

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029576.D
 Acq On : 18 Jun 2022 17:46
 Operator : JC/MD
 Sample : N3325-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Jun 20 01:35:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	270128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	460228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172854	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158775	44.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.800%
35) Dibromofluoromethane	5.391	113	136139	45.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.652	98	516492	47.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.280%
62) 4-Bromofluorobenzene	11.085	95	186789	45.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%

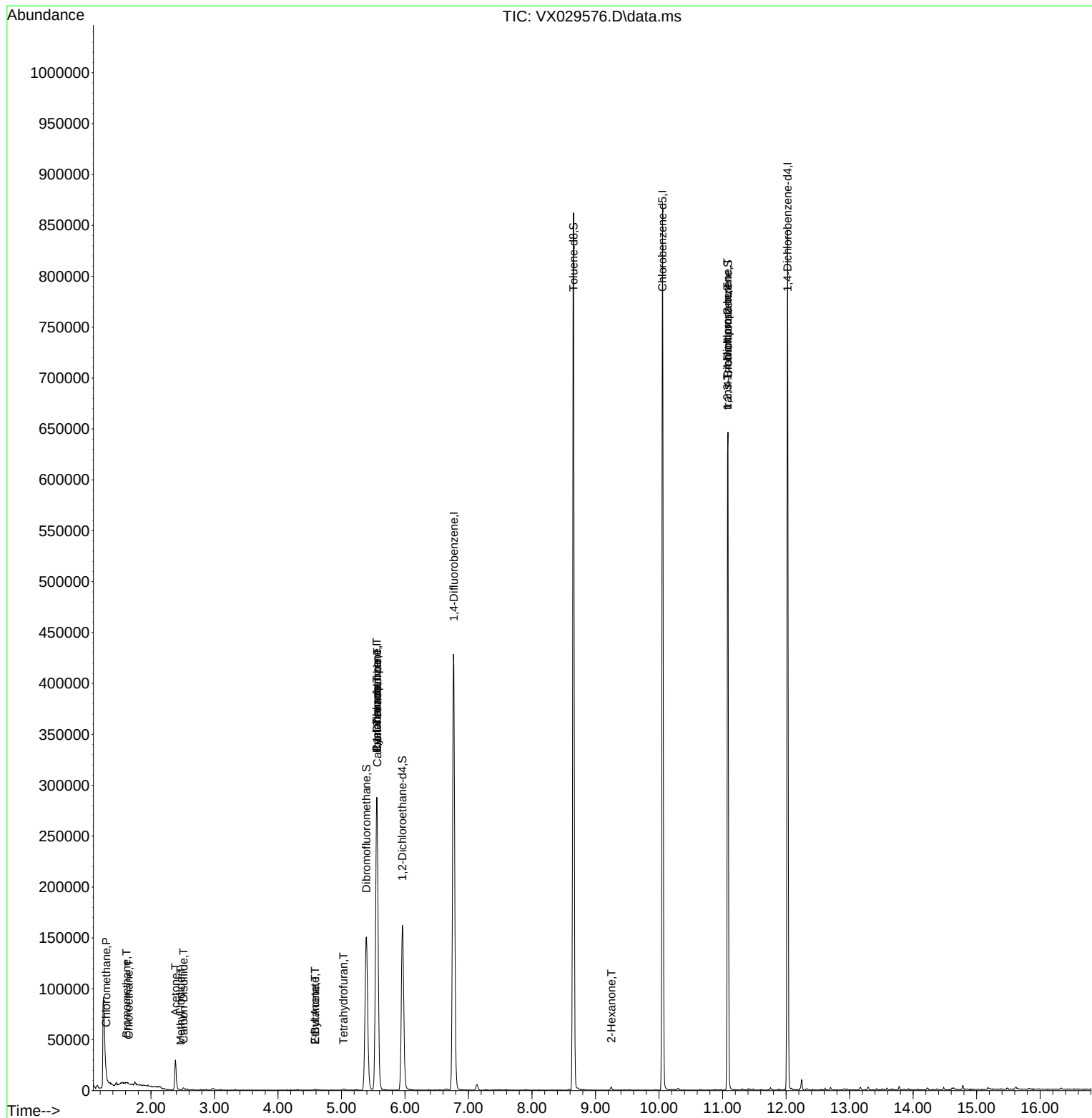
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	1451	0.412	ug/l #	85
5) Bromomethane	1.617	94	634	0.383	ug/l	85
6) Chloroethane	1.648	64	1599	1.906	ug/l #	43
10) Methyl Iodide	2.465	142	561	3.181	ug/l #	84
11) Tert butyl alcohol	2.977	59	2705	Below Cal	#	80
16) Acetone	2.385	43	30740	21.568	ug/l	99
17) Carbon Disulfide	2.513	76	2874	0.405	ug/l #	80
25) 2-Butanone	4.586	43	2042	0.906	ug/l	96
29) Tetrahydrofuran	5.031	42	1116	0.743	ug/l #	67
31) Cyclohexane	5.555	56	5016	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	20514	5.054	ug/l #	50
37) Ethyl Acetate	4.586	43	2042	0.491	ug/l #	65
38) Carbon Tetrachloride	5.562	117	28399	7.114	ug/l #	17
44) Trichloroethene	7.134	130	2489	Below Cal		86
59) 2-Hexanone	9.250	43	1964	0.622	ug/l	63
76) 1,2,3-Trichloropropane	11.079	75	91386	24.269	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	91386	80.735	ug/l #	15

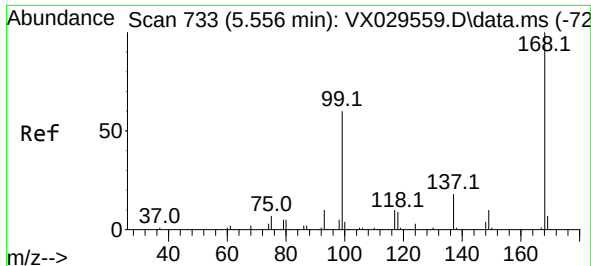
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 01:35:23 2022
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Quant Title : SW846 8260
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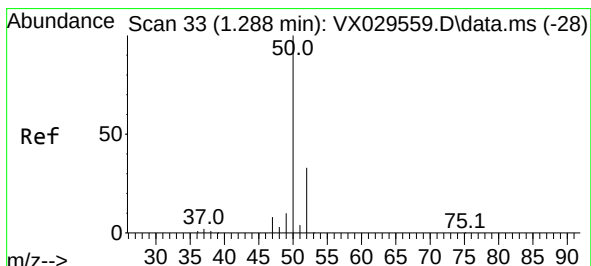
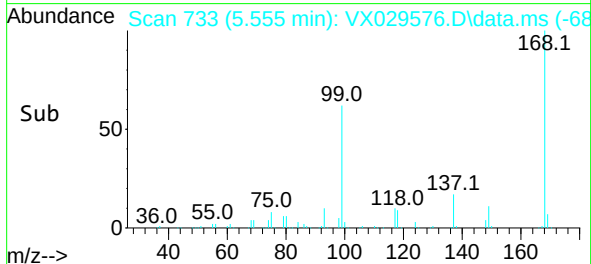
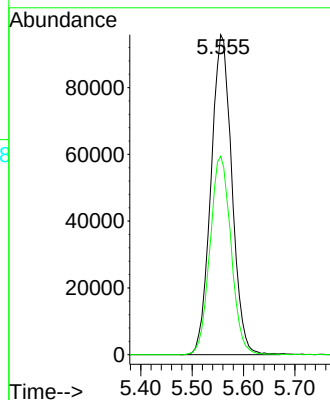
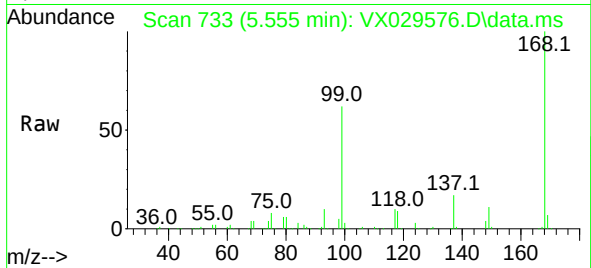




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

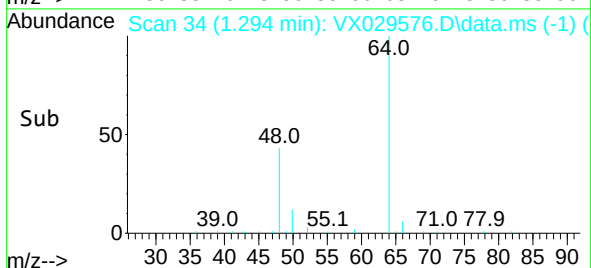
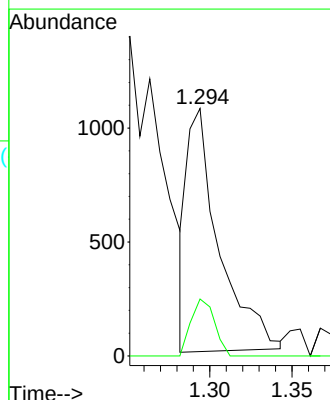
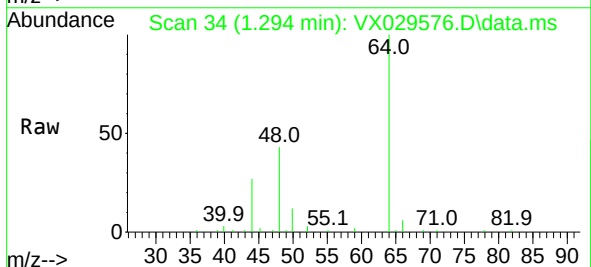
Instrument :
MSVOA_X
ClientSampleId :
MW-25

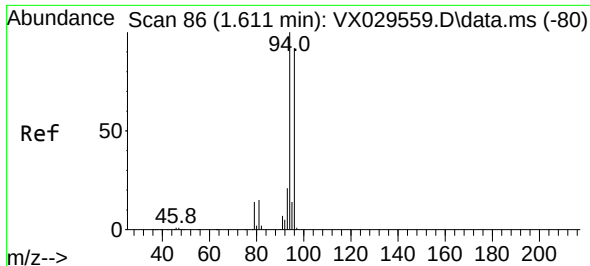
Tgt Ion:168 Resp: 270128
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#3
Chloromethane
Concen: 0.412 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 50 Resp: 1451
Ion Ratio Lower Upper
50 100
52 24.5 26.4 39.6#

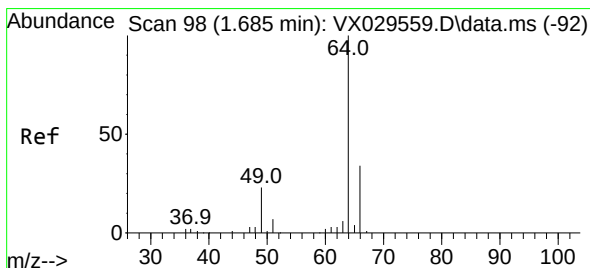
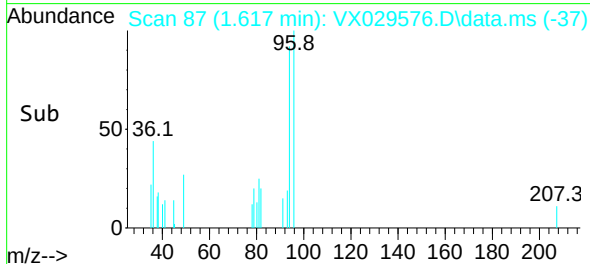
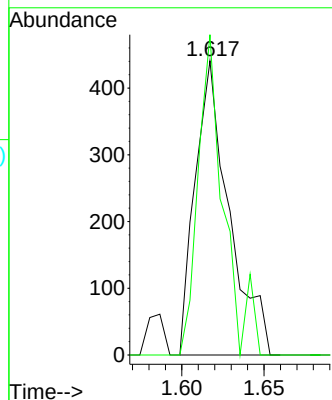
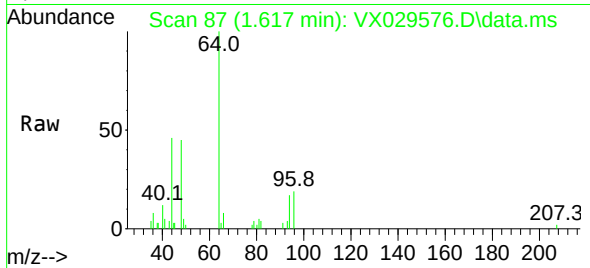




#5
Bromomethane
Concen: 0.383 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

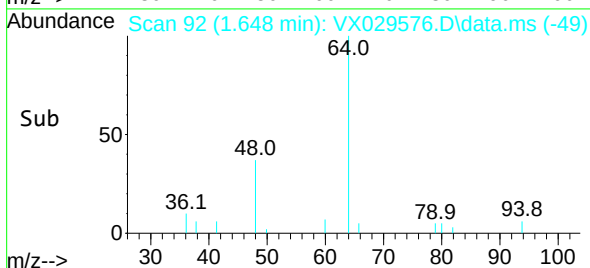
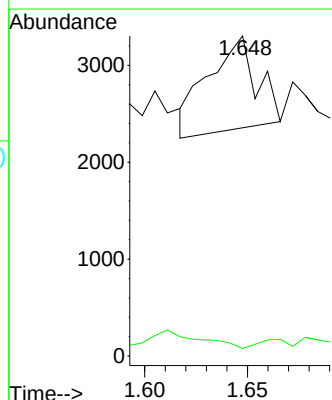
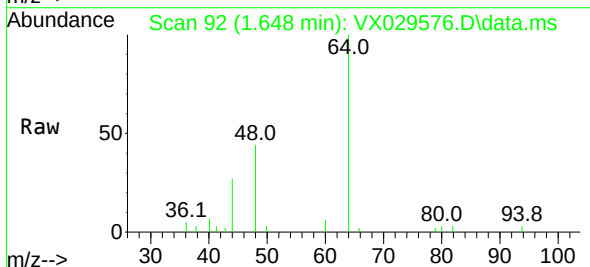
Instrument :
MSVOA_X
ClientSampleId :
MW-25

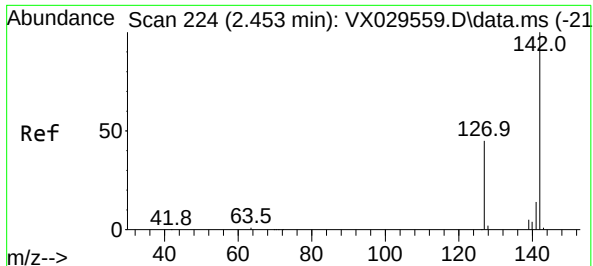
Tgt Ion: 94 Resp: 634
Ion Ratio Lower Upper
94 100
96 108.8 75.3 112.9



#6
Chloroethane
Concen: 1.906 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.037 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 64 Resp: 1599
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

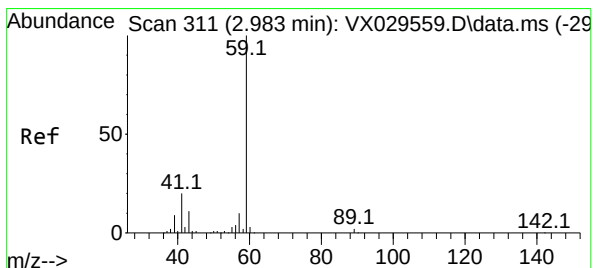
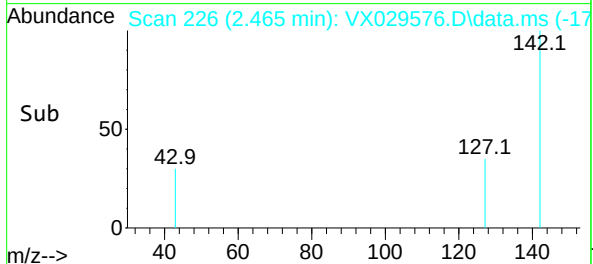
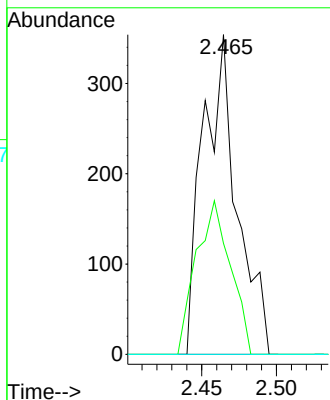
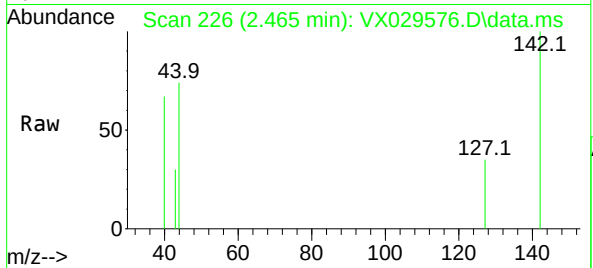




#10
Methyl Iodide
Concen: 3.181 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

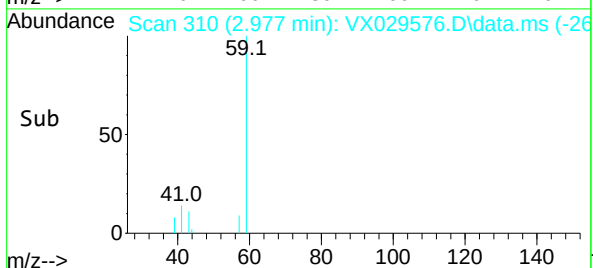
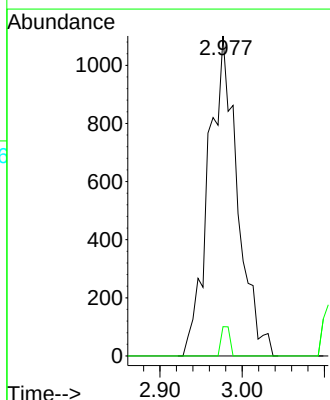
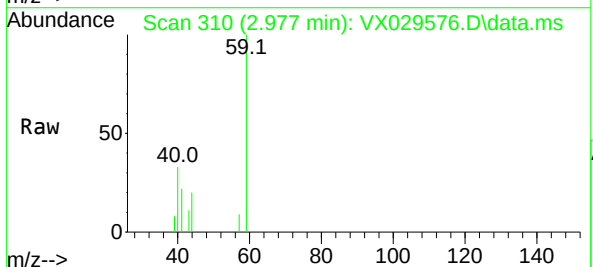
Instrument :
MSVOA_X
ClientSampleId :
MW-25

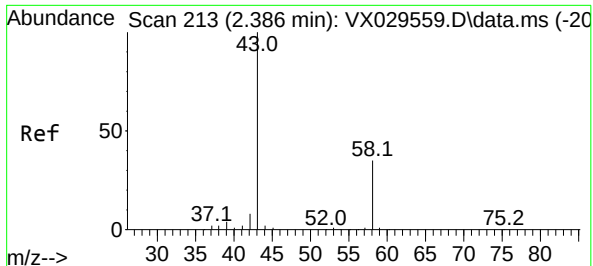
Tgt Ion:142 Resp: 561
Ion Ratio Lower Upper
142 100
127 48.3 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 59 Resp: 2705
Ion Ratio Lower Upper
59 100
57 2.7 8.3 12.5#

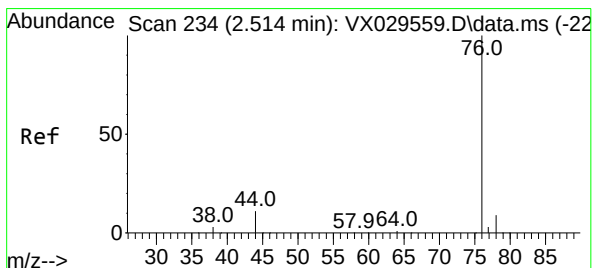
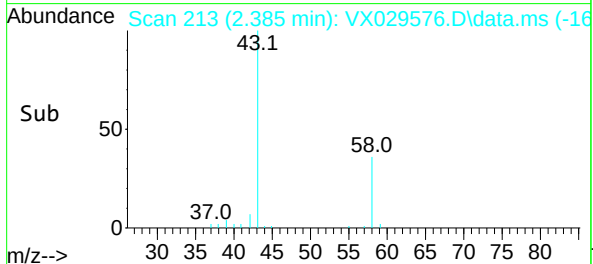
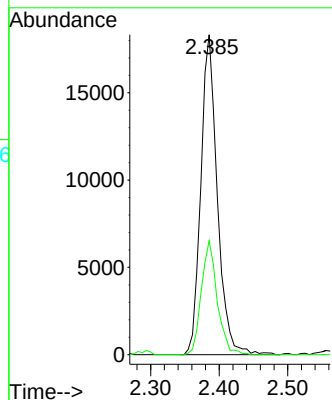
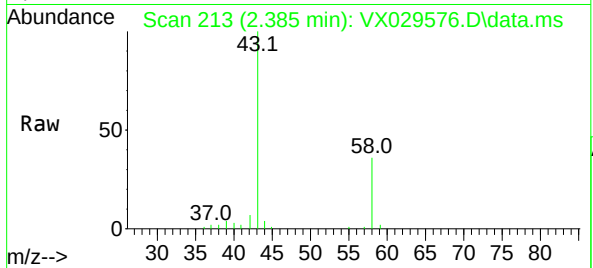




#16
Acetone
Concen: 21.568 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

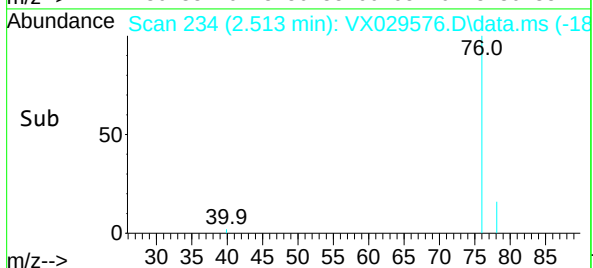
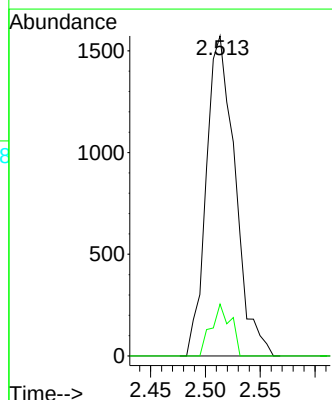
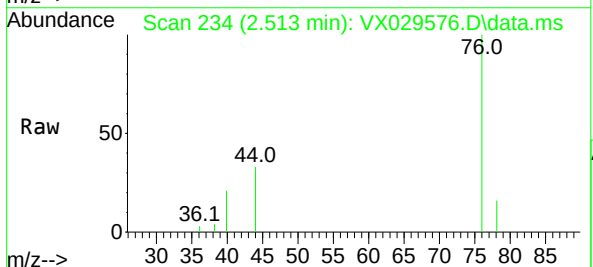
Instrument :
MSVOA_X
ClientSampleId :
MW-25

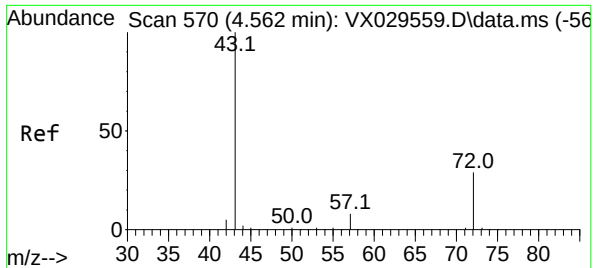
Tgt Ion: 43 Resp: 30740
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.405 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 76 Resp: 2874
Ion Ratio Lower Upper
76 100
78 16.2 7.2 10.8#

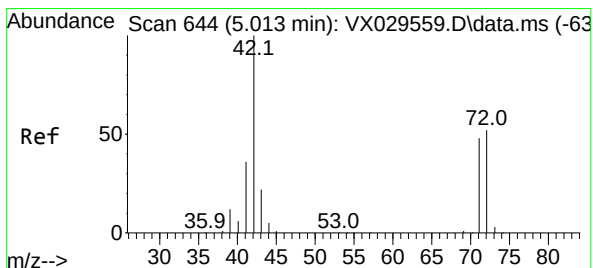
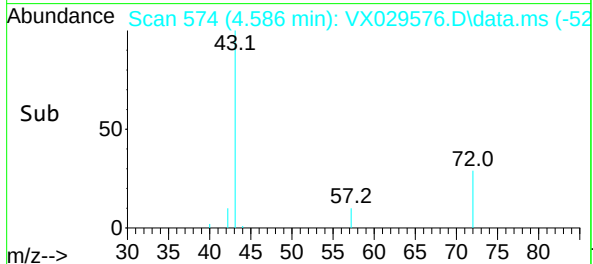
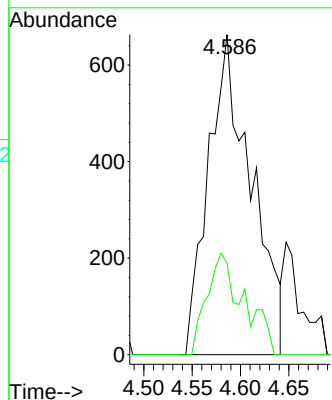
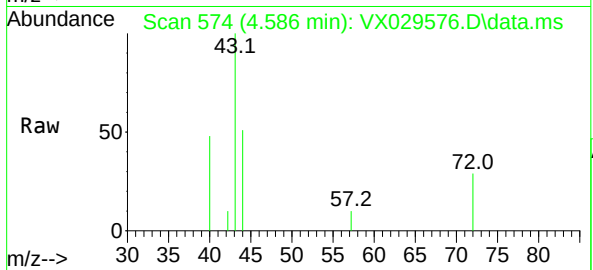




#25
2-Butanone
Concen: 0.906 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

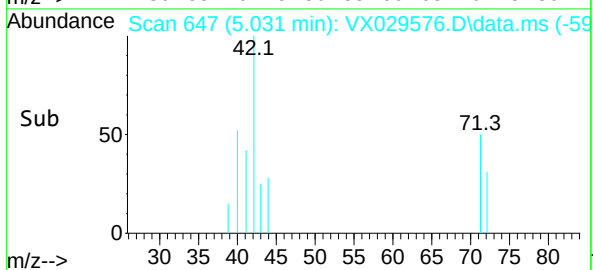
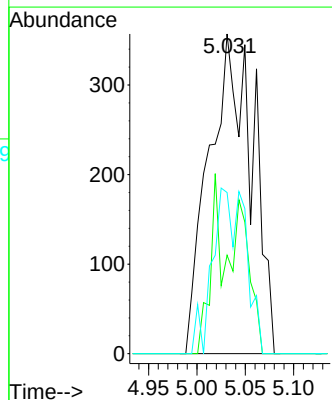
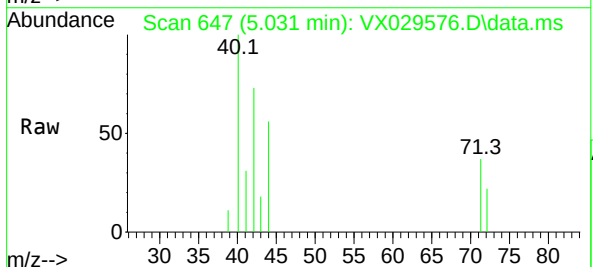
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MSVOA_X
ClientSampleId :
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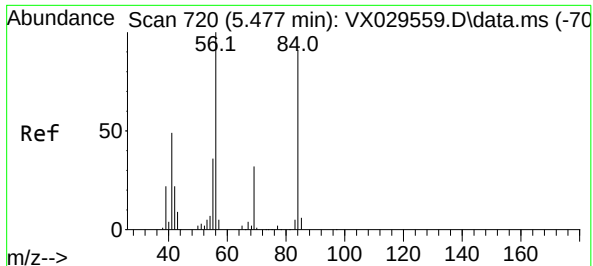
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
72 28.5 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.743 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

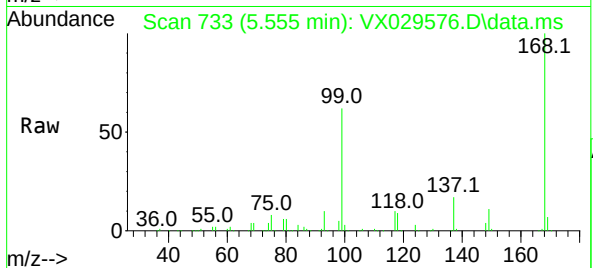
Tgt Ion: 42 Resp: 1116
Ion Ratio Lower Upper
42 100
72 19.4 44.1 66.1#
71 39.6 40.5 60.7#



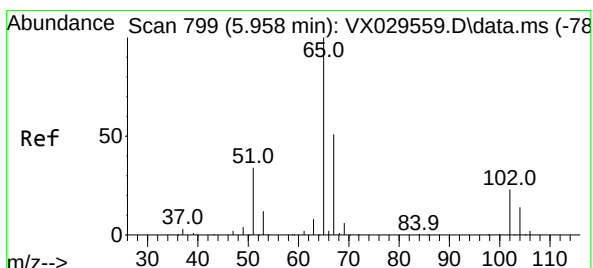
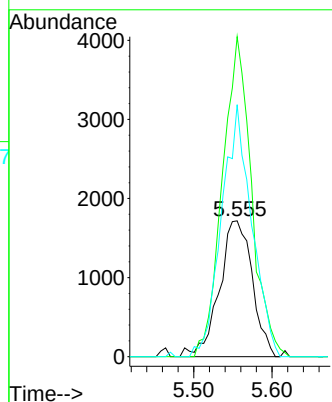
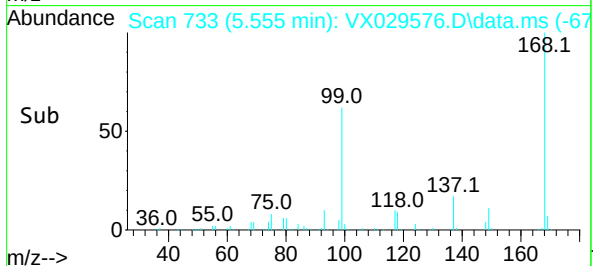


#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.078 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :
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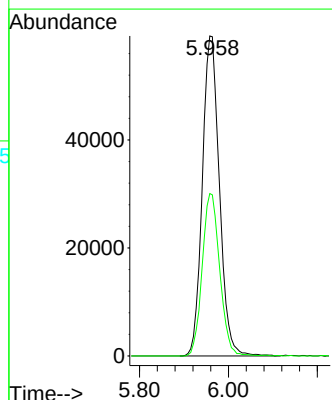
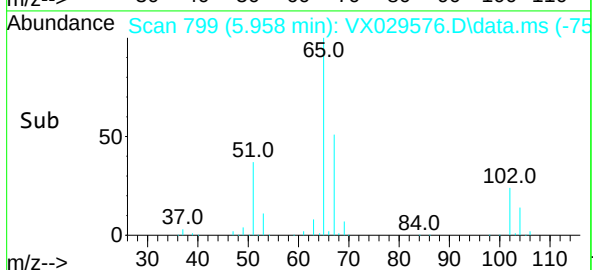
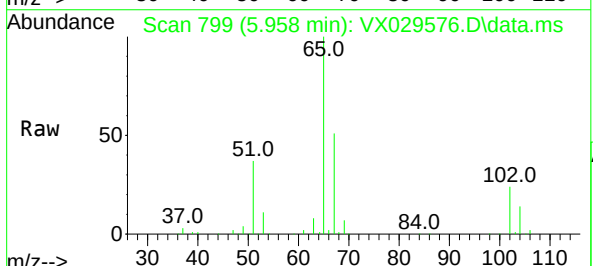


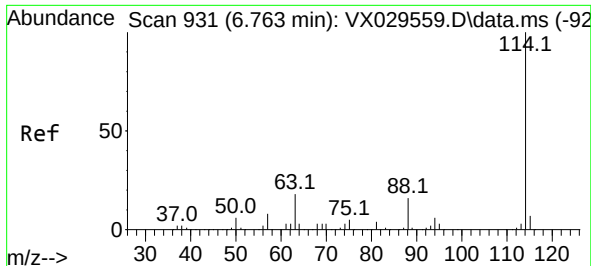
Tgt Ion: 56 Resp: 5016
Ion Ratio Lower Upper
56 100
69 235.5 26.7 40.1#
84 185.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.403 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 65 Resp: 158775
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

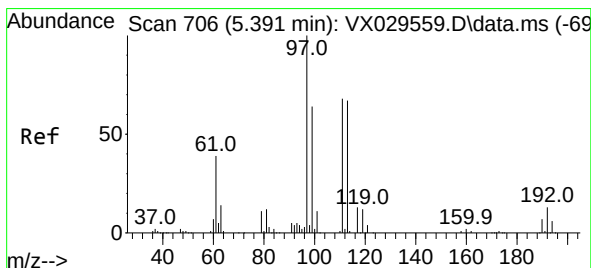
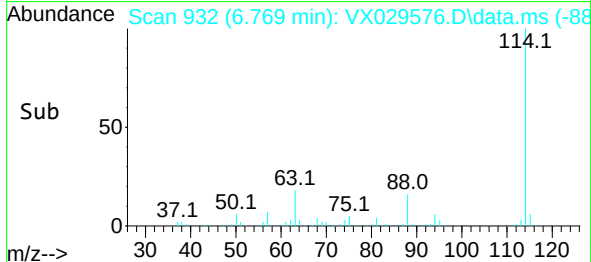
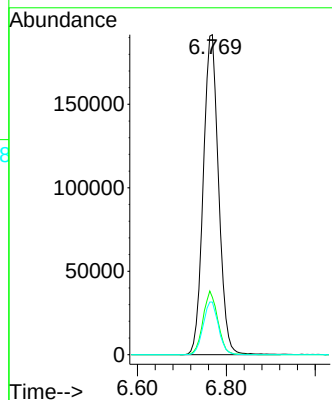
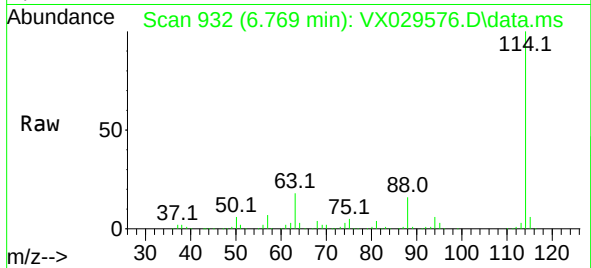




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

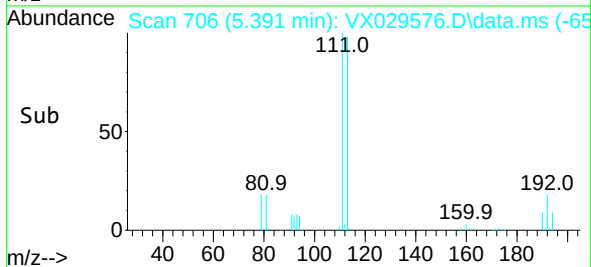
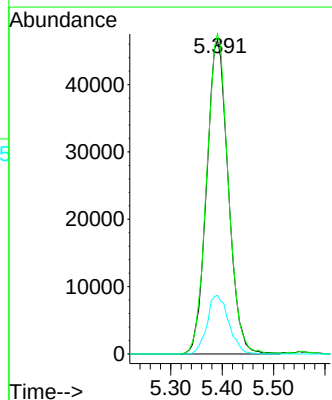
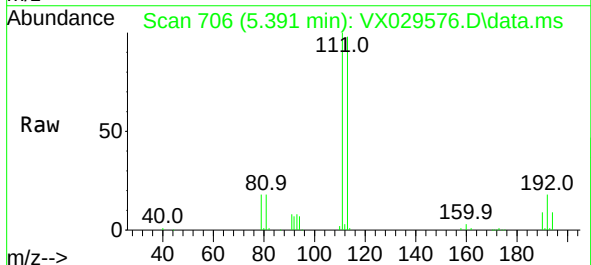
Instrument :
MSVOA_X
ClientSampleId :
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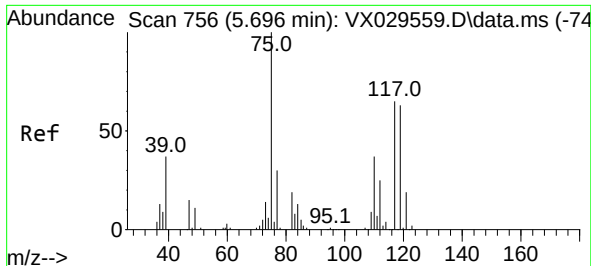
Tgt Ion:114 Resp: 460228
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.391 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion:113 Resp: 136139
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.7 16.9 25.3

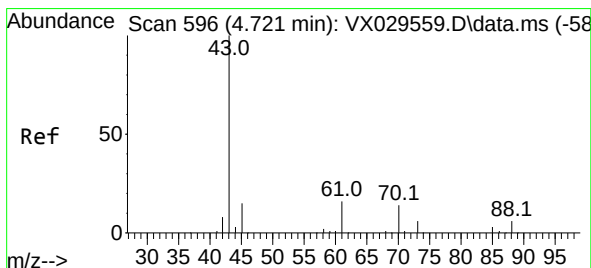
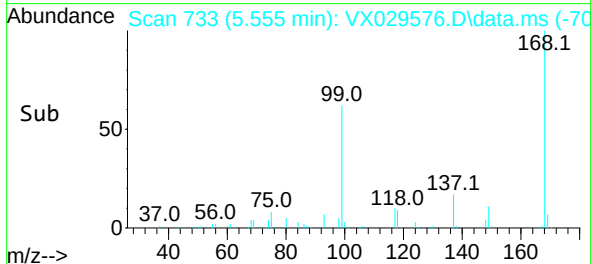
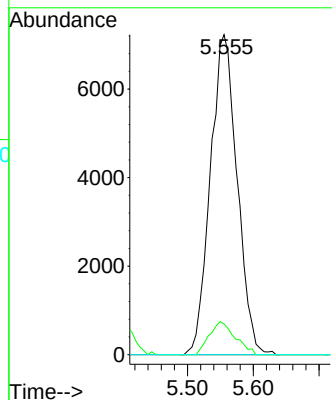
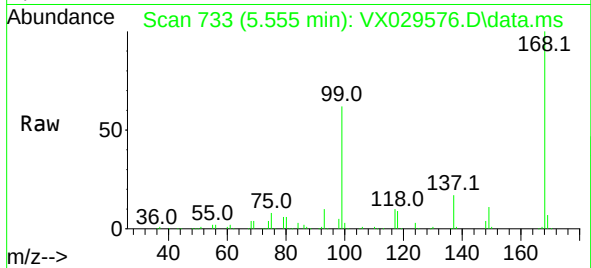




#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

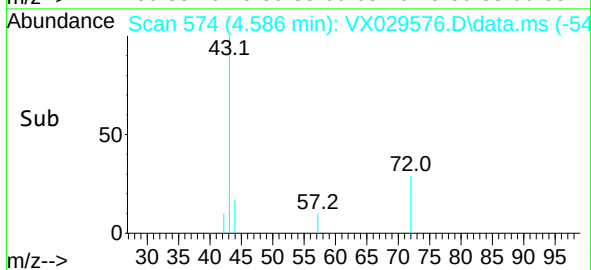
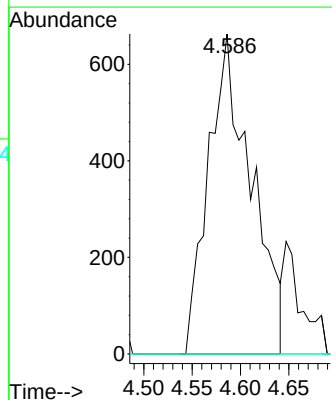
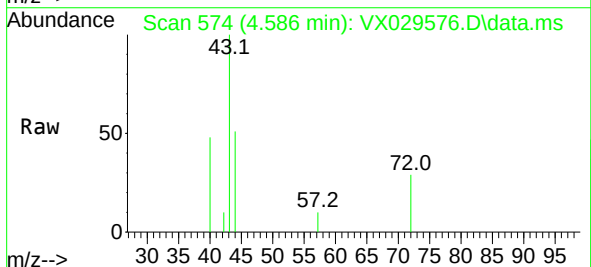
Instrument :
MSVOA_X
ClientSampleId :
MW-25

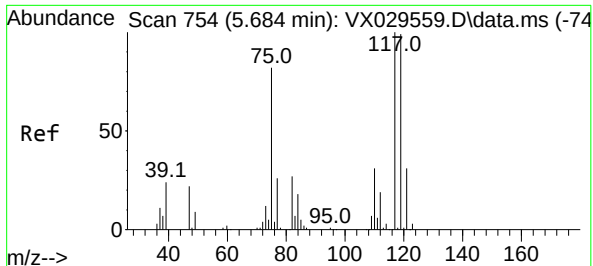
Tgt Ion: 75 Resp: 20514
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.491 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.135 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

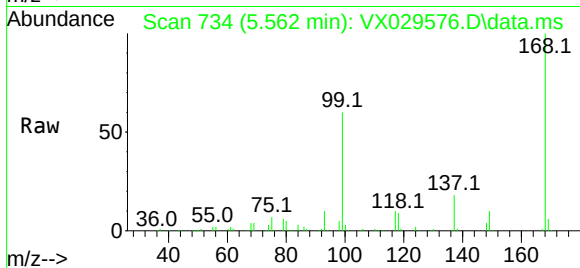
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



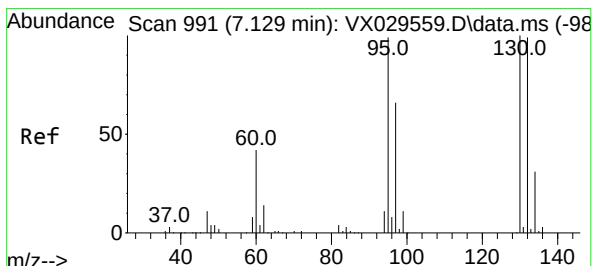
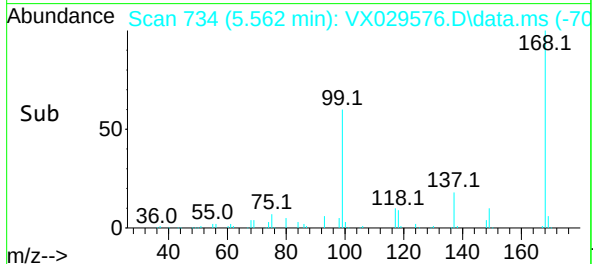
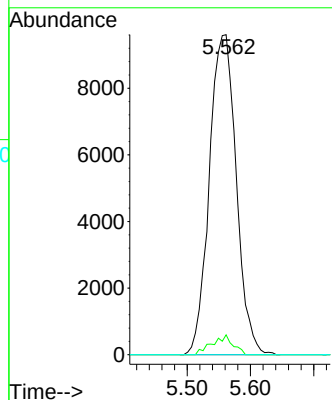


#38
Carbon Tetrachloride
Concen: 7.114 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW-25

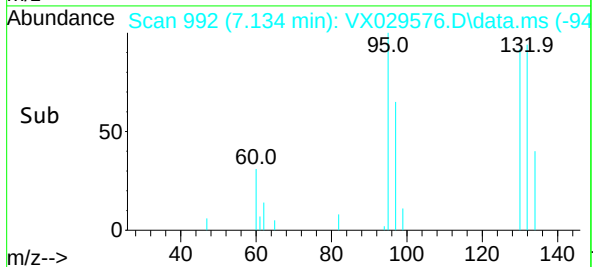
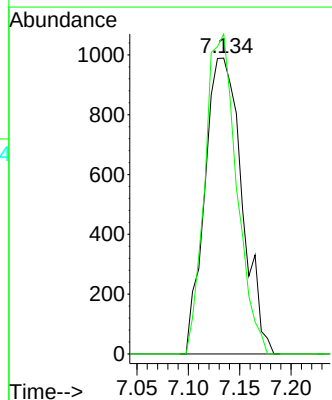
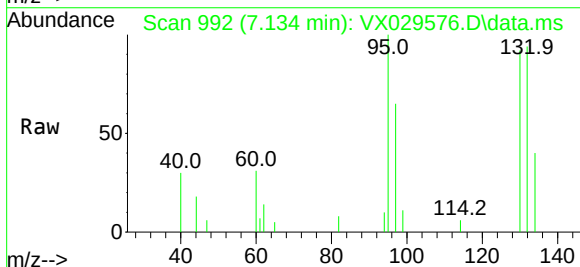


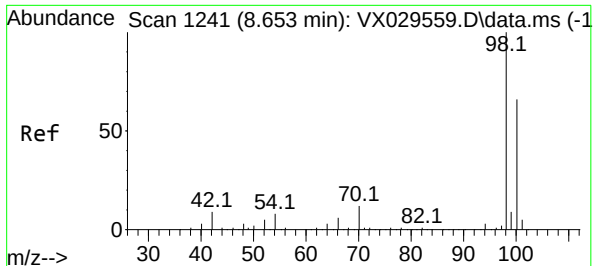
Tgt Ion:117 Resp: 28399
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion:130 Resp: 2489
Ion Ratio Lower Upper
130 100
95 108.2 0.0 188.8

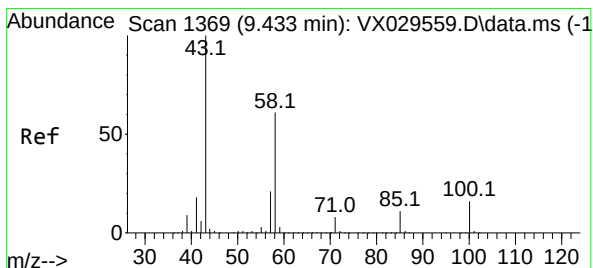
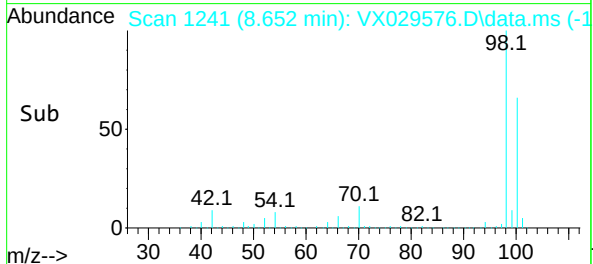
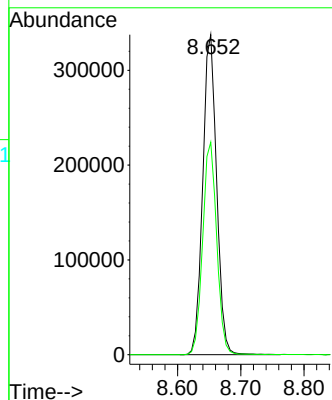
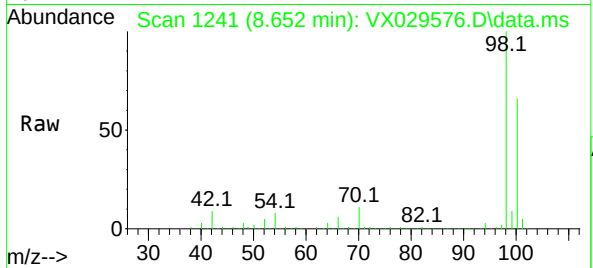




#50
Toluene-d8
Concen: 47.139 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

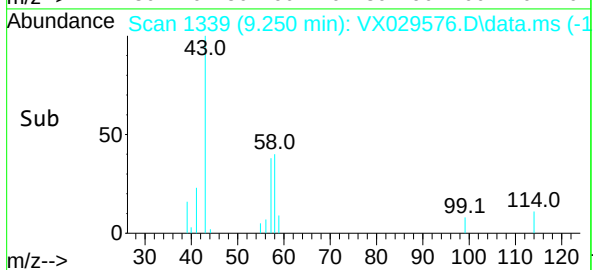
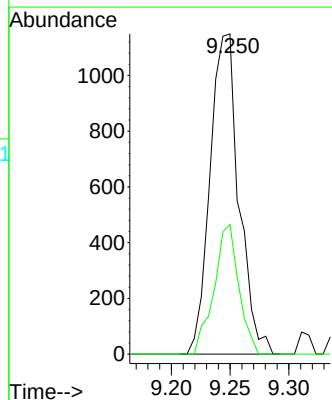
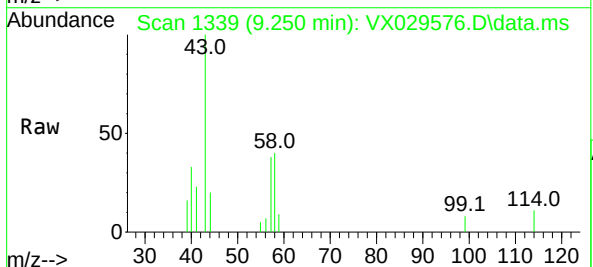
Instrument :
MSVOA_X
ClientSampleId :
MW-25

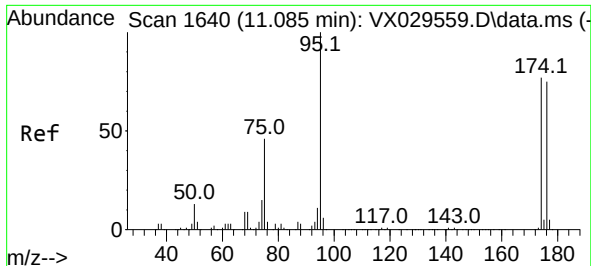
Tgt Ion: 98 Resp: 516492
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#59
2-Hexanone
Concen: 0.622 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. -0.183 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 34.7 31.9 95.7

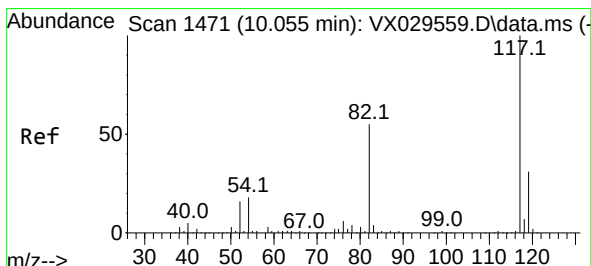
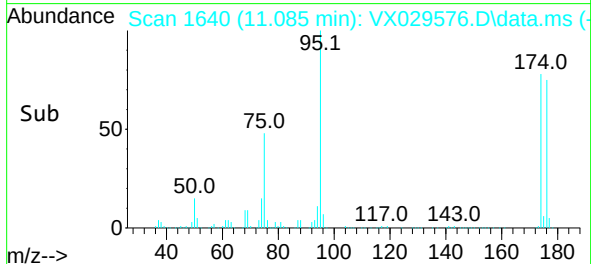
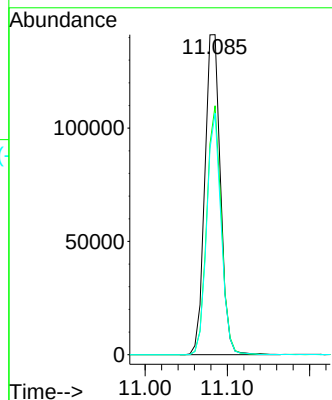
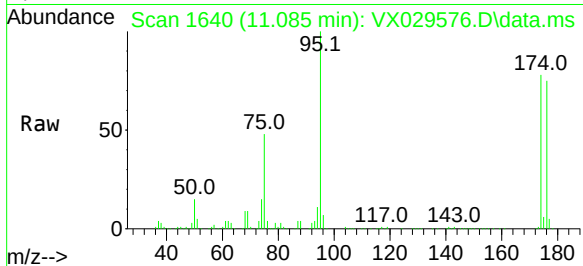




#62
4-Bromofluorobenzene
Concen: 45.206 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

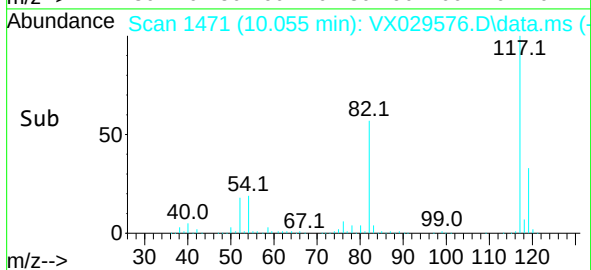
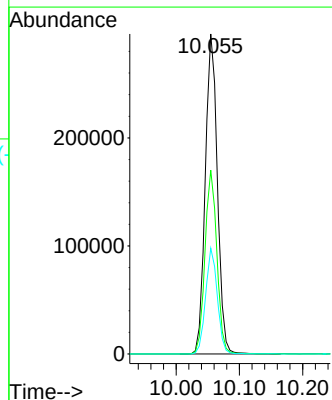
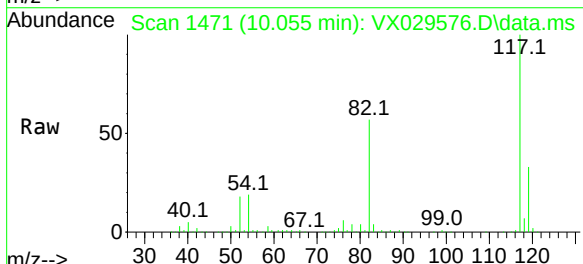
Instrument :
MSVOA_X
ClientSampleId :
MW-25

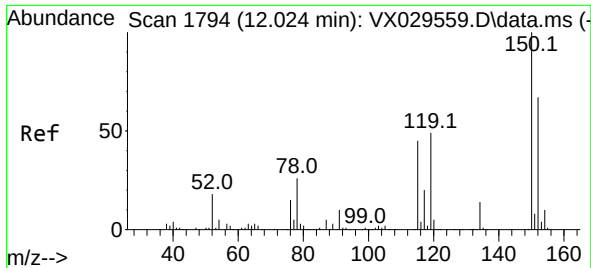
Tgt Ion: 95 Resp: 186789
Ion Ratio Lower Upper
95 100
174 72.5 0.0 163.0
176 69.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 117 Resp: 395064
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 33.0 24.8 37.2

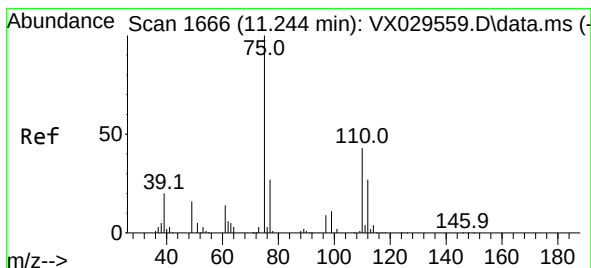
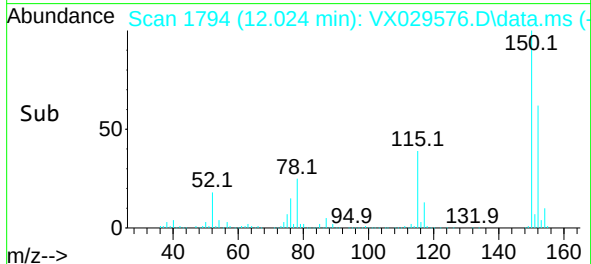
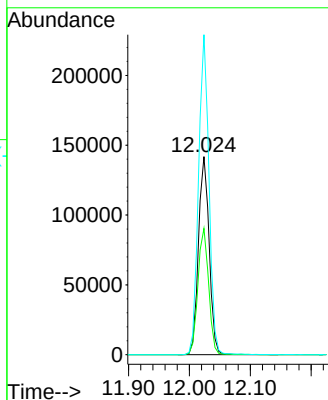
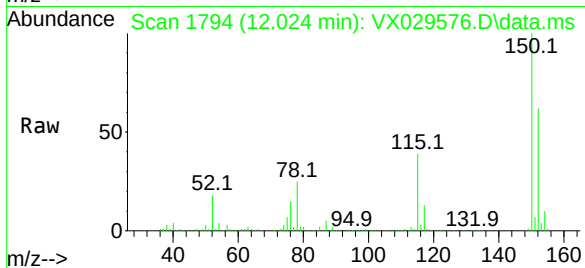




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

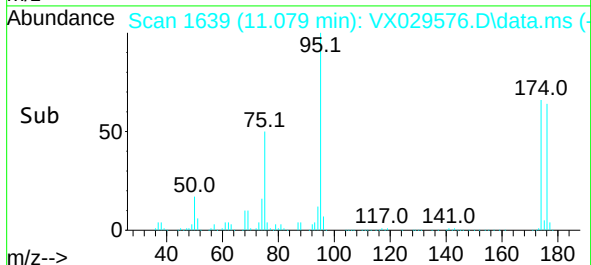
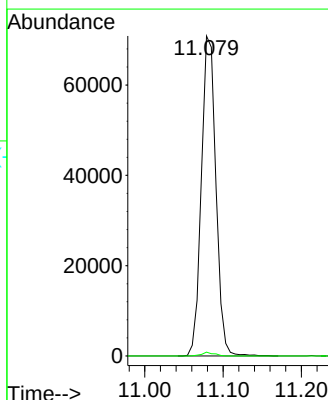
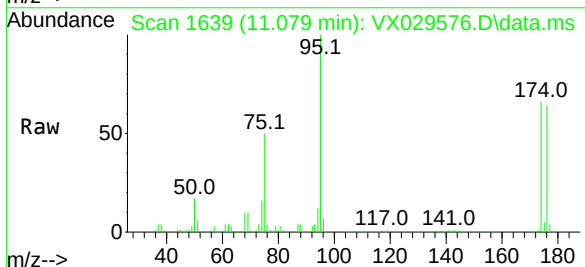
Instrument :
MSVOA_X
ClientSampleId :
MW-25

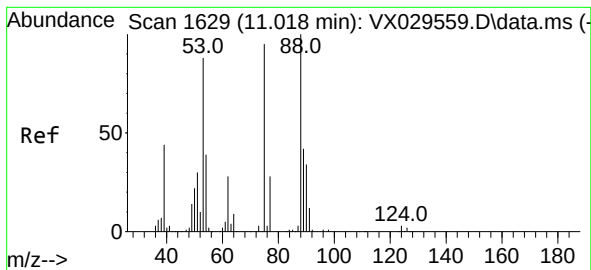
Tgt Ion:152 Resp: 172854
Ion Ratio Lower Upper
152 100
115 63.7 37.5 112.7
150 157.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029576.D
Acq: 18 Jun 2022 17:46

Tgt Ion: 75 Resp: 91386
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.735 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029576.D
 Acq: 18 Jun 2022 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Tgt Ion: 75 Resp: 91386
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

