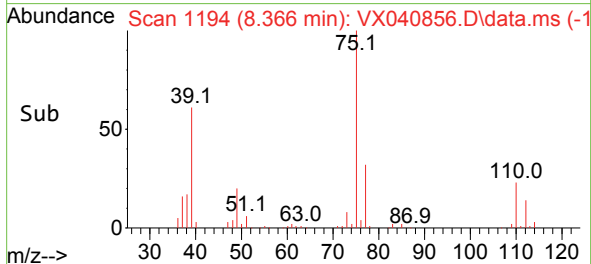
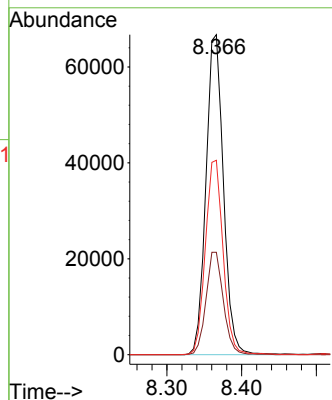
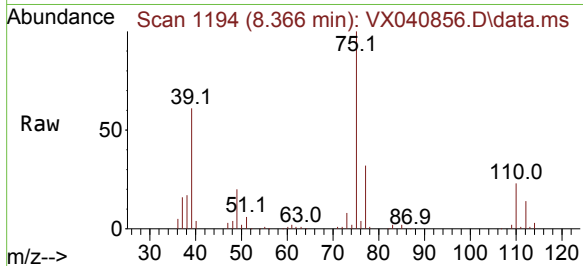




#54
 cis-1,3-Dichloropropene
 Concen: 106.700 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040856.D
 Acq: 02 Apr 2024 11:39

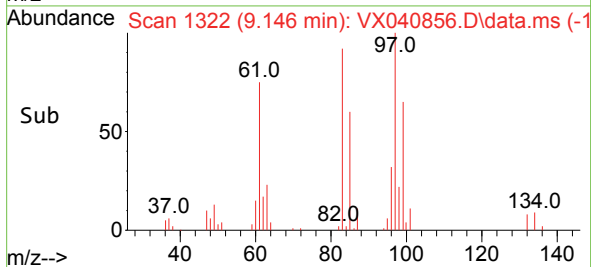
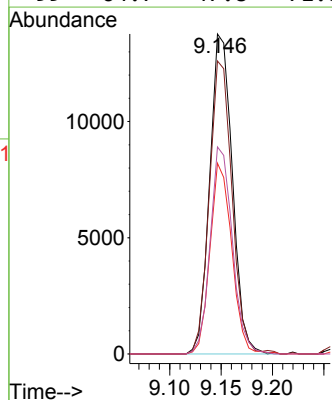
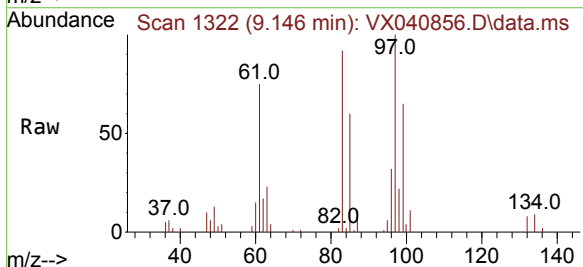
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

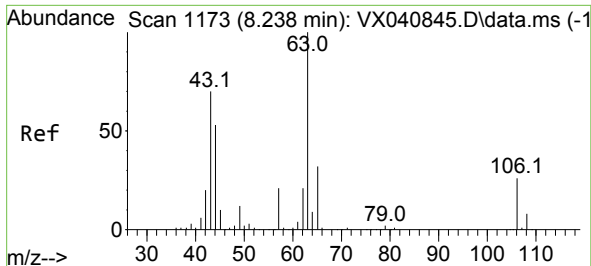
Tgt Ion: 75 Resp: 108396
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 60.7 46.7 70.1



#55
 1,1,2-Trichloroethane
 Concen: 34.048 ug/l
 RT: 9.146 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX040856.D
 Acq: 02 Apr 2024 11:39

Tgt Ion: 97 Resp: 21100
 Ion Ratio Lower Upper
 97 100
 83 91.6 65.8 98.8
 85 59.6 41.6 62.4
 99 64.7 47.8 71.8

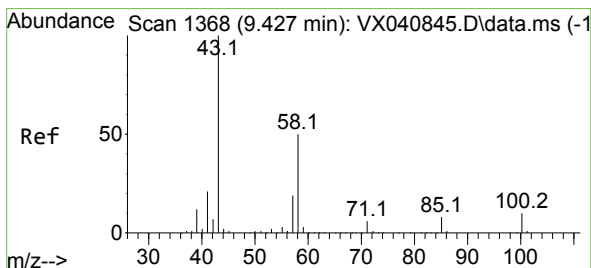
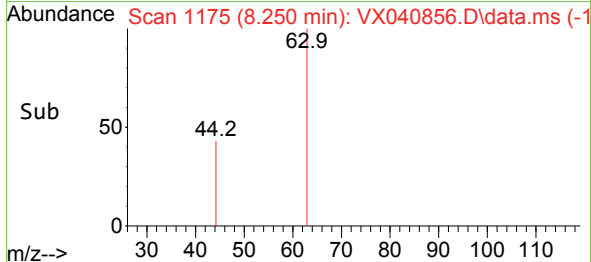
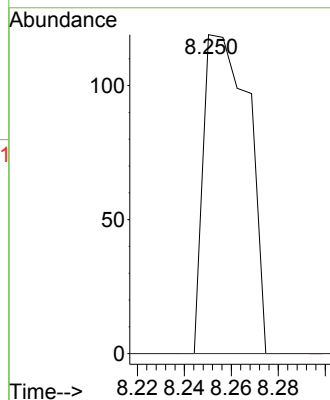
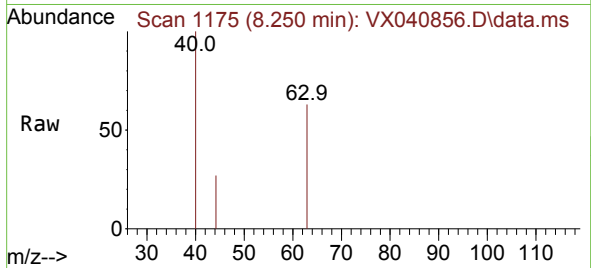




#58
2-Chloroethyl Vinyl ether
Concen: 0.306 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

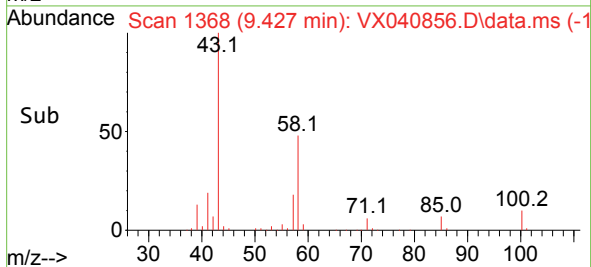
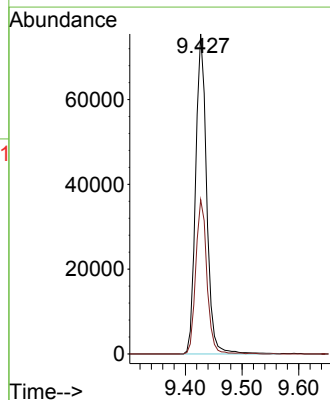
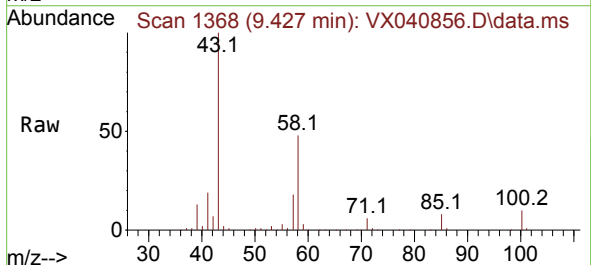
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

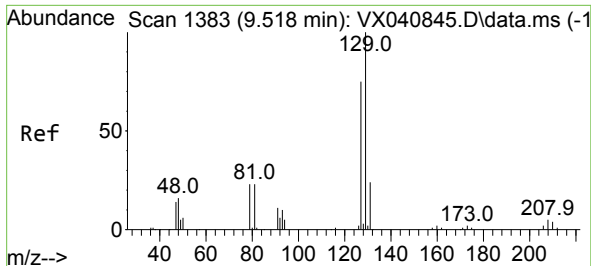
Tgt Ion: 63 Resp: 158
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 111.264 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 43 Resp: 101780
Ion Ratio Lower Upper
43 100
58 48.9 26.2 78.5

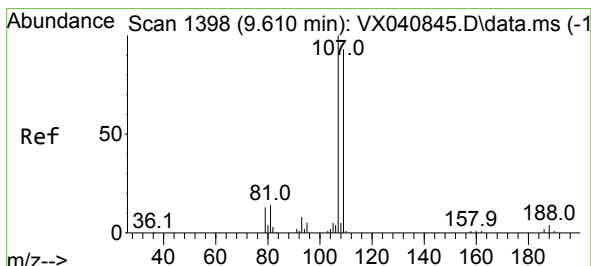
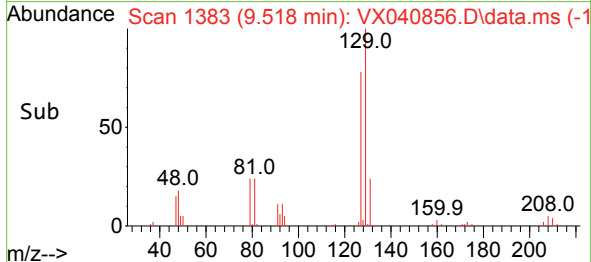
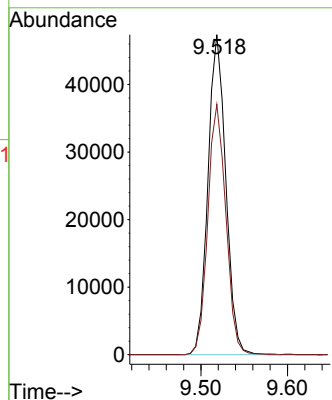
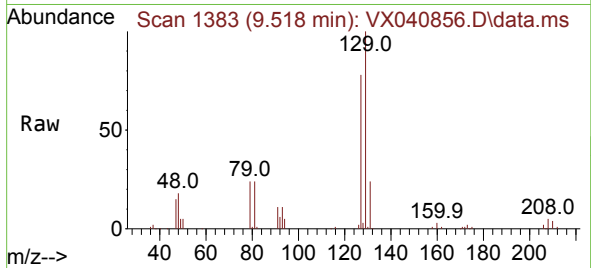




#60
Dibromochloromethane
Concen: 91.651 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

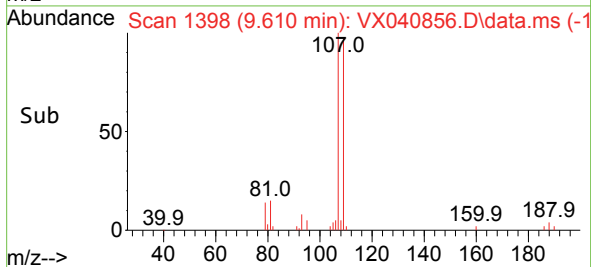
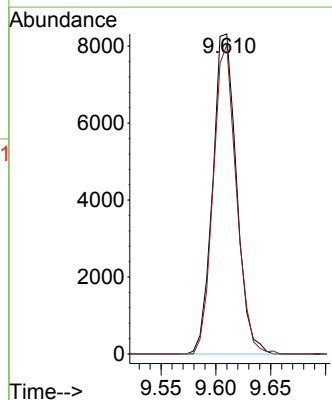
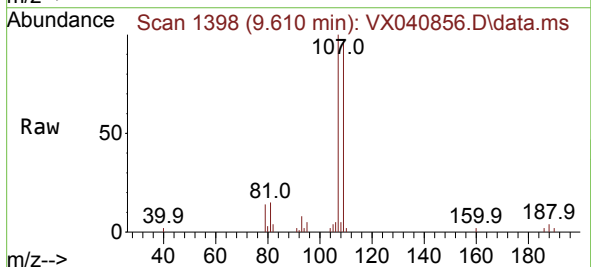
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

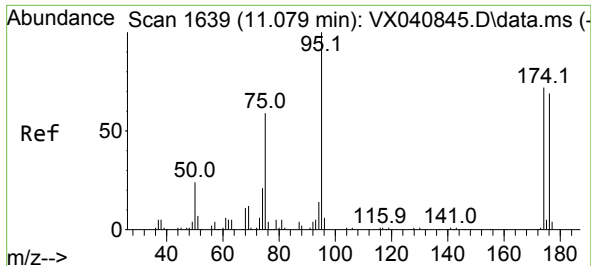
Tgt Ion:129 Resp: 67805
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4



#61
1,2-Dibromoethane
Concen: 18.808 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion:107 Resp: 12575
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 45.059 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

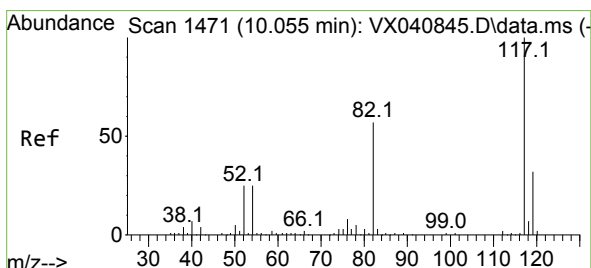
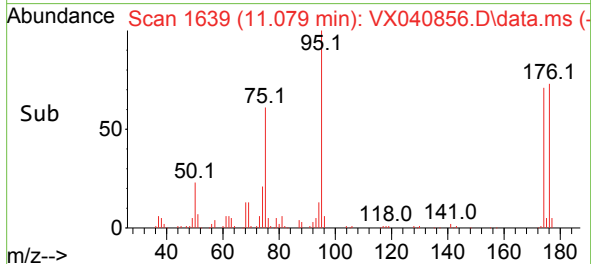
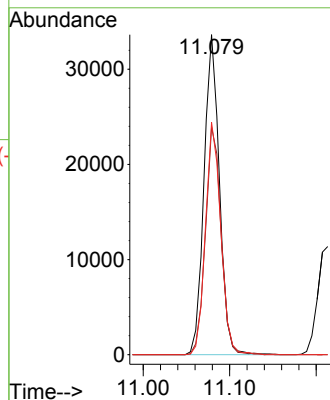
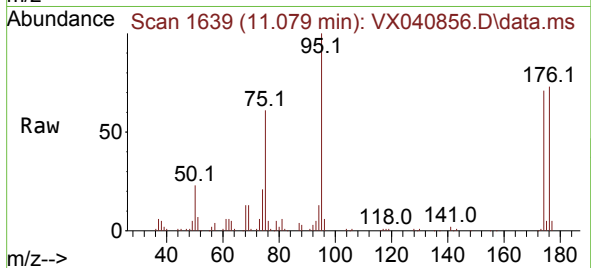
Tgt Ion: 95 Resp: 41494

Ion Ratio Lower Upper

95 100

174 71.9 0.0 135.6

176 72.3 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

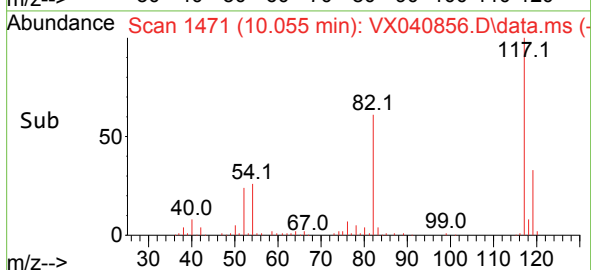
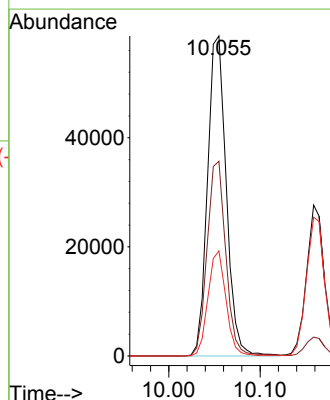
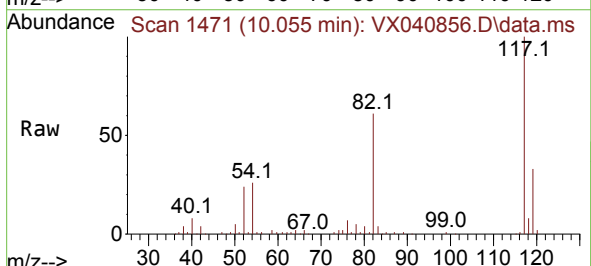
Tgt Ion: 117 Resp: 83218

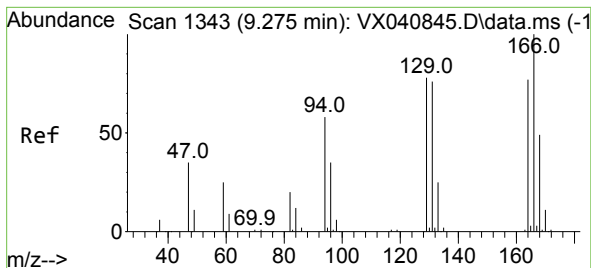
Ion Ratio Lower Upper

117 100

82 60.9 46.2 69.4

119 32.9 25.5 38.3





#64

Tetrachloroethene

Concen: 99.433 ug/l

RT: 9.274 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040856.D

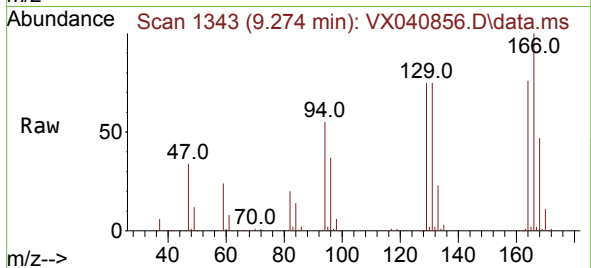
Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP



Tgt Ion:164 Resp: 54758

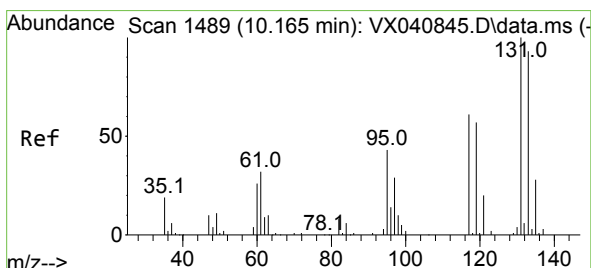
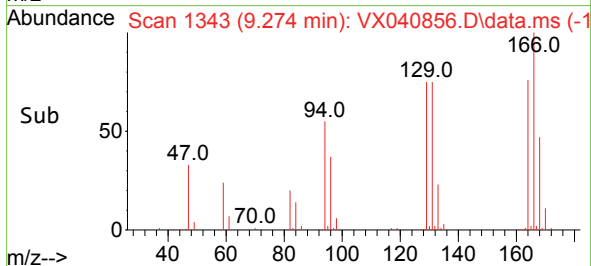
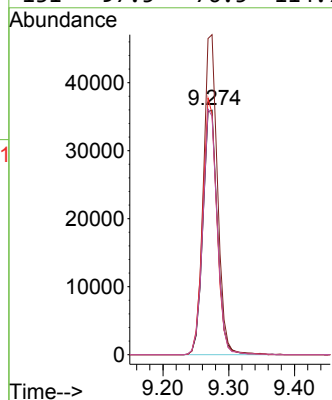
Ion Ratio Lower Upper

164 100

166 130.9 102.7 154.1

129 98.6 80.4 120.6

131 97.5 76.5 114.7



#66

1,1,1,2-Tetrachloroethane

Concen: 93.810 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

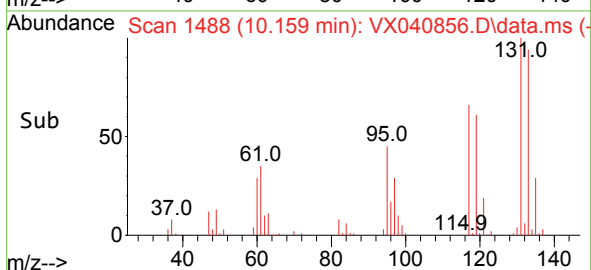
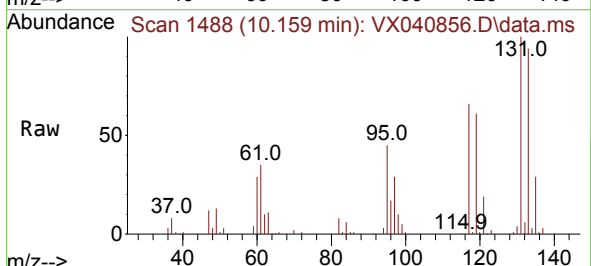
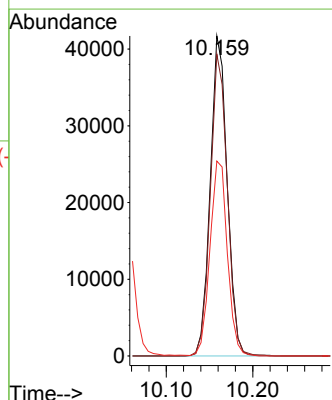
Tgt Ion:131 Resp: 56671

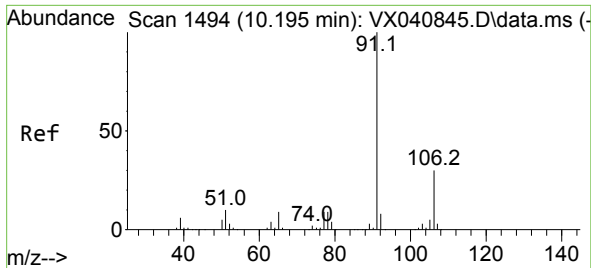
Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.4

119 62.6 32.2 96.6

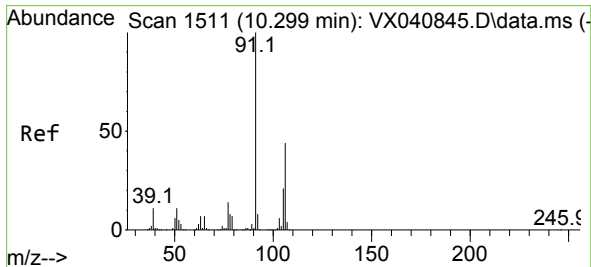
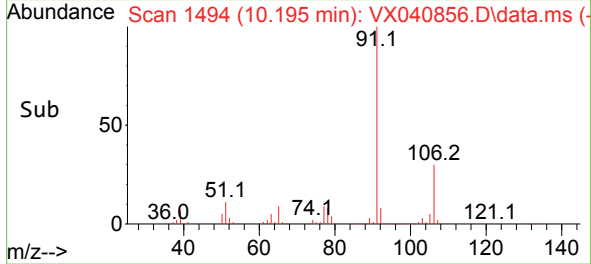
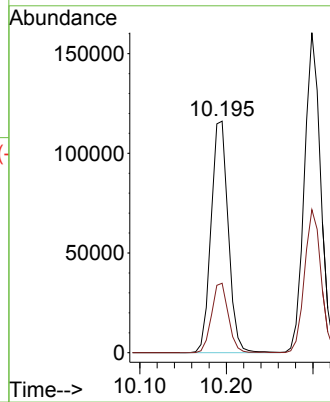
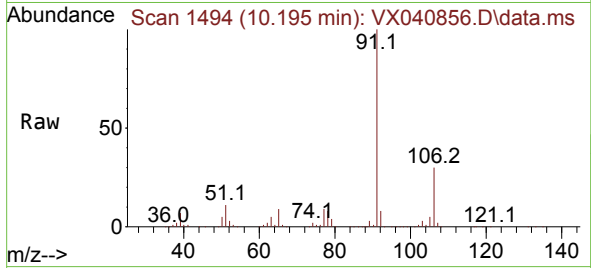




#67
Ethyl Benzene
Concen: 49.294 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

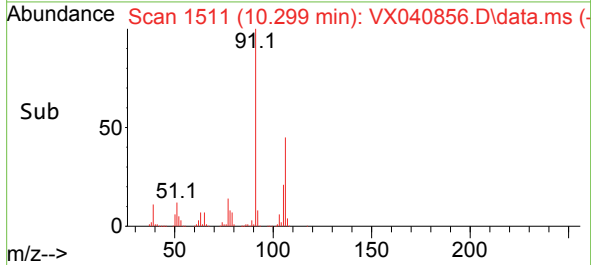
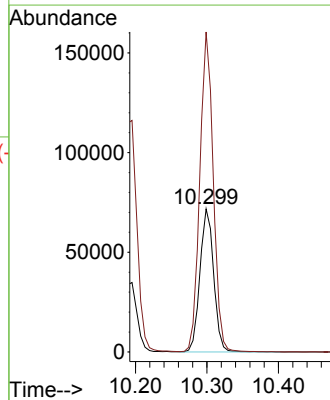
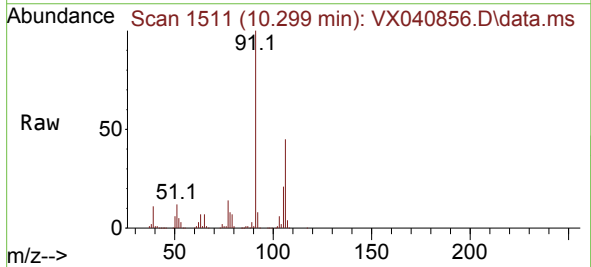
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

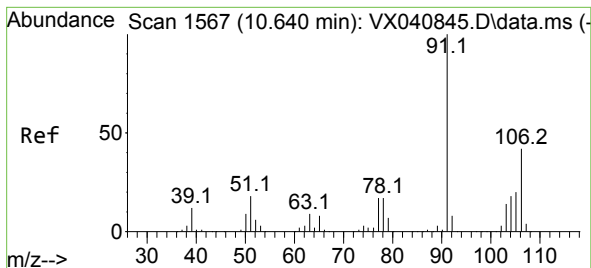
Tgt Ion: 91 Resp: 159992
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3



#68
m/p-Xylenes
Concen: 81.077 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 106 Resp: 95746
Ion Ratio Lower Upper
106 100
91 218.7 165.5 248.3





#69

o-Xylene

Concen: 103.321 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

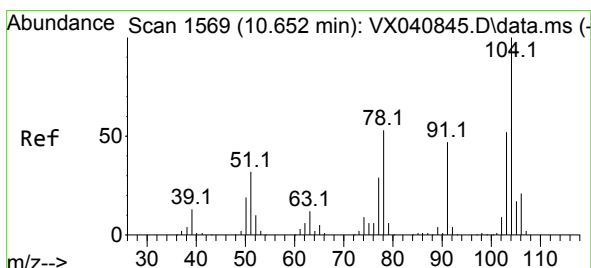
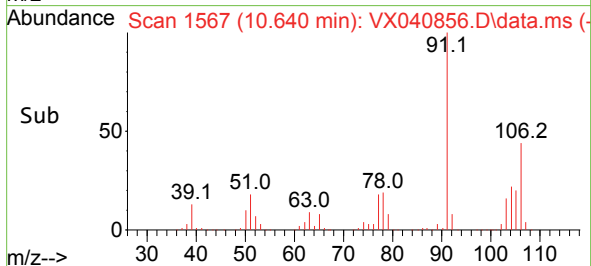
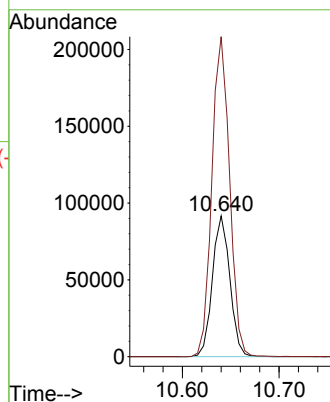
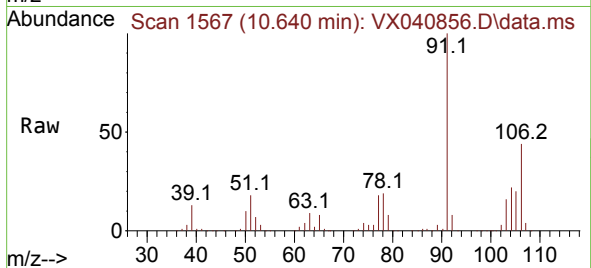
PT-VOA-WP

Tgt Ion:106 Resp: 114949

Ion Ratio Lower Upper

106 100

91 231.4 108.9 326.8



#70

Styrene

Concen: 113.593 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

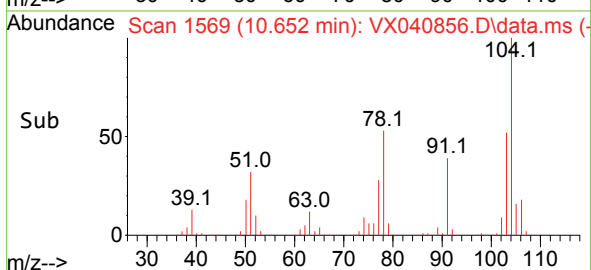
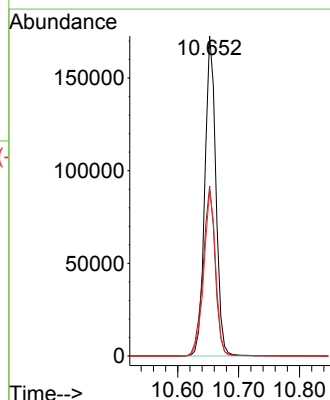
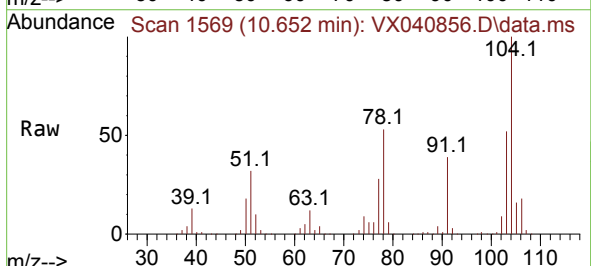
Tgt Ion:104 Resp: 218993

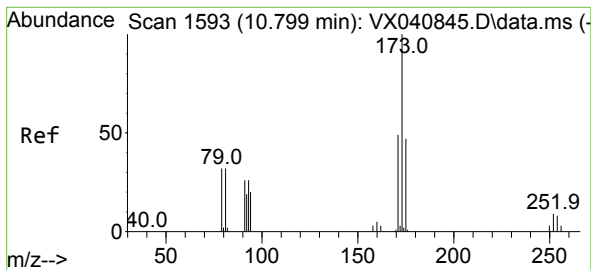
Ion Ratio Lower Upper

104 100

78 57.9 43.6 65.4

103 55.4 43.6 65.4





#71

Bromoform

Concen: 1.858 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

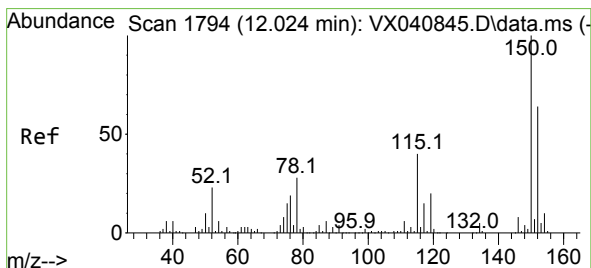
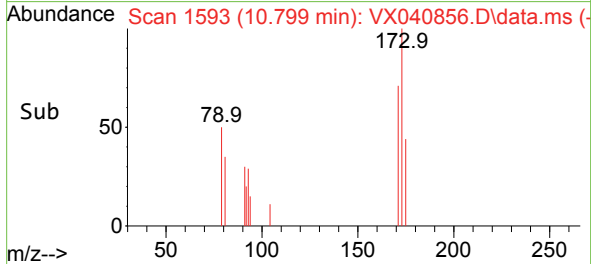
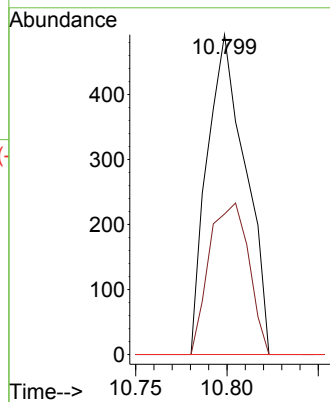
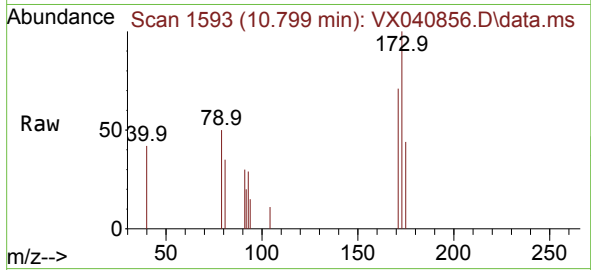
Tgt Ion:173 Resp: 715

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

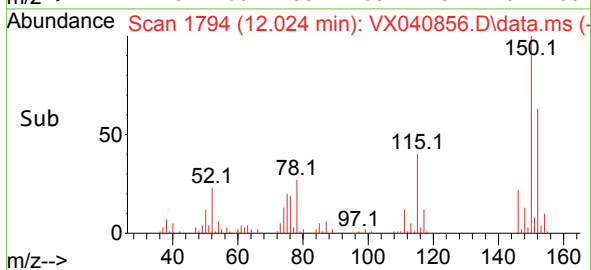
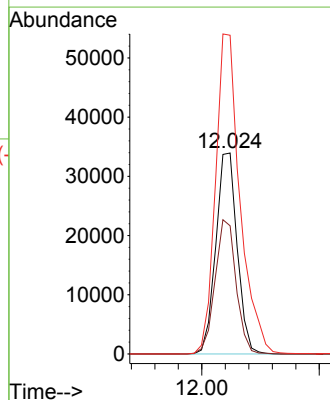
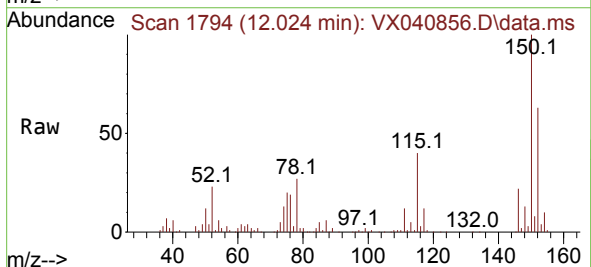
Tgt Ion:152 Resp: 42819

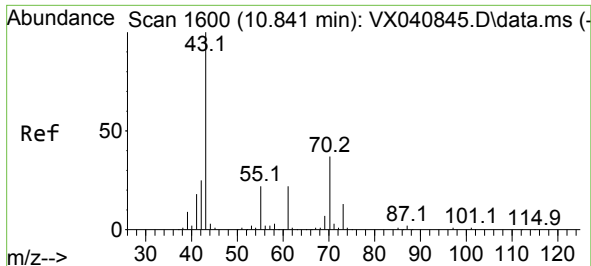
Ion Ratio Lower Upper

152 100

115 65.9 43.3 129.9

150 182.6 0.0 345.0

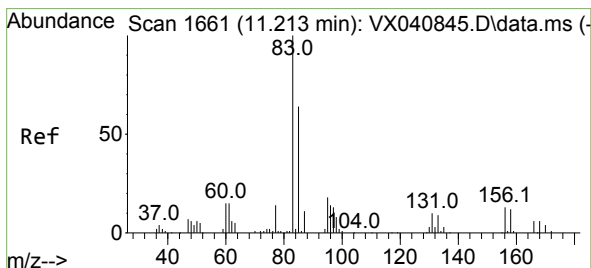
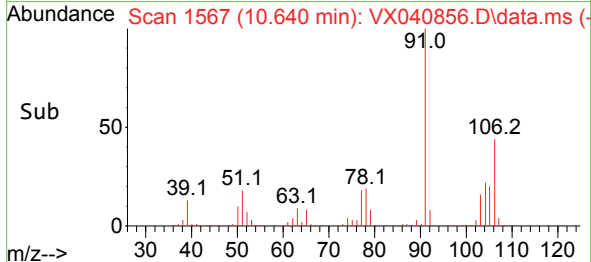
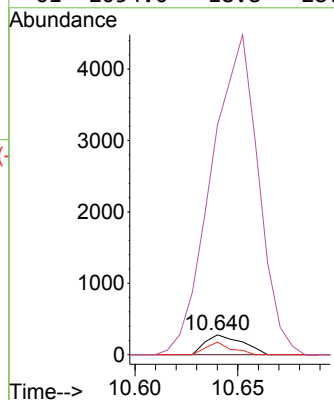
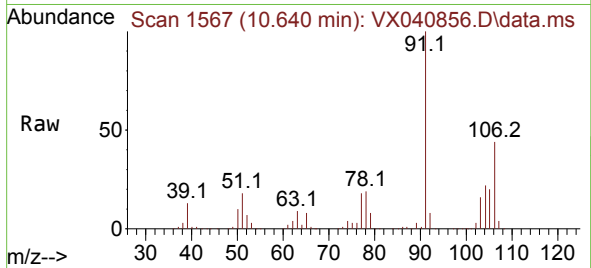




#74
N-amy1 acetate
Concen: 0.230 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

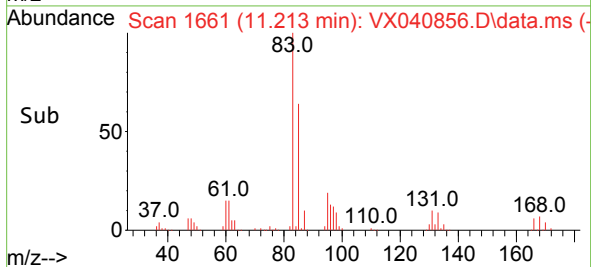
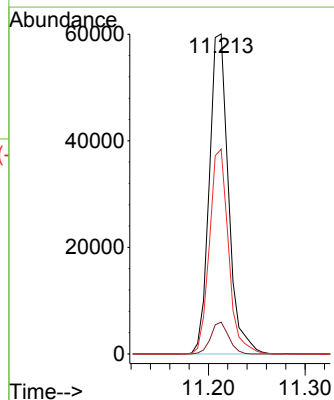
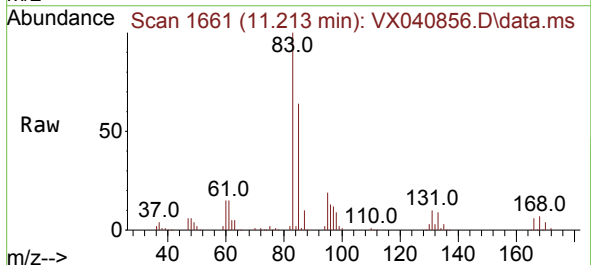
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

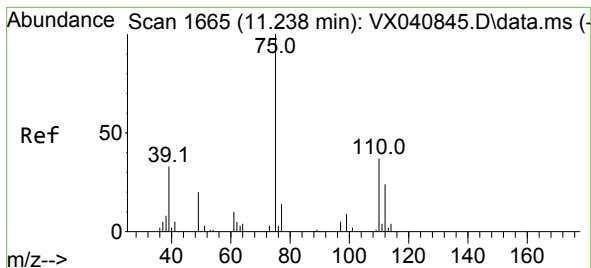
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 42.8 19.3 28.9#
61 2054.0 18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 80.807 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 83 Resp: 82631
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 63.6 32.0 96.2

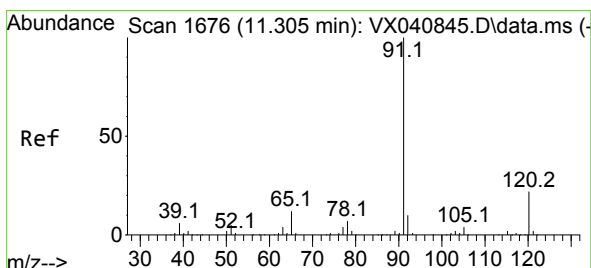
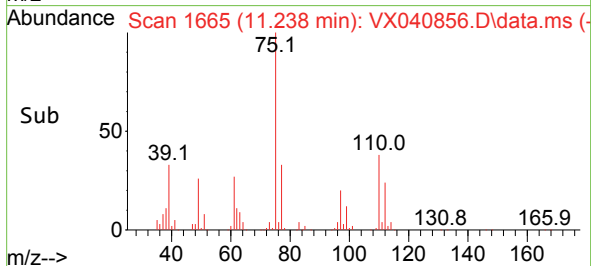
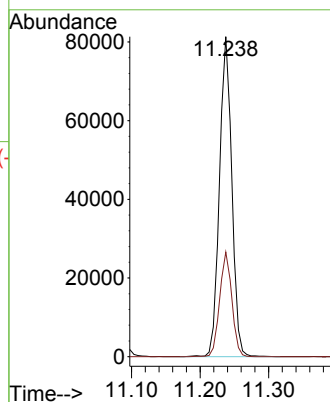
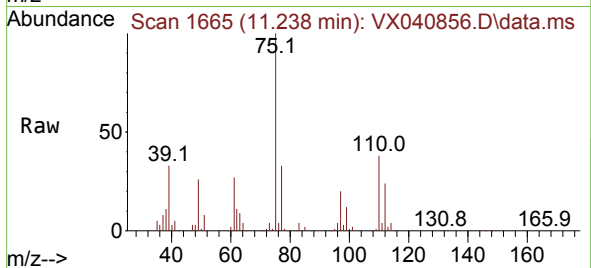




#76
1,2,3-Trichloropropane
Concen: 110.753 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

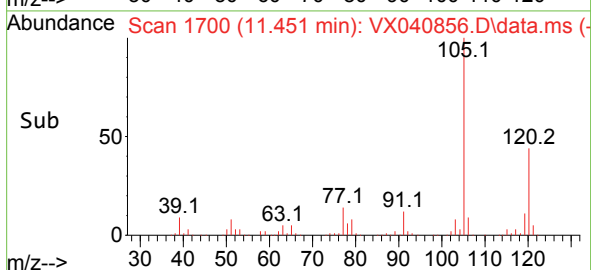
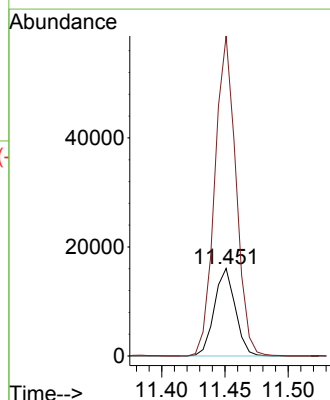
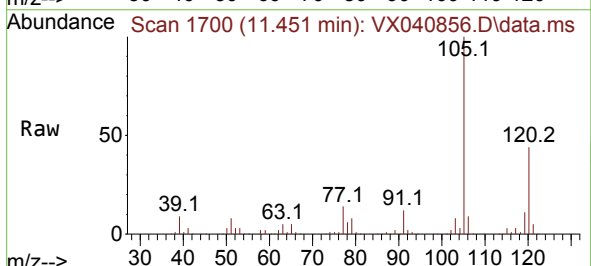
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

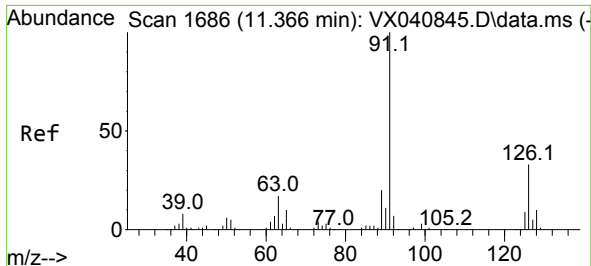
Tgt Ion: 75 Resp: 101126
Ion Ratio Lower Upper
75 100
77 32.3 19.1 57.5



#78
n-propylbenzene
Concen: 4.935 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.146 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 91 Resp: 18443
Ion Ratio Lower Upper
91 100
120 370.8 11.5 34.4#

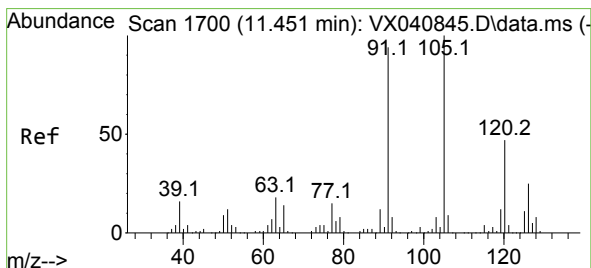
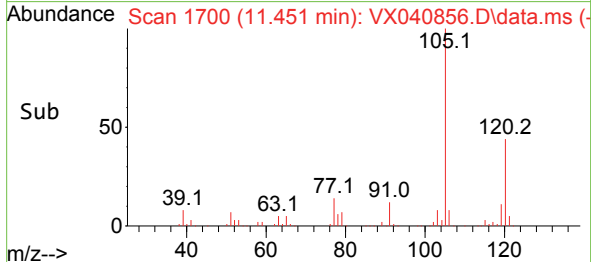
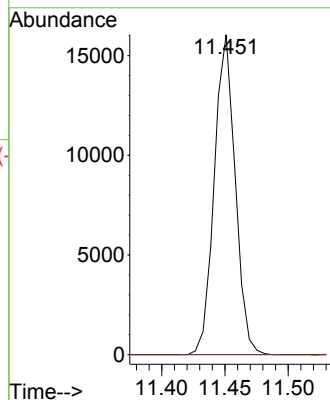
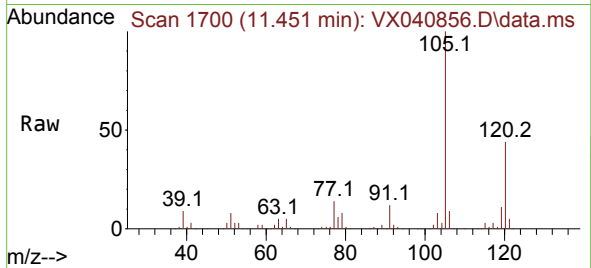




#79
2-Chlorotoluene
Concen: 8.269 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.085 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

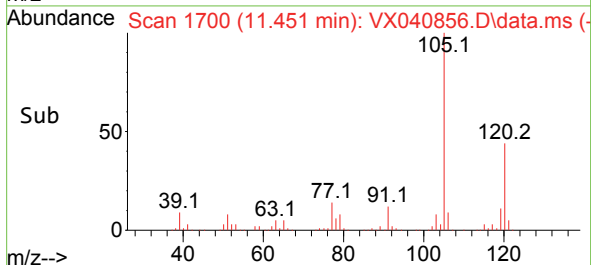
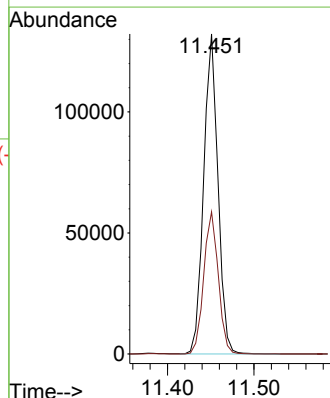
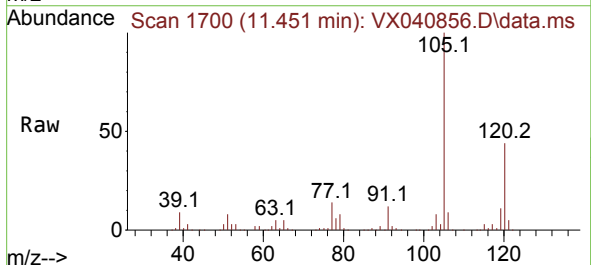
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

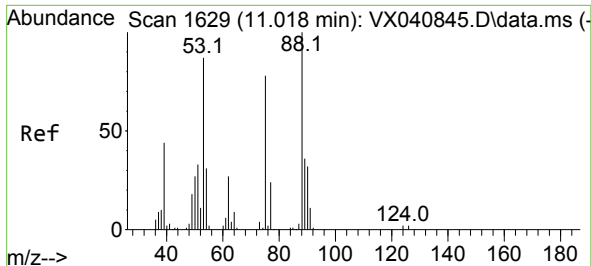
Tgt Ion: 91 Resp: 18443
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 59.200 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion:105 Resp: 151209
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3

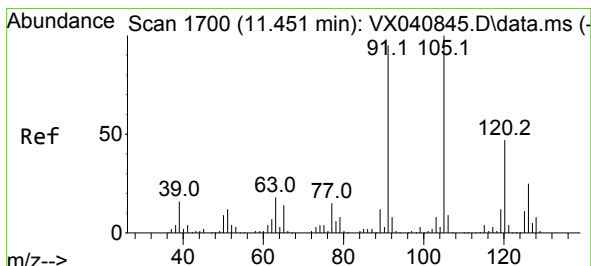
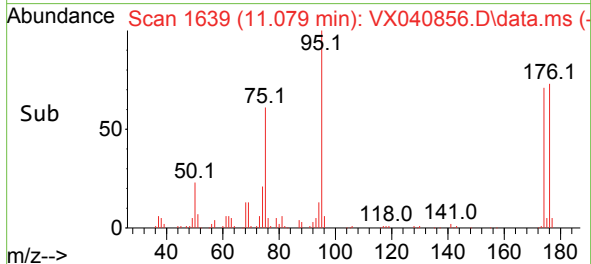
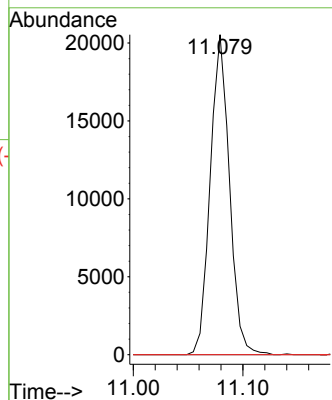
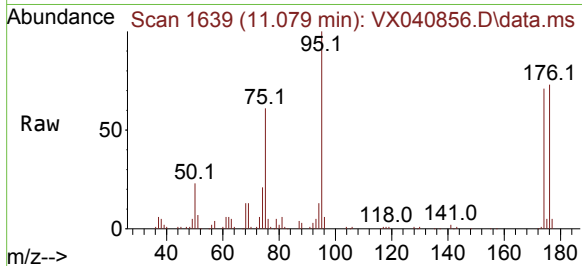




#81
trans-1,4-Dichloro-2-butene
Concen: 73.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

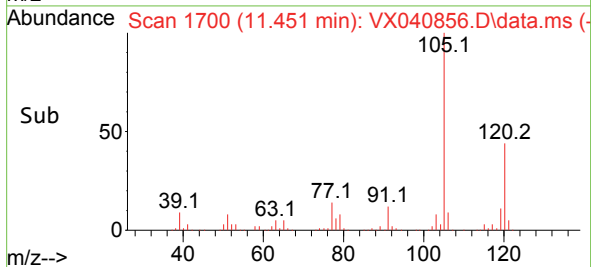
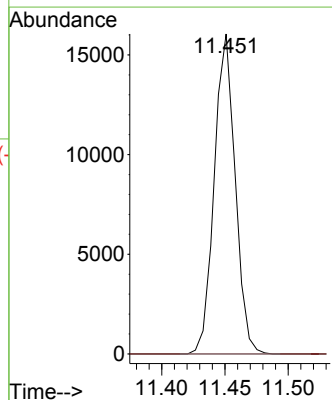
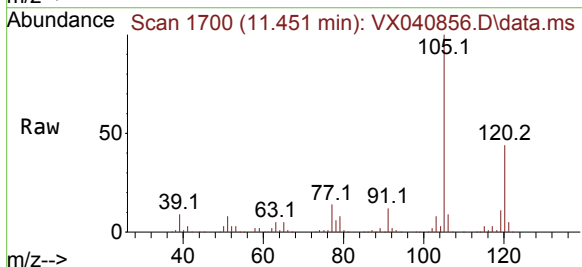
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

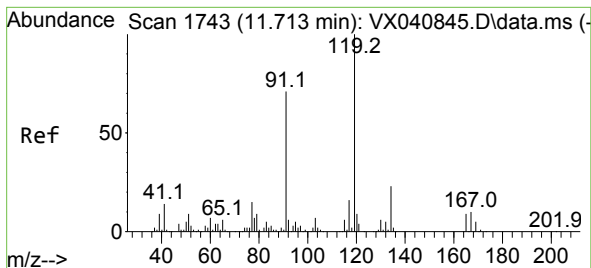
Tgt Ion: 75 Resp: 25006
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 6.926 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040856.D
Acq: 02 Apr 2024 11:39

Tgt Ion: 91 Resp: 18443
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 12.851 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

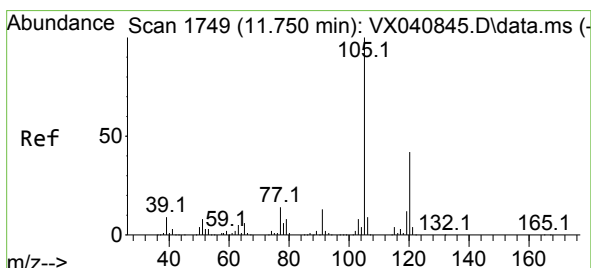
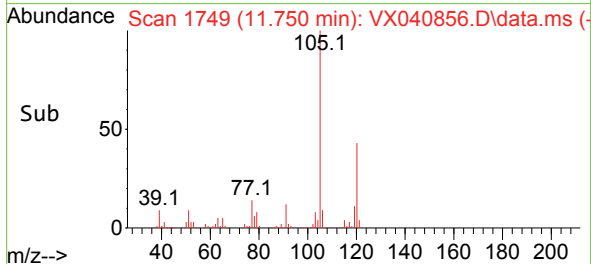
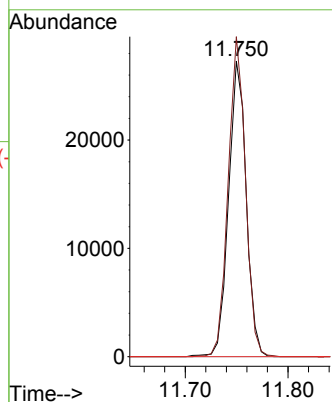
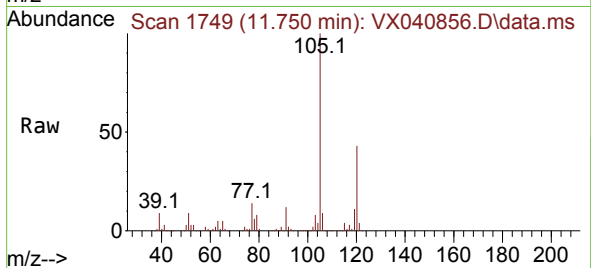
Tgt Ion:119 Resp: 32564

Ion Ratio Lower Upper

119 100

91 106.2 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 111.515 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040856.D

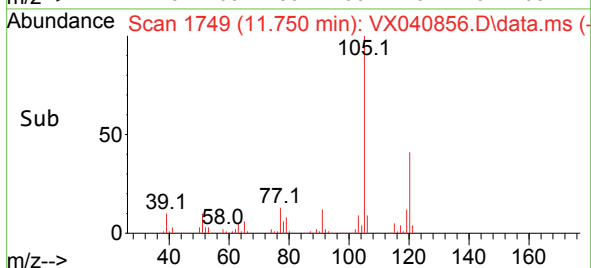
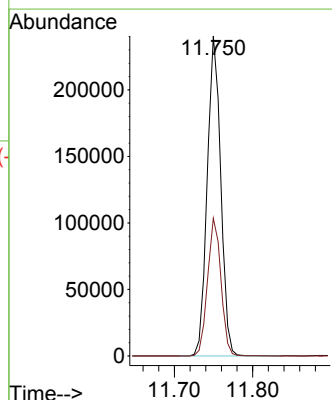
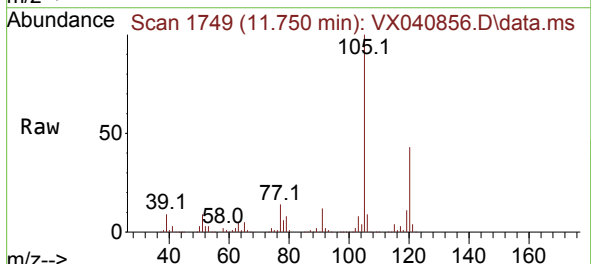
Acq: 02 Apr 2024 11:39

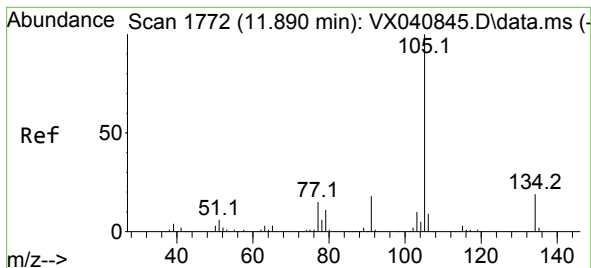
Tgt Ion:105 Resp: 286937

Ion Ratio Lower Upper

105 100

120 42.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 89.161 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

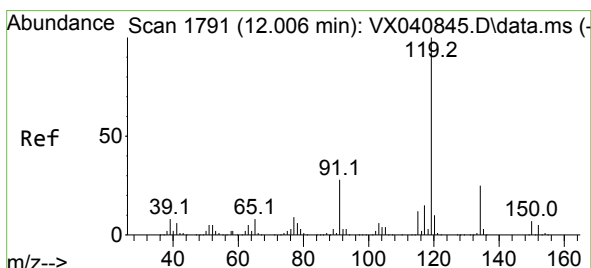
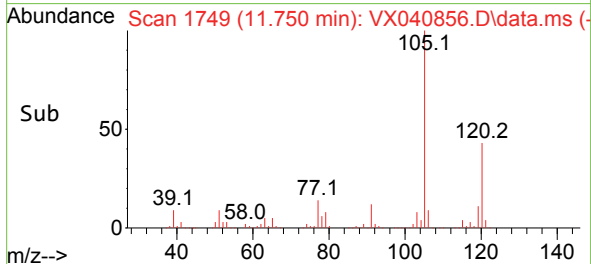
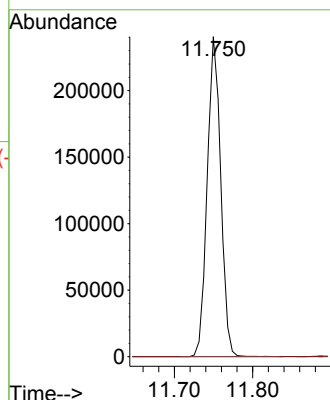
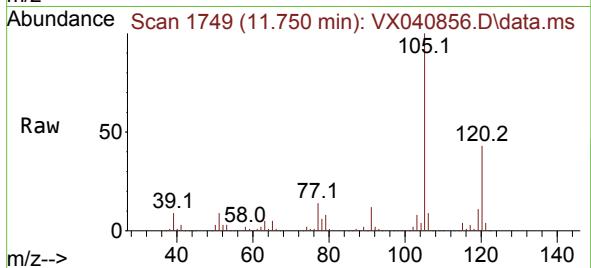
PT-VOA-WP

Tgt Ion:105 Resp: 286937

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 12.008 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.256 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

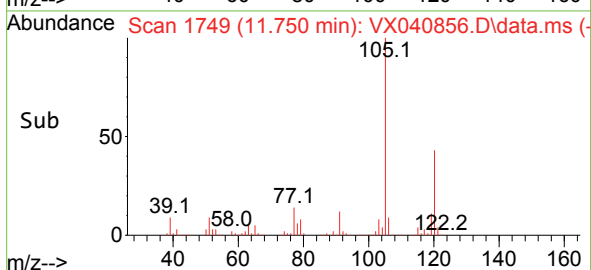
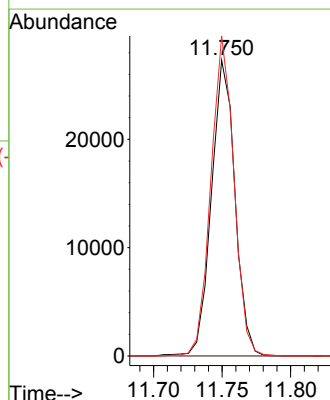
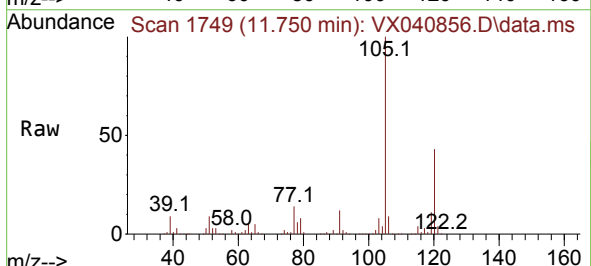
Tgt Ion:119 Resp: 32411

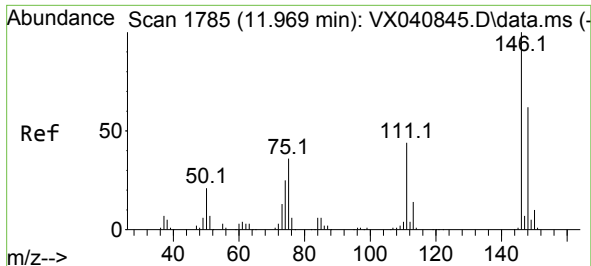
Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.3#

91 106.5 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 70.222 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

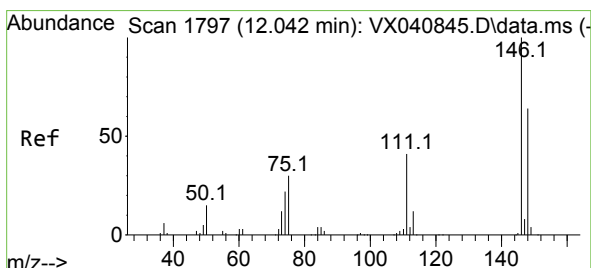
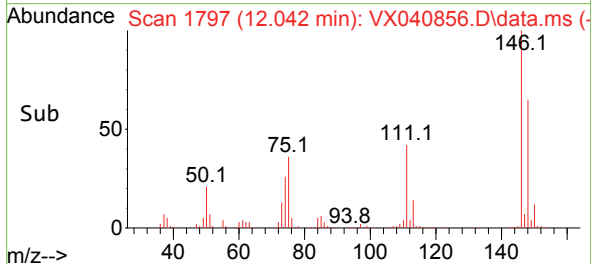
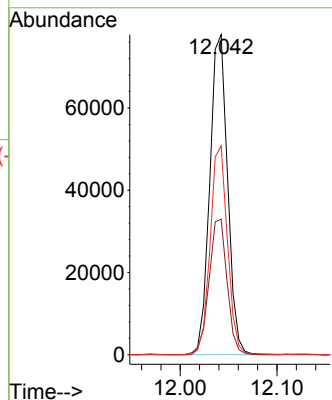
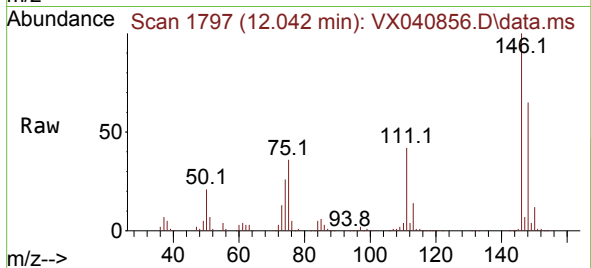
Tgt Ion:146 Resp: 99577

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 66.180 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

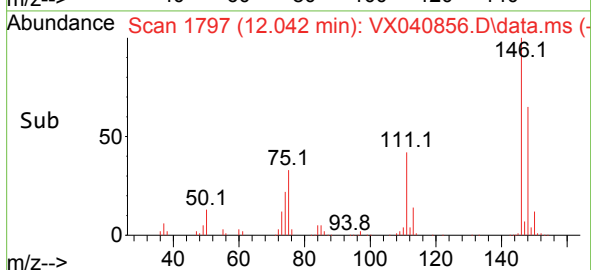
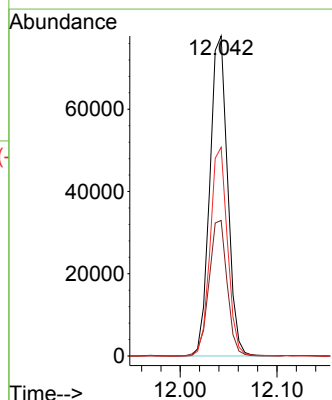
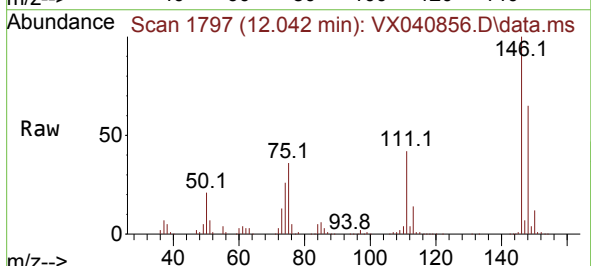
Tgt Ion:146 Resp: 99577

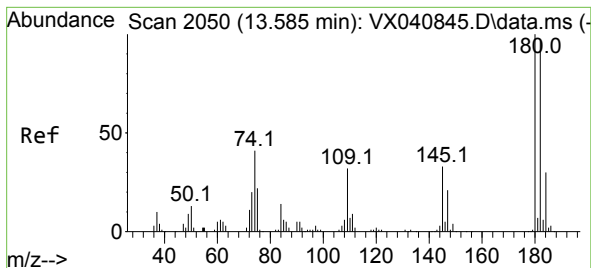
Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.7

148 63.7 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 132.743 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040856.D

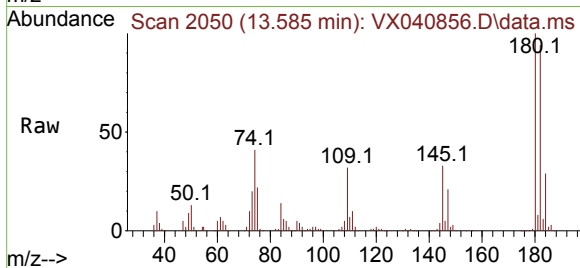
Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP



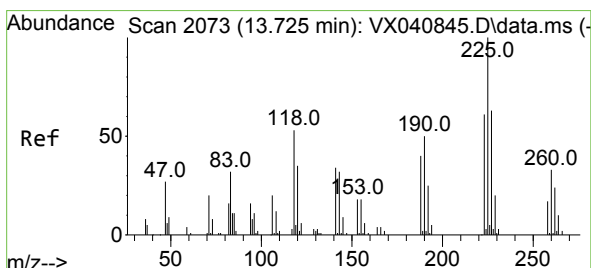
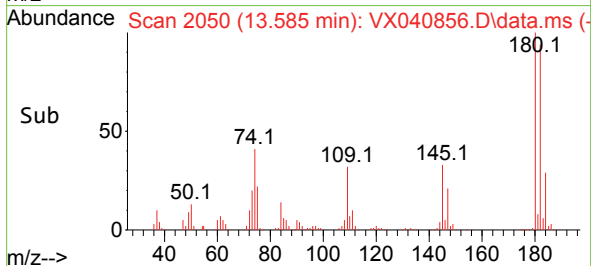
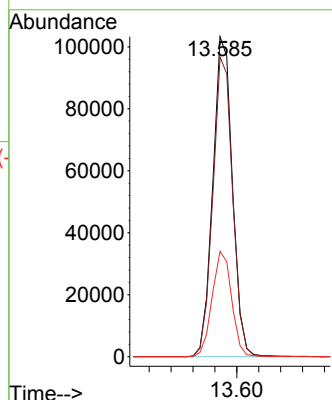
Tgt Ion:180 Resp: 127887

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

145 32.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.236 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

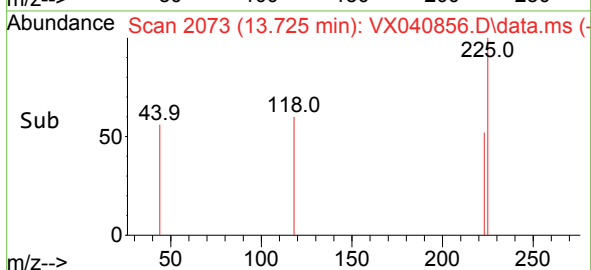
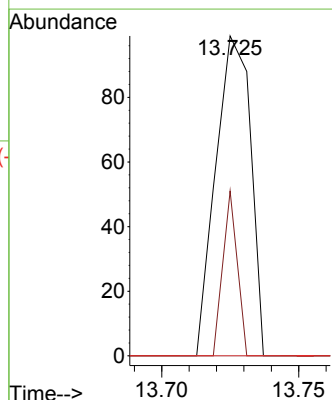
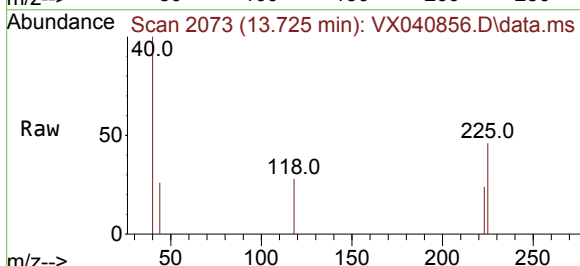
Tgt Ion:225 Resp: 87

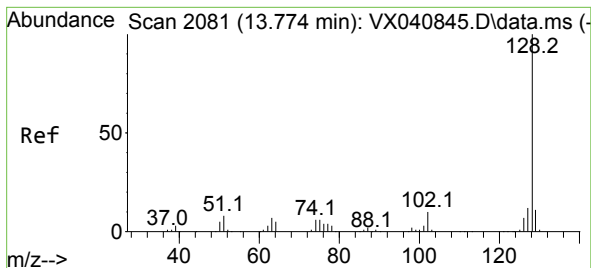
Ion Ratio Lower Upper

225 100

223 21.8 31.1 93.2#

227 0.0 32.5 97.5#





#95

Naphthalene

Concen: 44.143 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

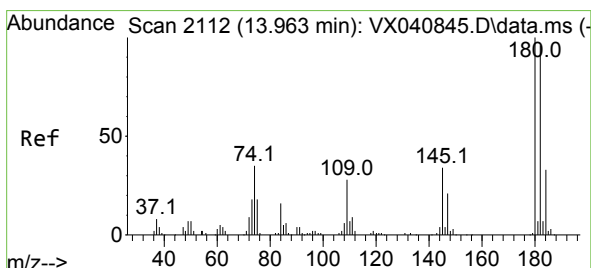
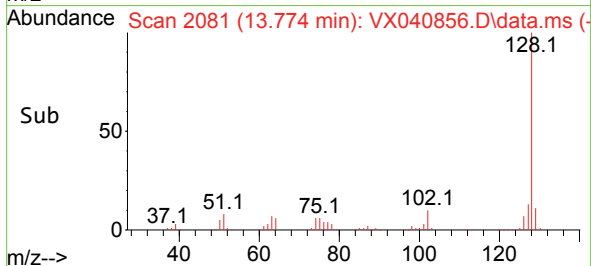
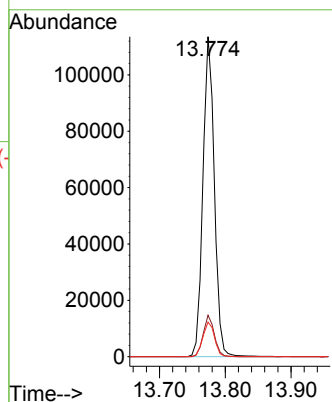
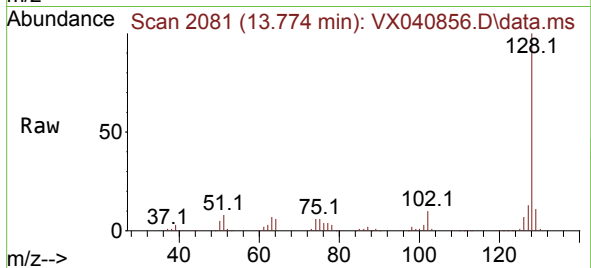
Tgt Ion:128 Resp: 136936

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.656 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040856.D

Acq: 02 Apr 2024 11:39

Tgt Ion:180 Resp: 603

Ion Ratio Lower Upper

180 100

182 96.4 46.9 140.6

145 25.5 17.8 53.5

