

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032850.D
 Acq On : 16 Nov 2022 06:57
 Operator : JC/MD
 Sample : N5640-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-5

Quant Time: Nov 16 08:07:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

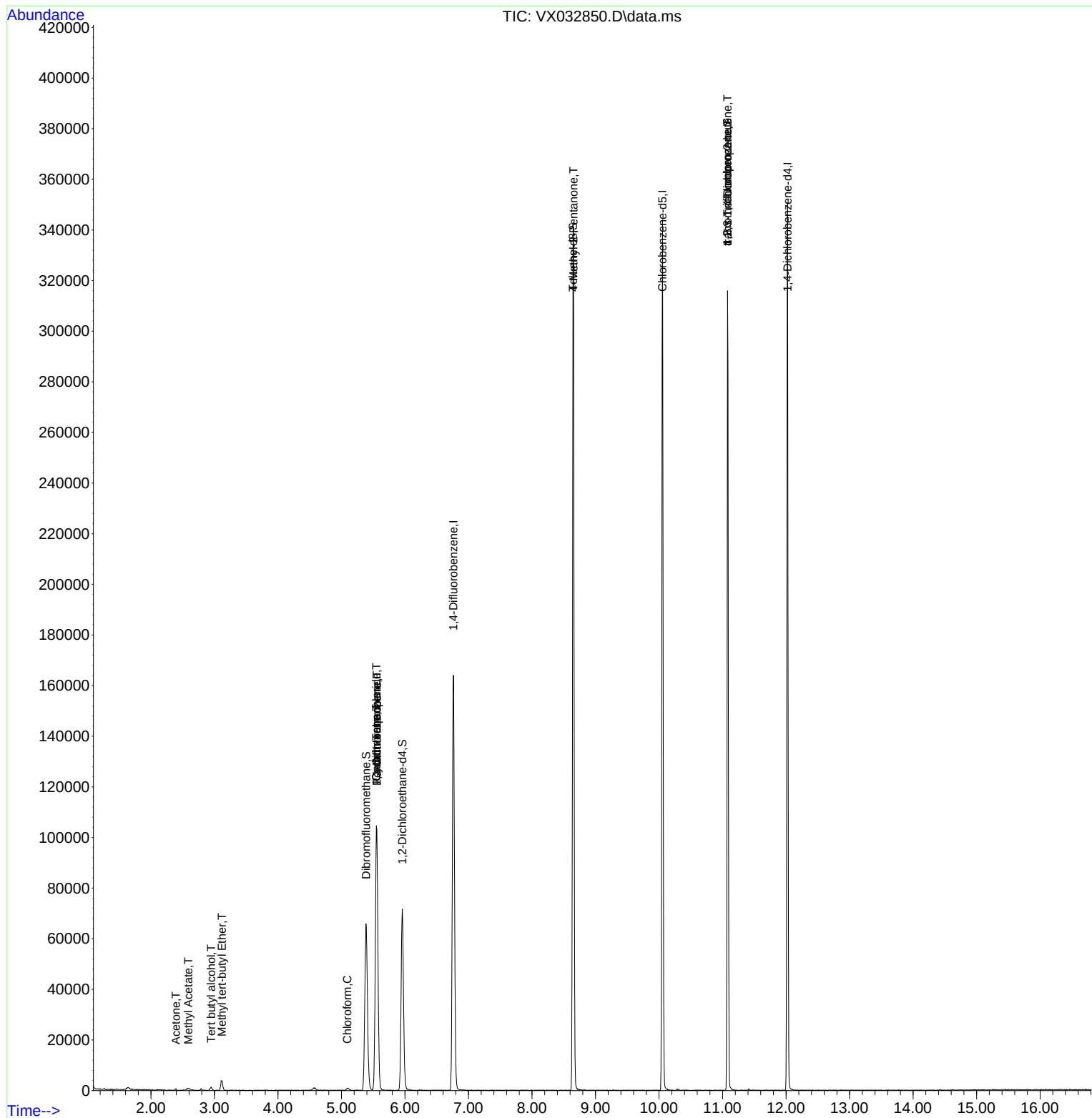
Internal Standards						
1) Pentafluorobenzene	5.556	168	100113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70752	50.862	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.720%	
35) Dibromofluoromethane	5.385	113	56612	47.363	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.720%	
50) Toluene-d8	8.647	98	207628	49.956	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.920%	
62) 4-Bromofluorobenzene	11.079	95	78674	48.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	738	3.645	ug/l #	72
16) Acetone	2.392	43	648	1.282	ug/l #	82
18) Methyl Acetate	2.587	43	554	0.337	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	4581	1.298	ug/l	91
30) Chloroform	5.093	83	1210	0.554	ug/l	95
31) Cyclohexane	5.550	56	2251	1.335	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	7646	4.594	ug/l #	45
38) Carbon Tetrachloride	5.550	117	10275	5.566	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	872	0.520	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43300	26.931	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43300	85.695	ug/l #	6

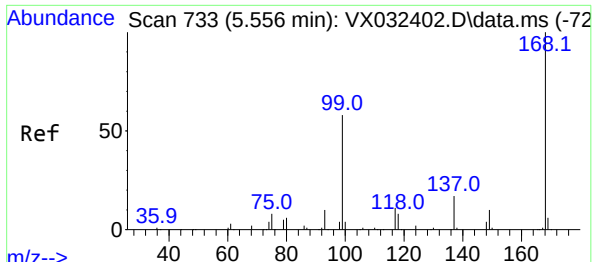
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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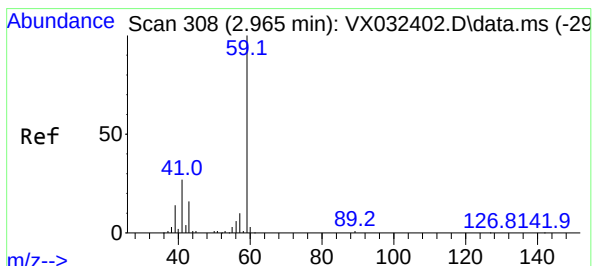
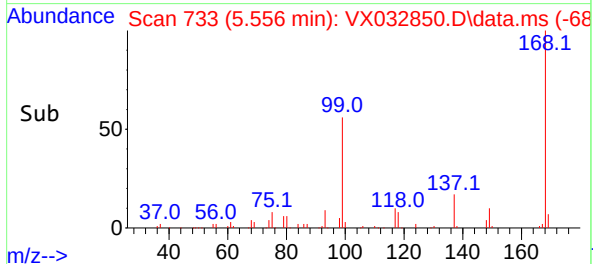
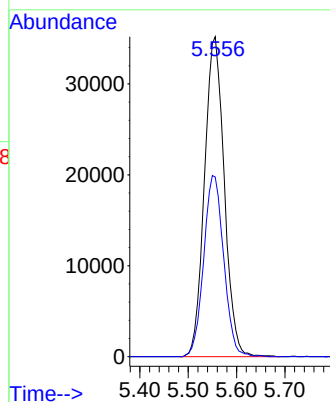
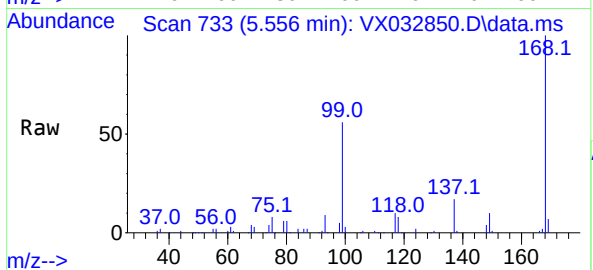




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

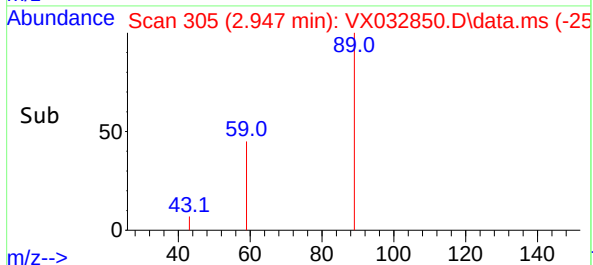
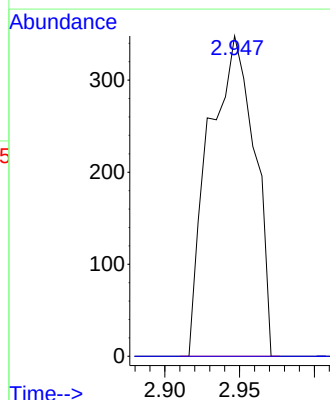
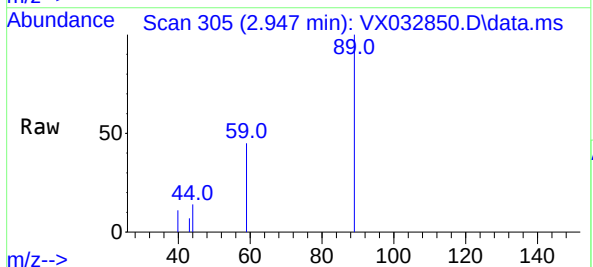
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

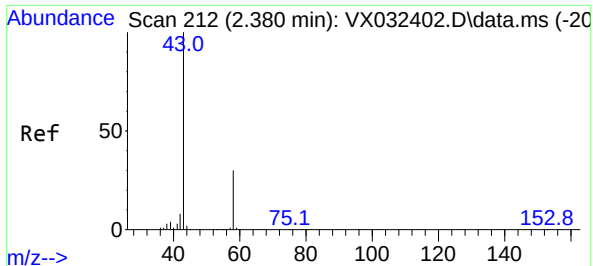
Tgt Ion:168 Resp: 100113
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.645 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 59 Resp: 738
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

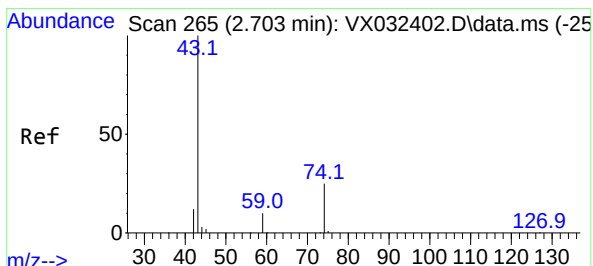
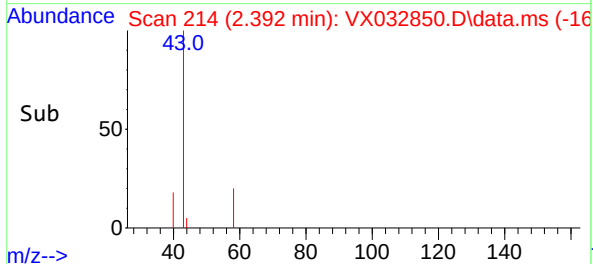
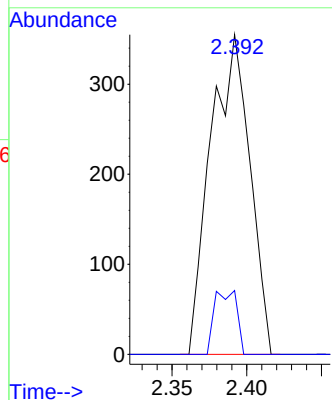
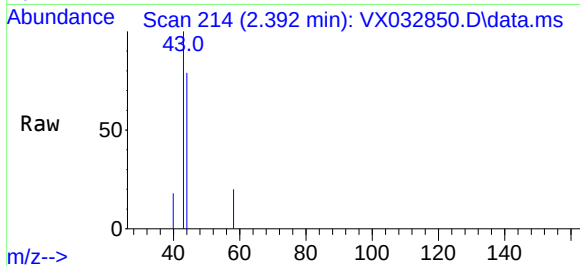




#16
Acetone
Concen: 1.282 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

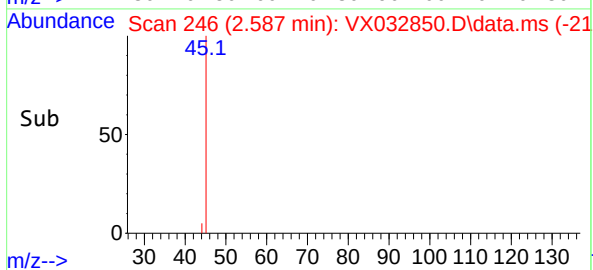
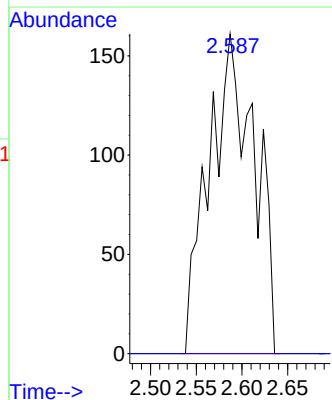
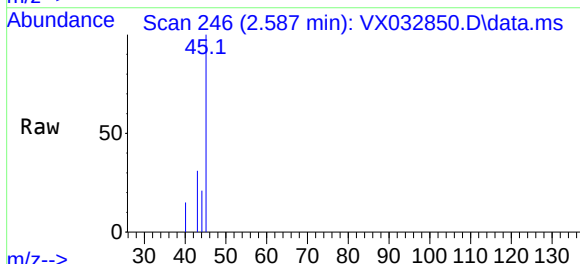
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

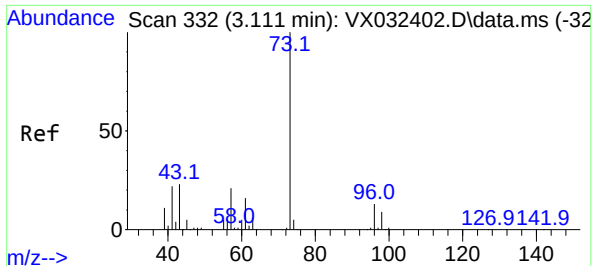
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 20.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 2.587 min Scan# 246
Delta R.T. -0.116 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

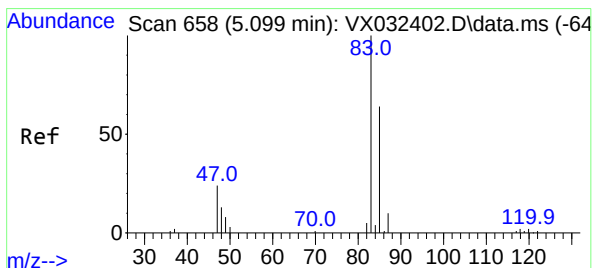
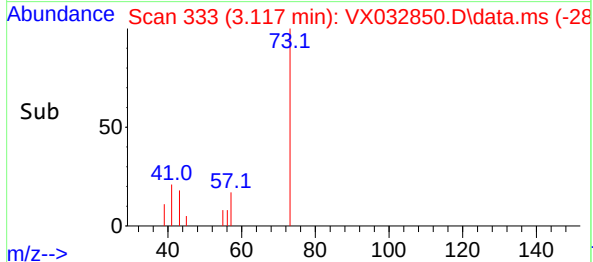
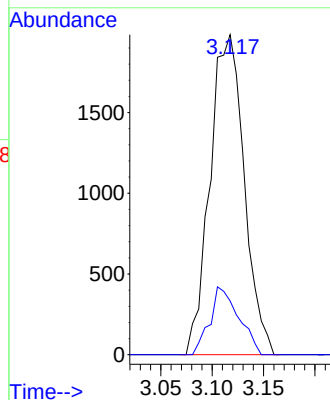
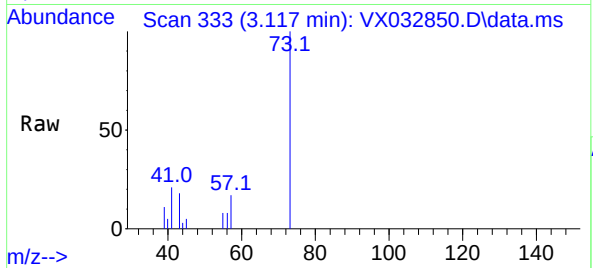




#19
Methyl tert-butyl Ether
Concen: 1.298 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

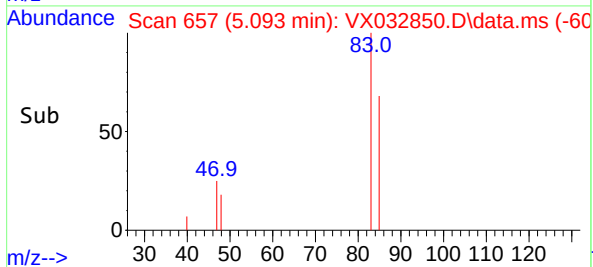
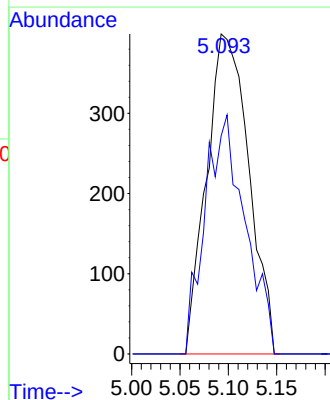
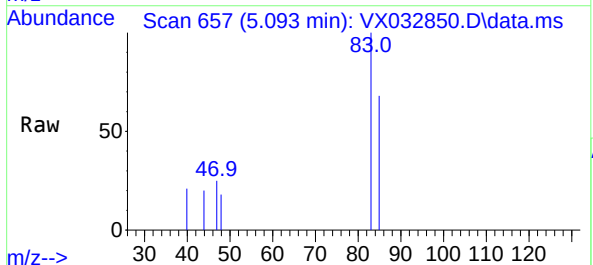
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

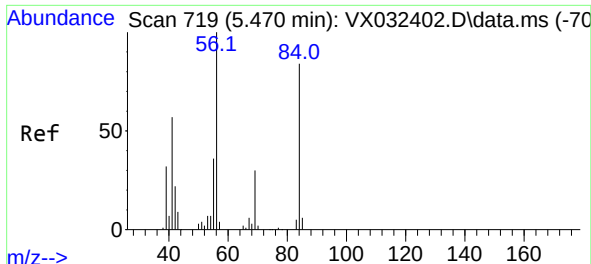
Tgt Ion: 73 Resp: 4581
Ion Ratio Lower Upper
73 100
57 16.8 16.6 25.0



#30
Chloroform
Concen: 0.554 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 83 Resp: 1210
Ion Ratio Lower Upper
83 100
85 68.2 51.1 76.7

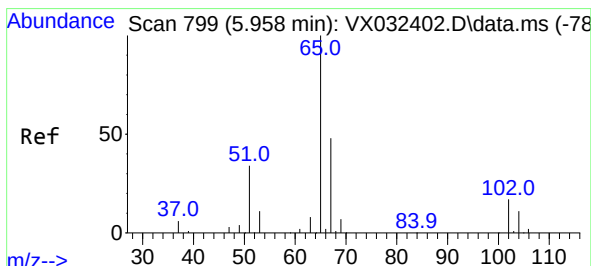
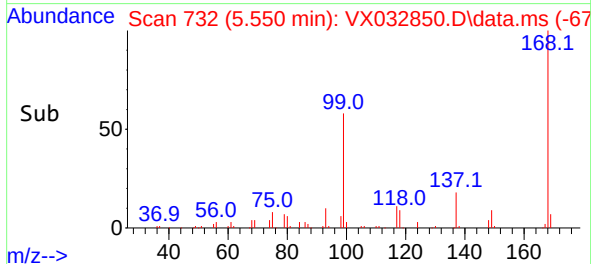
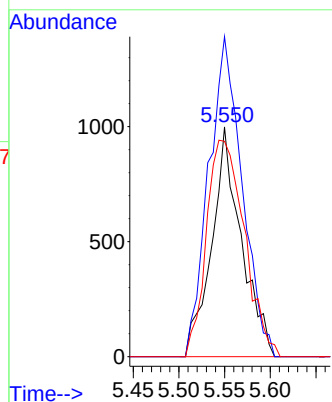
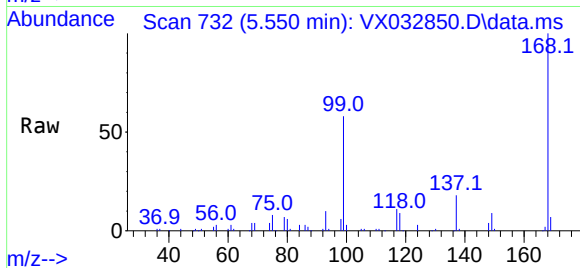




#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

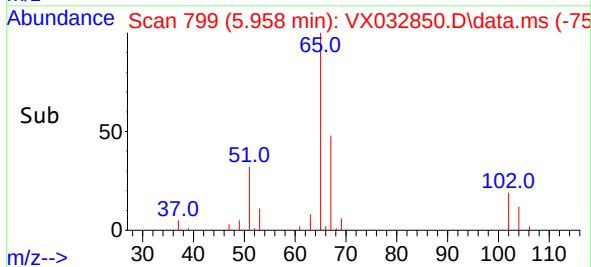
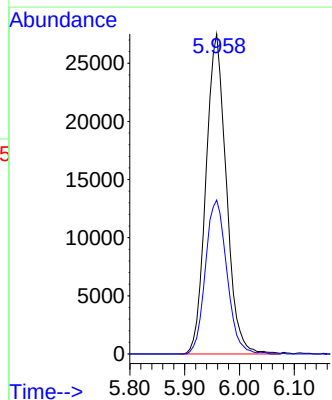
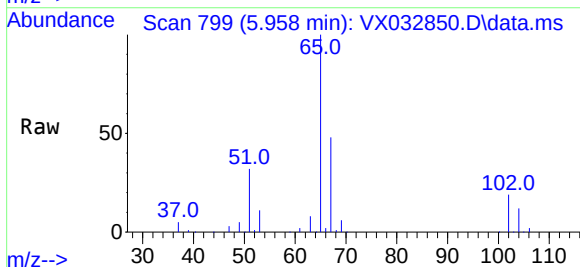
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

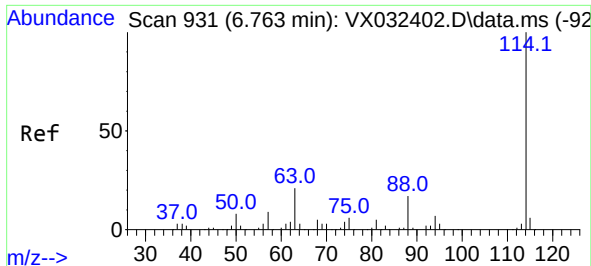
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 139.2 24.1 36.1#
84 93.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.862 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 65 Resp: 70752
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

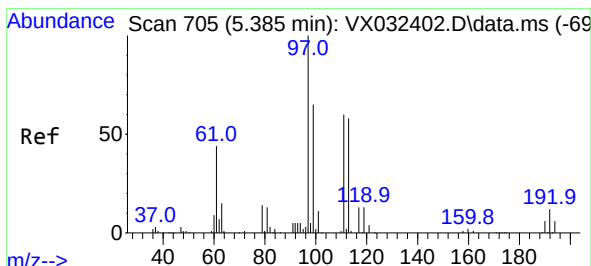
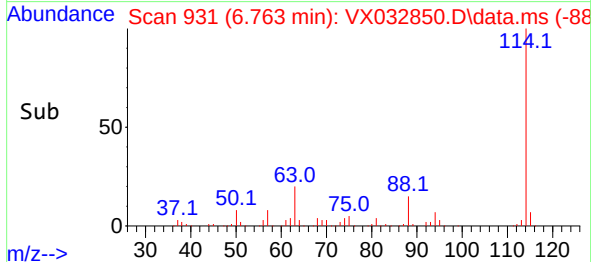
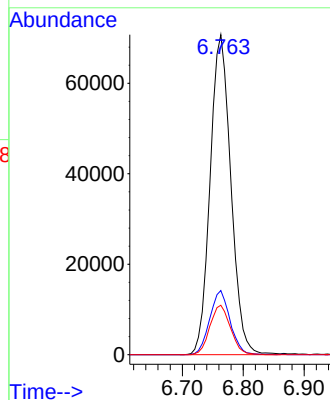
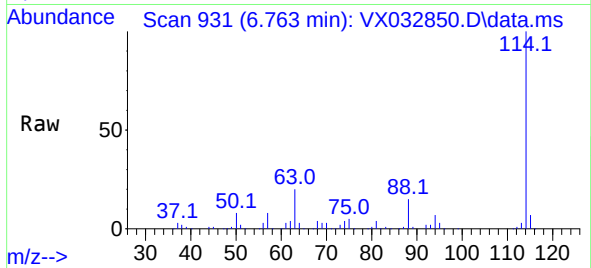




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

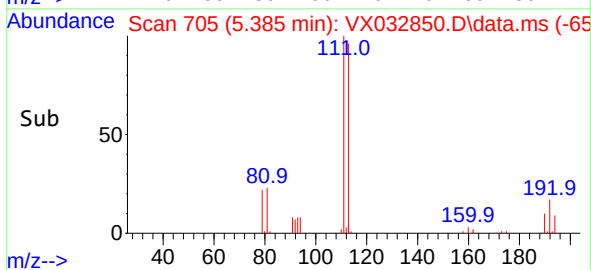
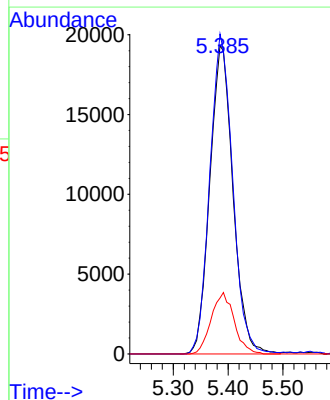
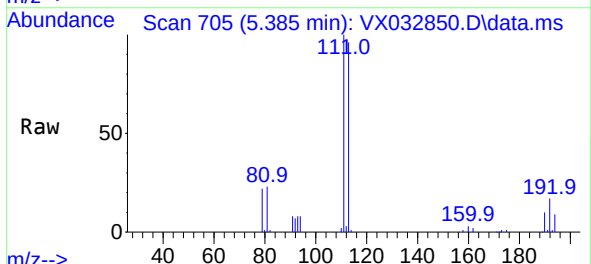
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

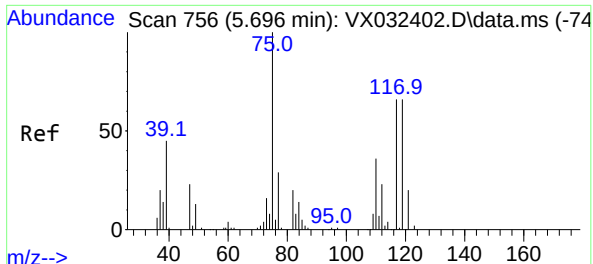
Tgt Ion:114 Resp: 167567
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.363 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion:113 Resp: 56612
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.8 15.4 23.2

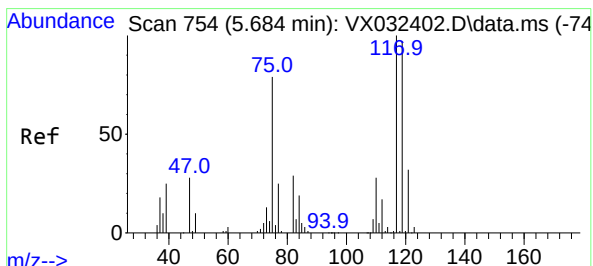
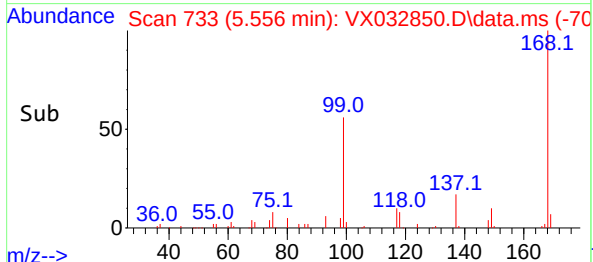
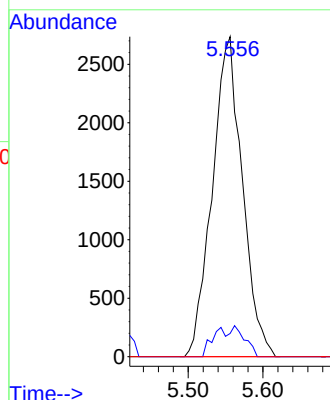
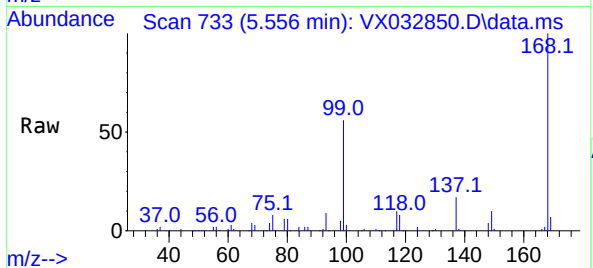




#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

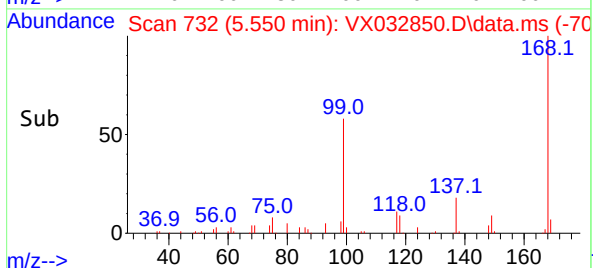
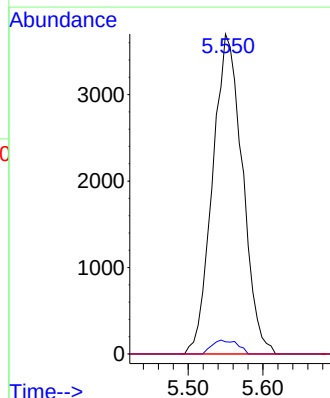
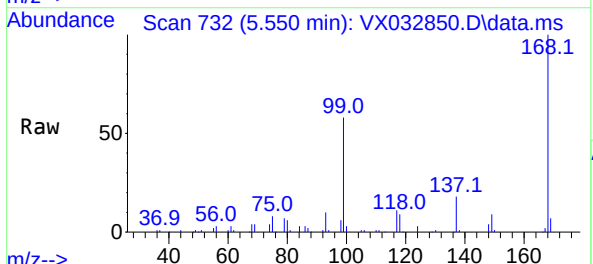
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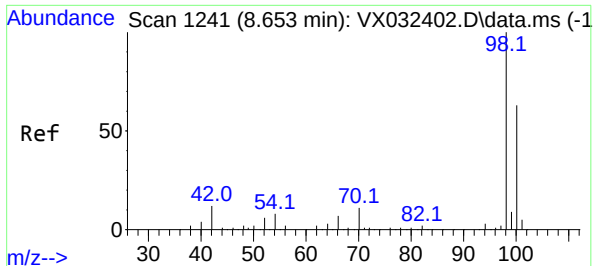
Tgt Ion: 75 Resp: 7646
Ion Ratio Lower Upper
75 100
110 4.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 117 Resp: 10275
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#

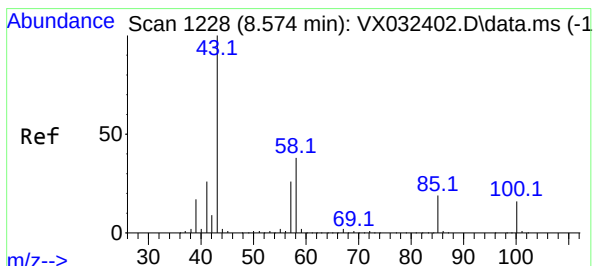
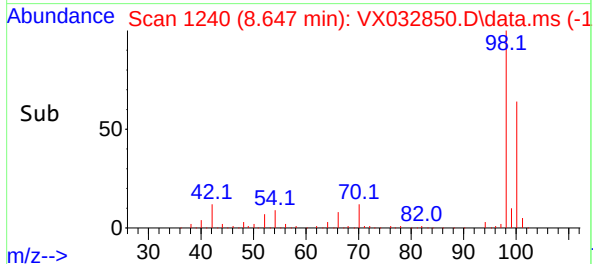
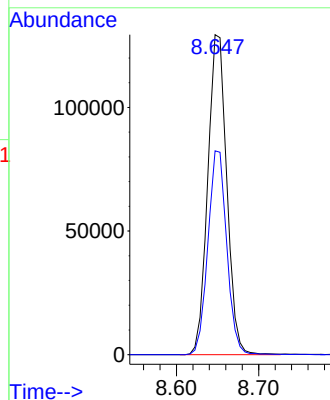
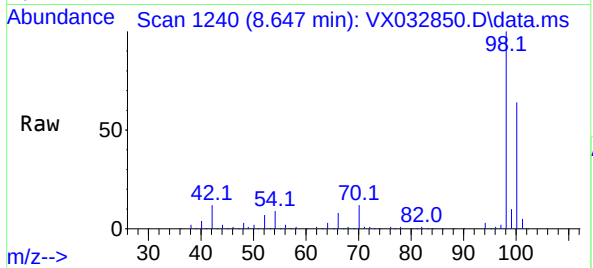




#50
Toluene-d8
Concen: 49.956 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

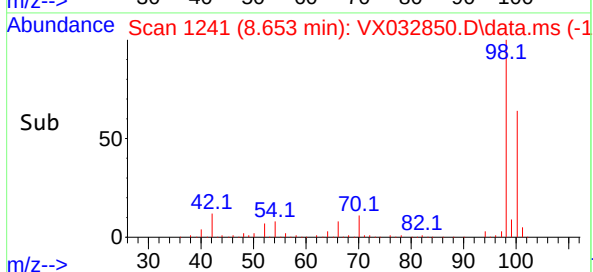
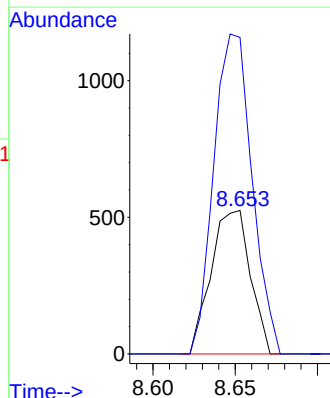
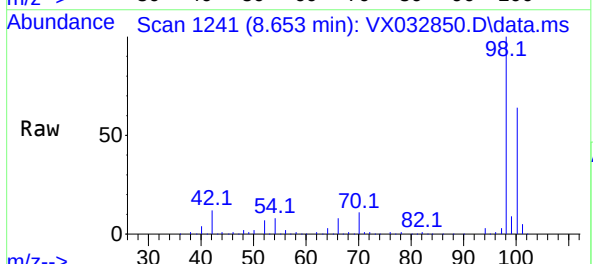
Instrument :
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PZ-5

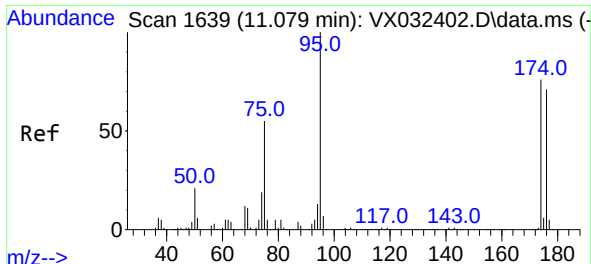
Tgt Ion: 98 Resp: 207628
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 217.5 30.9 46.3#

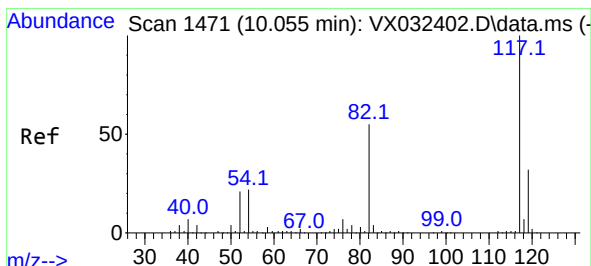
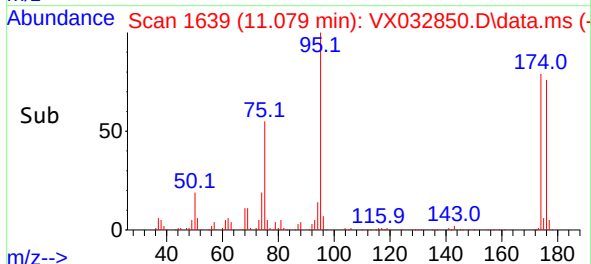
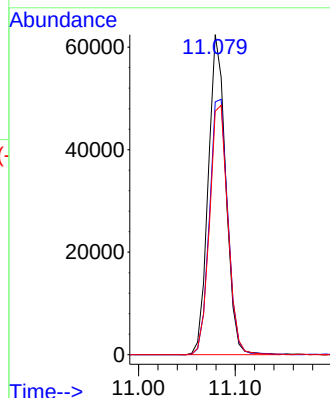
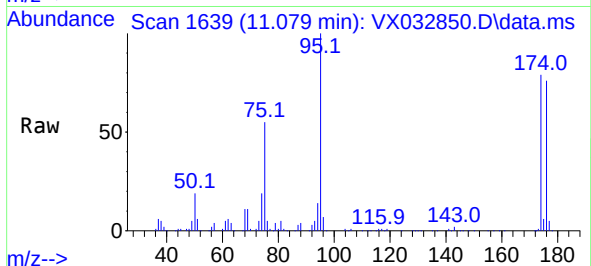




#62
4-Bromofluorobenzene
Concen: 48.459 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

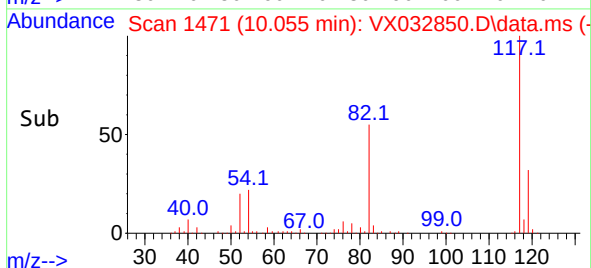
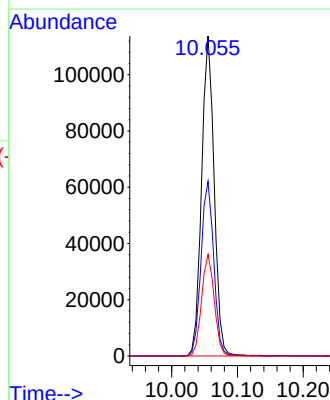
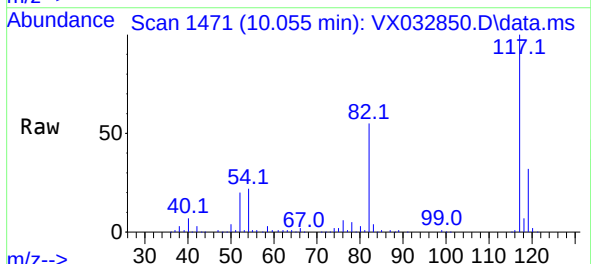
Instrument :
MSVOA_X
ClientSampleId :
PZ-5

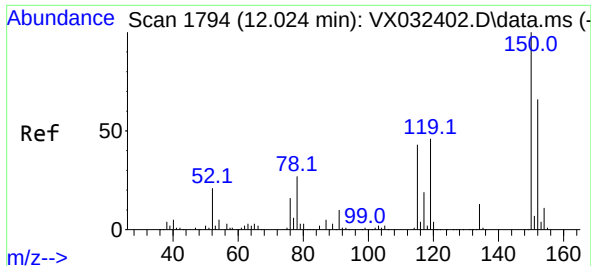
Tgt Ion: 95 Resp: 78674
Ion Ratio Lower Upper
95 100
174 83.9 0.0 164.0
176 81.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Tgt Ion: 117 Resp: 150649
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.8 25.7 38.5

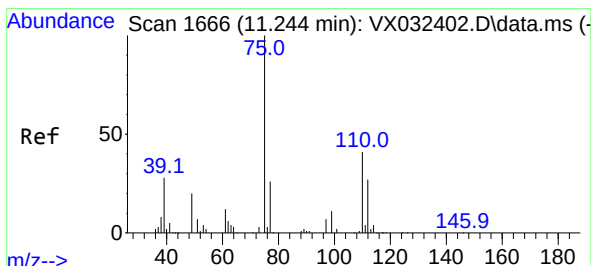
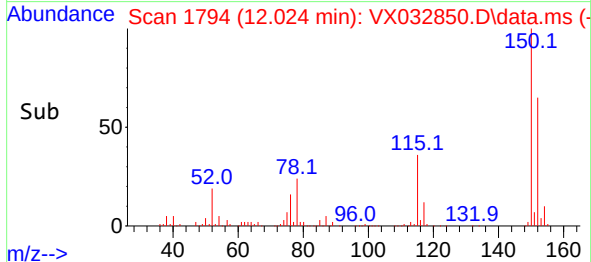
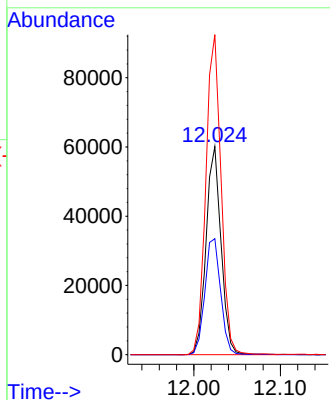
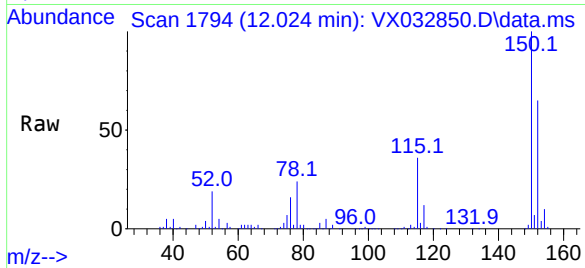




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032850.D
 Acq: 16 Nov 2022 06:57

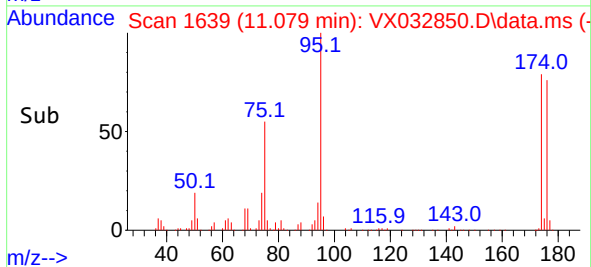
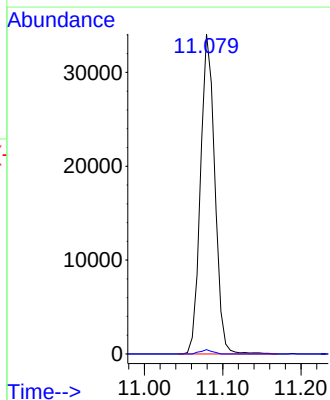
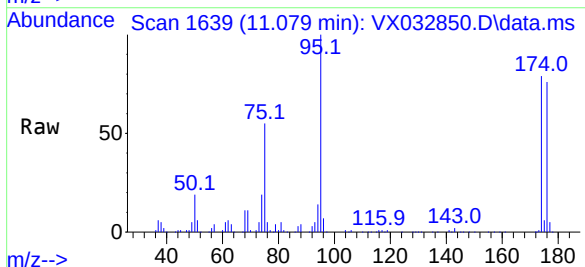
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-5

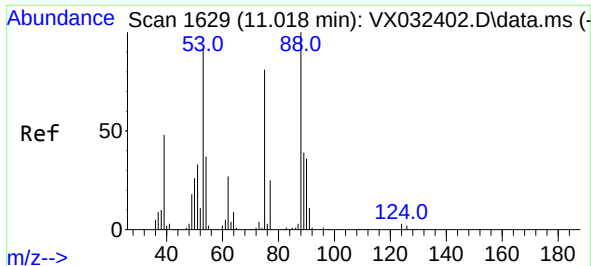
Tgt Ion:152 Resp: 72269
 Ion Ratio Lower Upper
 152 100
 115 58.9 44.0 132.0
 150 155.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.931 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032850.D
 Acq: 16 Nov 2022 06:57

Tgt Ion: 75 Resp: 43300
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.695 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032850.D
Acq: 16 Nov 2022 06:57

Instrument :
MSVOA_X
ClientSampleId :
PZ-5

Tgt Ion: 75 Resp: 43300
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

