

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040822\
 Data File : VX028028.D
 Acq On : 08 Apr 2022 15:34
 Operator : JC/MD
 Sample : N2333-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

Quant Time: Apr 11 01:17:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 18:12:28 2022
 Response via : Initial Calibration

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

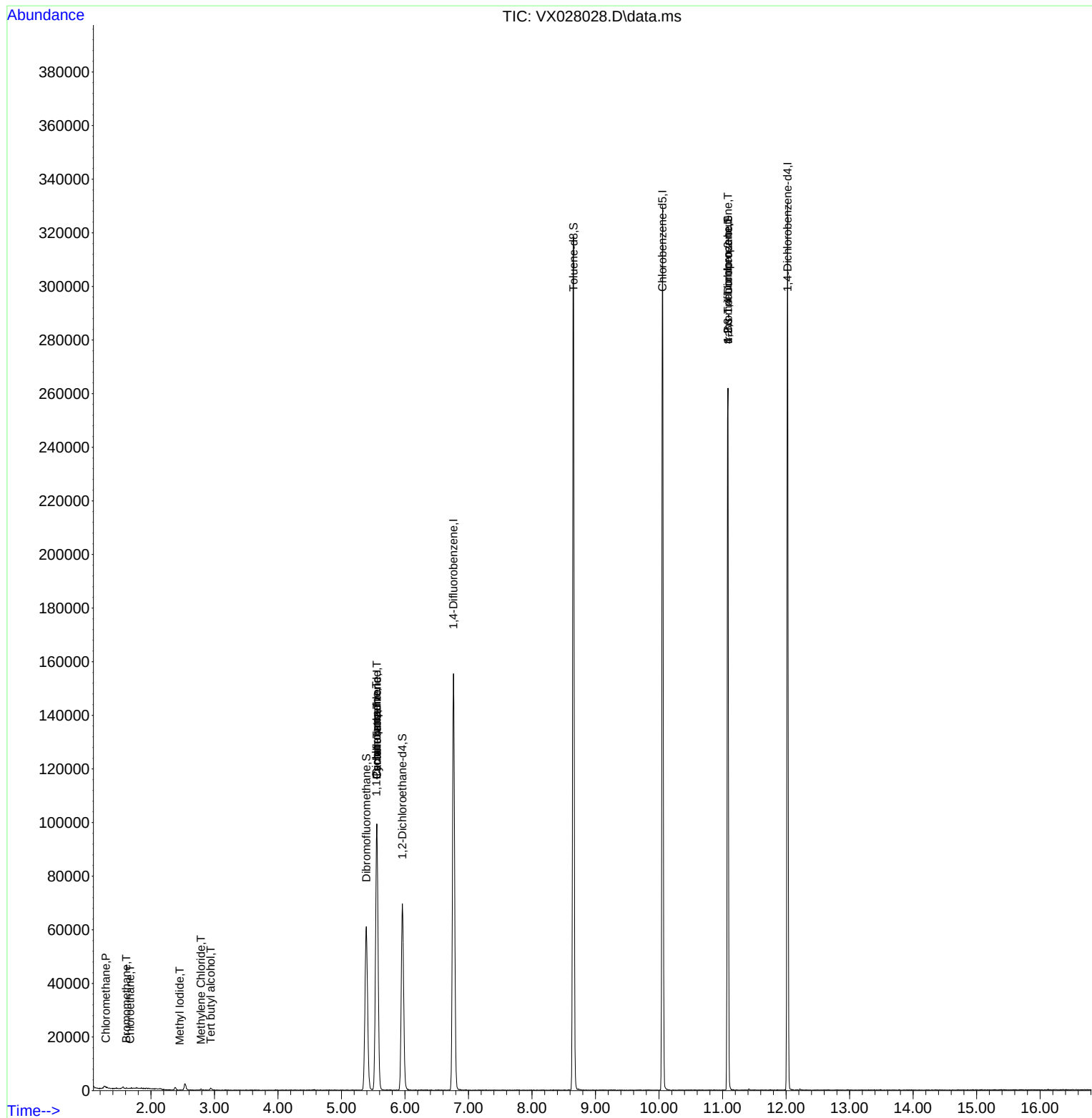
Internal Standards						
1) Pentafluorobenzene	5.556	168	83214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	144675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72238	57.186	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.380%			
35) Dibromofluoromethane	5.391	113	50999	52.515	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.020%			
50) Toluene-d8	8.653	98	190193	54.889	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.780%			
62) 4-Bromofluorobenzene	11.085	95	70694	47.993	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.980%			
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	50	1.513	ug/l #	42
5) Bromomethane	1.612	94	192	1.147	ug/l	86
6) Chloroethane	1.672	64	175	1.849	ug/l #	43
10) Methyl Iodide	2.453	142	24	6.824	ug/l #	41
11) Tert butyl alcohol	2.941	59	479	2.152	ug/l #	72
16) Acetone	2.380	43	1181	Below Cal	#	87
17) Carbon Disulfide	2.508	76	51	Below Cal	#	75
20) Methylene Chloride	2.788	84	177	2.508	ug/l #	62
31) Cyclohexane	5.556	56	2384	1.557	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	7954	5.570	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10022	6.484	ug/l #	14
76) 1,2,3-Trichloropropane	11.085	75	41422	29.137	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	41422	89.550	ug/l #	15

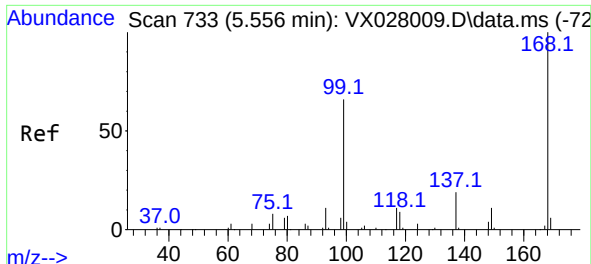
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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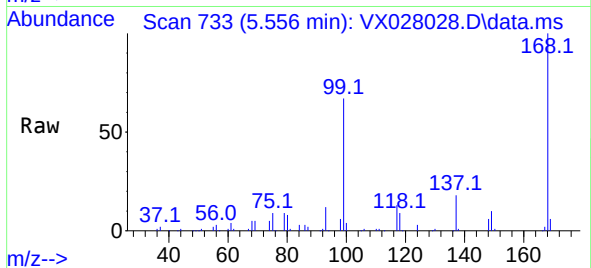
Quant Time: Apr 11 01:17:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 07 18:12:28 2022
Response via : Initial Calibration



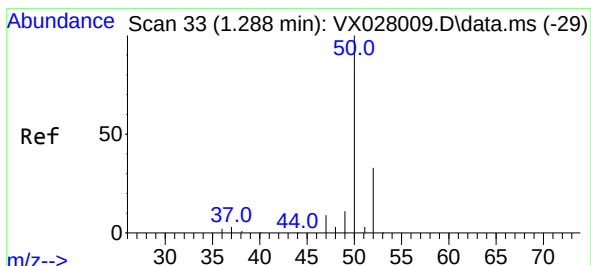
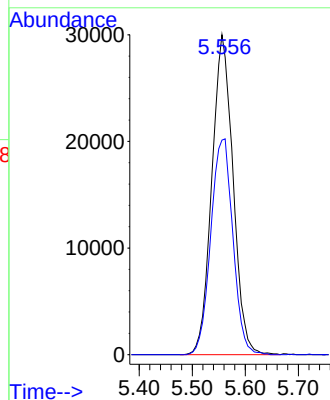


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13

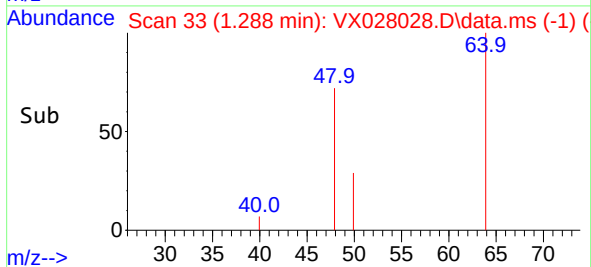
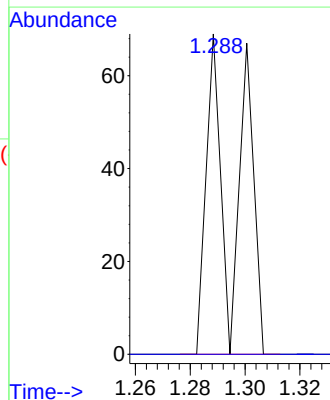
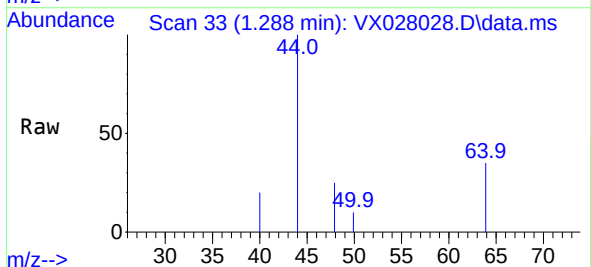


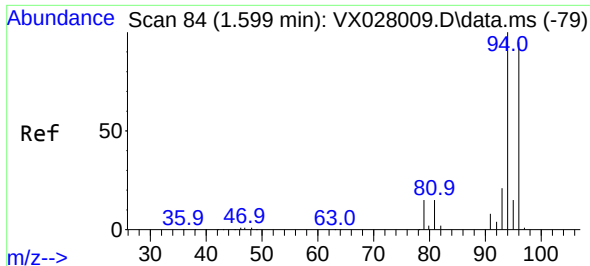
Tgt Ion:168 Resp: 83214
Ion Ratio Lower Upper
168 100
99 67.1 41.7 62.5#



#3
Chloromethane
Concen: 1.513 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion: 50 Resp: 50
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

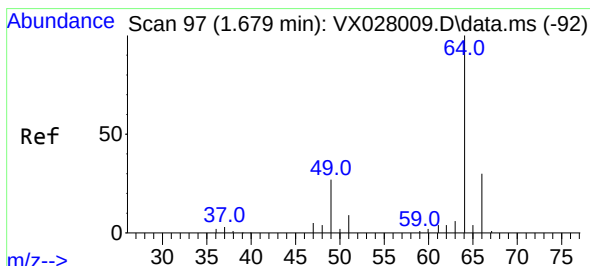
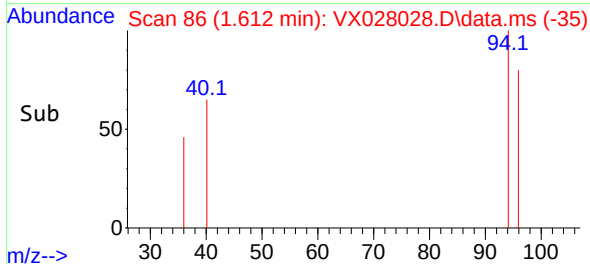
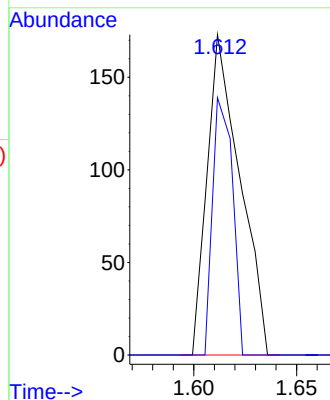
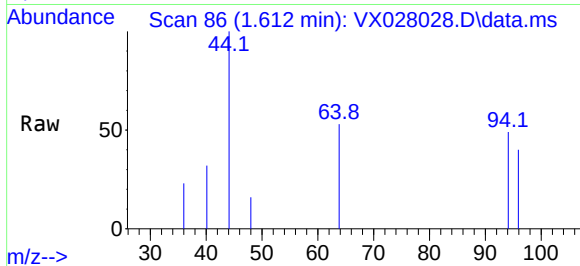




#5
Bromomethane
Concen: 1.147 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

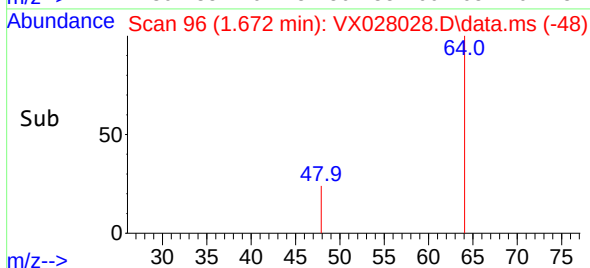
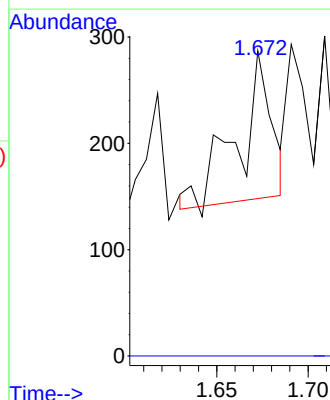
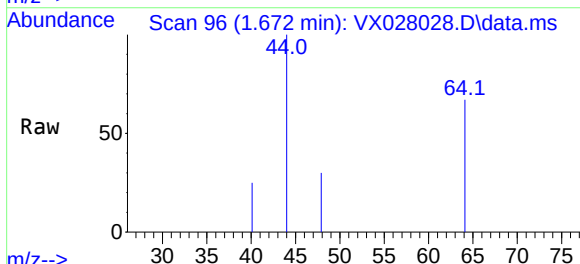
Instrument :
MSVOA_X
ClientSampleId :
MW-13

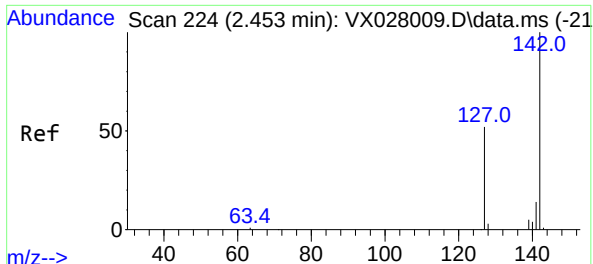
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 80.3 75.3 112.9



#6
Chloroethane
Concen: 1.849 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

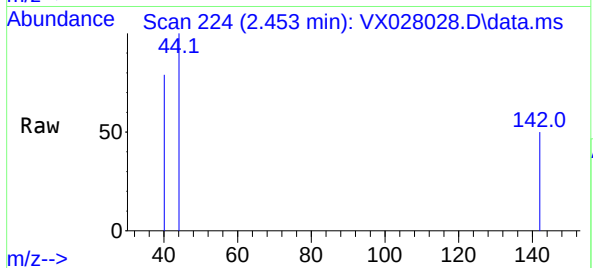
Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



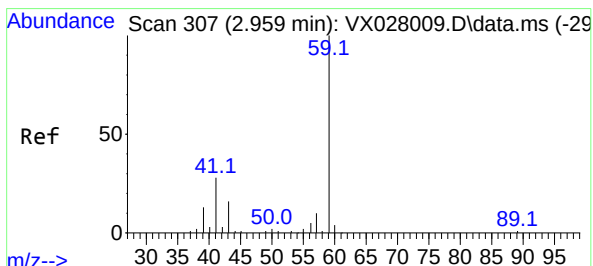
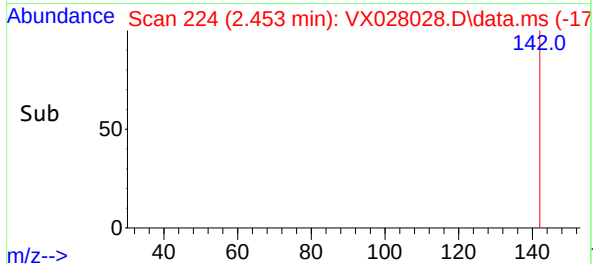
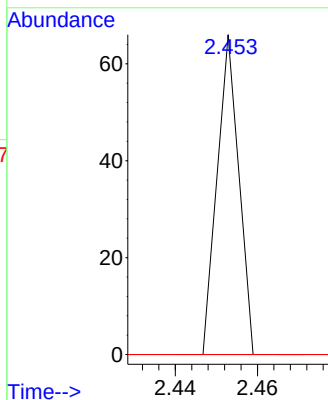


#10
Methyl Iodide
Concen: 6.824 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13

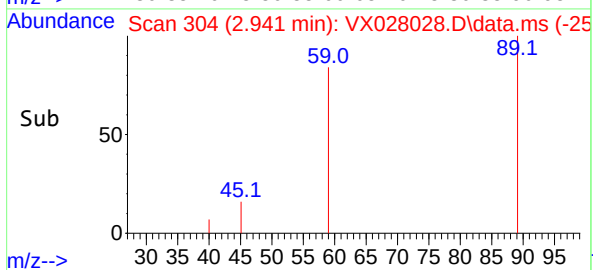
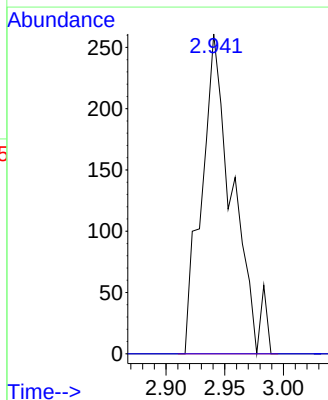
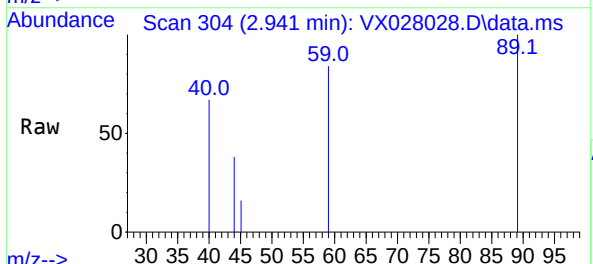


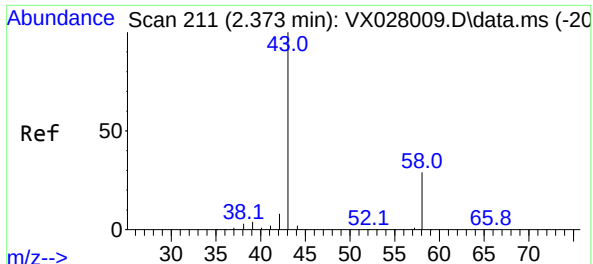
Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.152 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion: 59 Resp: 479
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

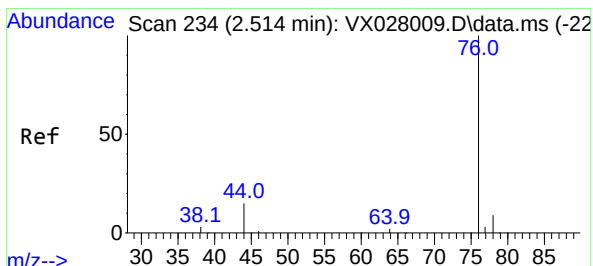
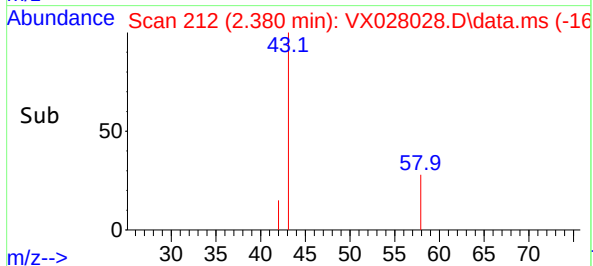
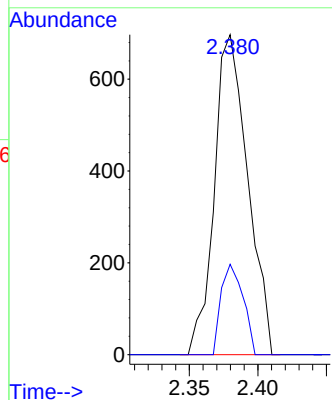
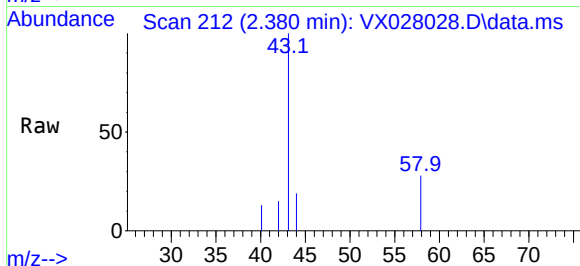




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

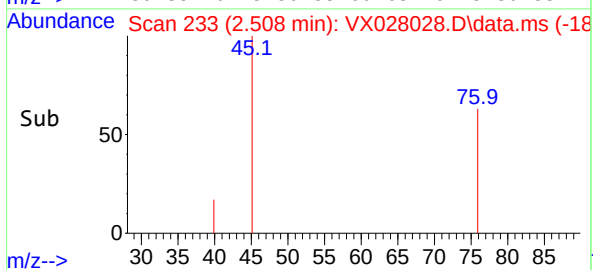
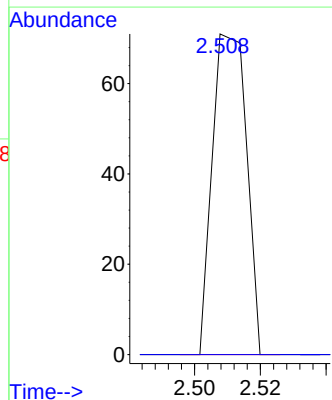
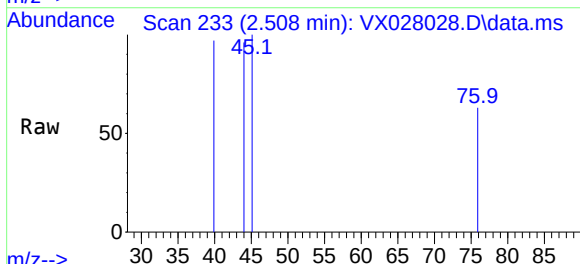
Instrument :
MSVOA_X
ClientSampleId :
MW-13

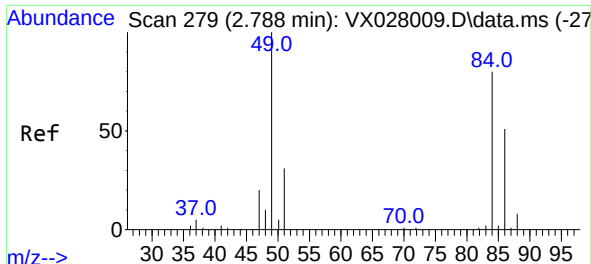
Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 28.3 28.8 43.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion: 76 Resp: 51
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

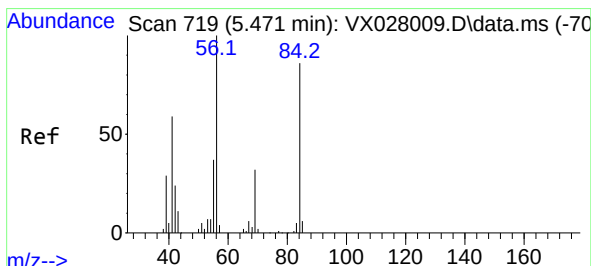
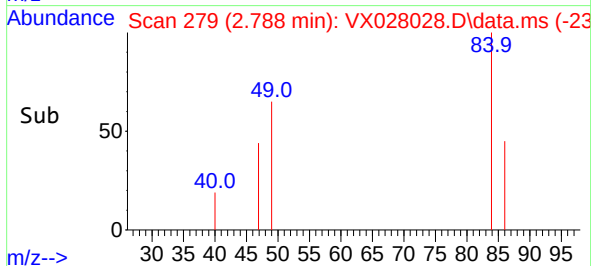
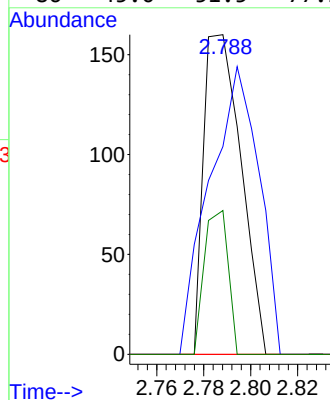
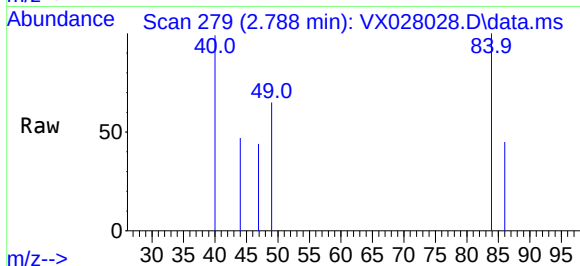




#20
Methylene Chloride
Concen: 2.508 ug/l
RT: 2.788 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

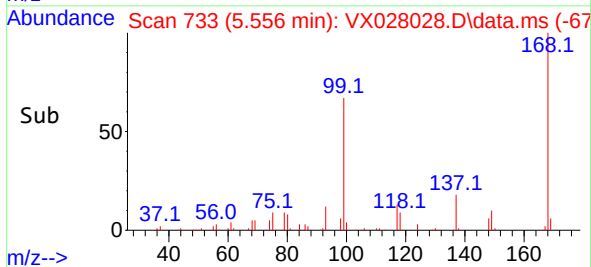
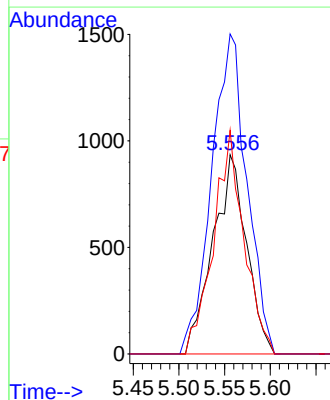
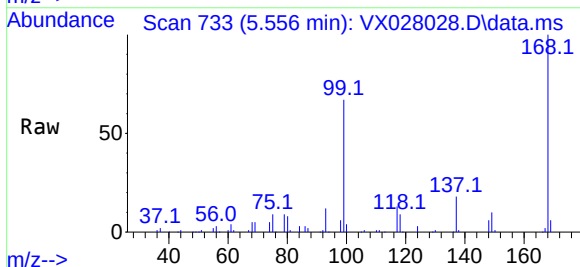
Instrument :
MSVOA_X
ClientSampleId :
MW-13

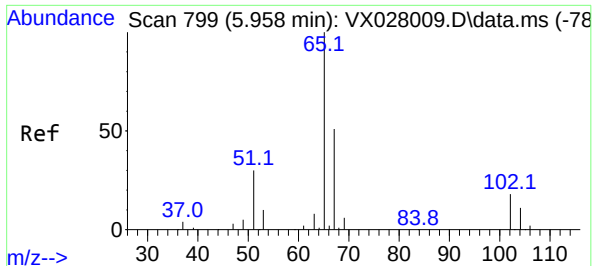
Tgt Ion:	84	Resp:	177
Ion	Ratio	Lower	Upper
84	100		
49	65.0	85.5	128.3#
51	0.0	26.6	39.8#
86	45.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.557 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion:	56	Resp:	2384
Ion	Ratio	Lower	Upper
56	100		
69	160.6	26.7	40.1#
84	112.3	77.2	115.8

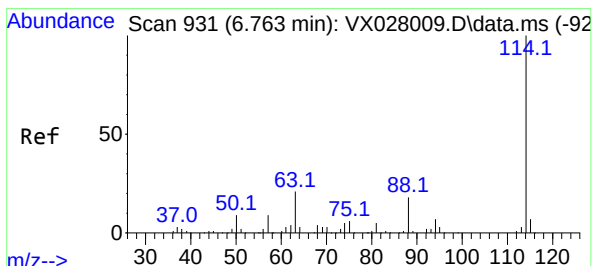
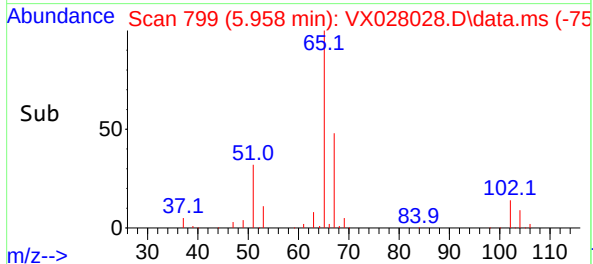
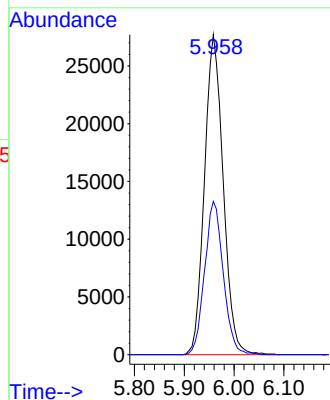
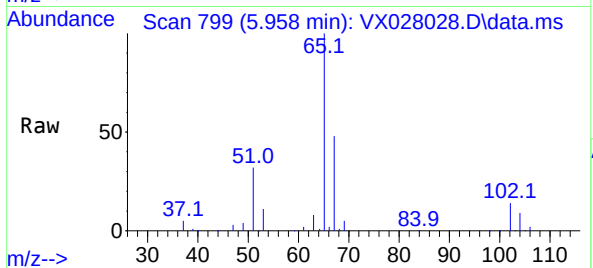




#33
1,2-Dichloroethane-d4
Concen: 57.186 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

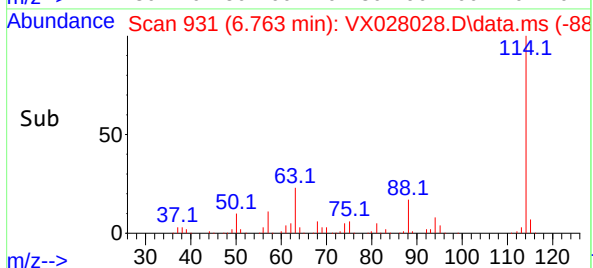
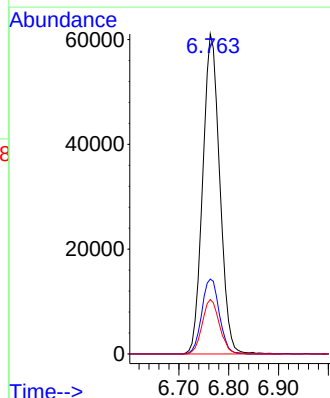
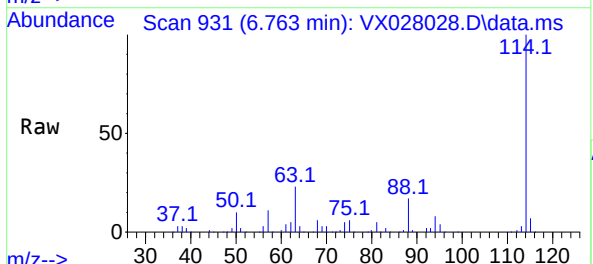
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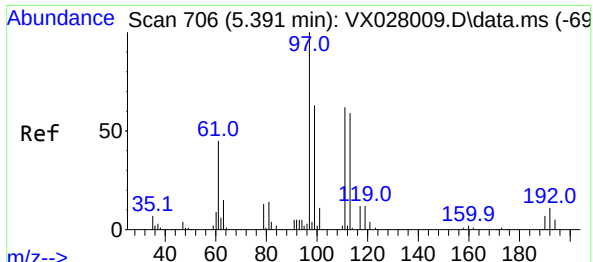
Tgt Ion: 65 Resp: 72238
Ion Ratio Lower Upper
65 100
67 47.8 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion: 114 Resp: 144675
Ion Ratio Lower Upper
114 100
63 23.4 0.0 36.8
88 17.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.515 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028028.D

Acq: 08 Apr 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-13

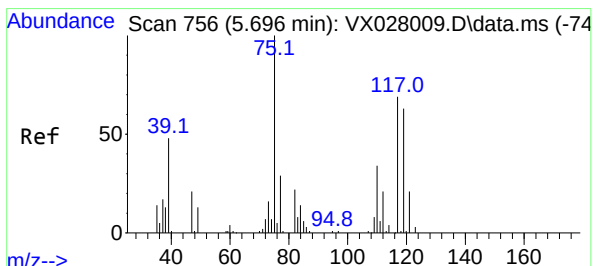
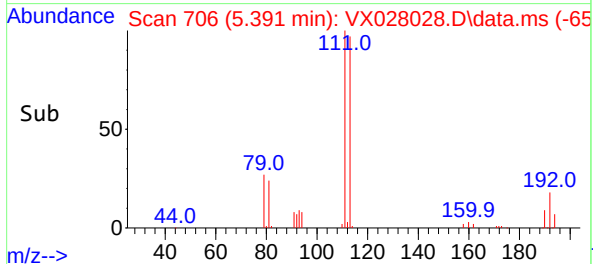
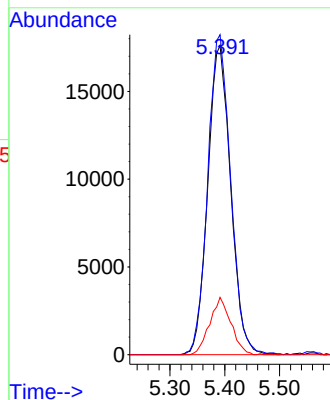
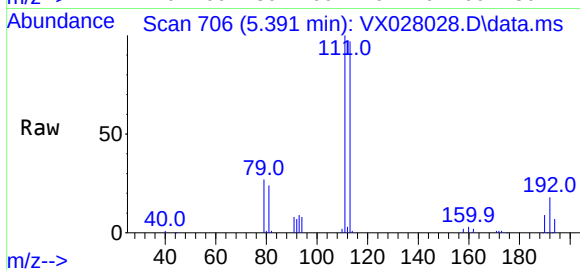
Tgt Ion:113 Resp: 50999

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 17.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.570 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028028.D

Acq: 08 Apr 2022 15:34

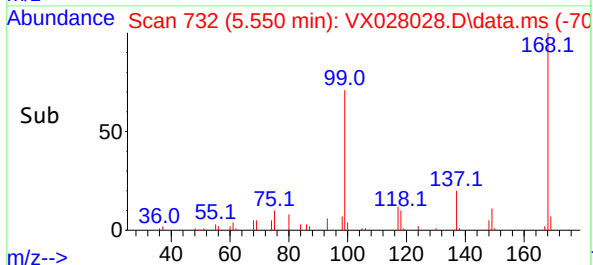
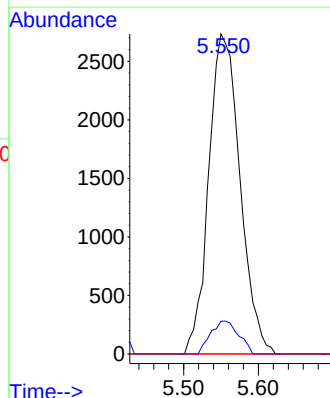
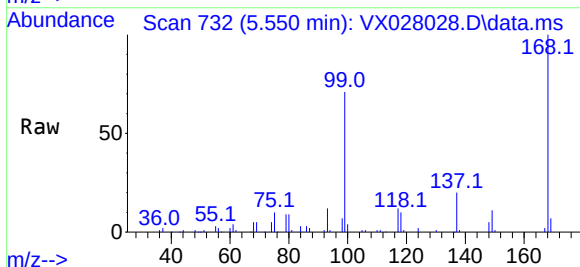
Tgt Ion: 75 Resp: 7954

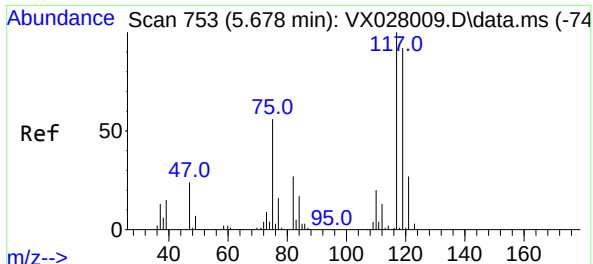
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

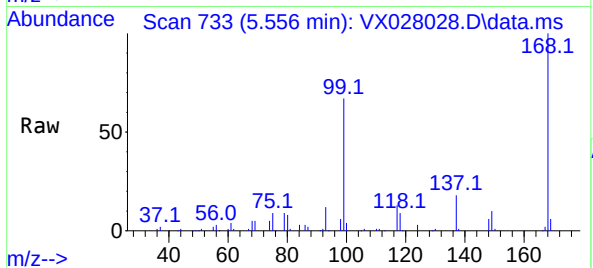
77 0.0 24.8 37.2#



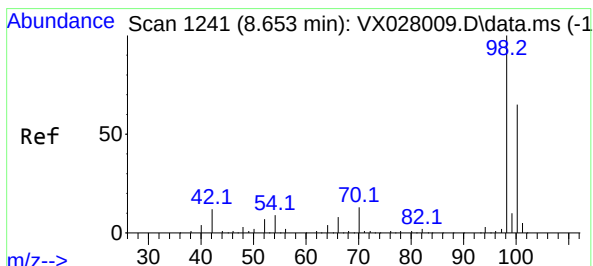
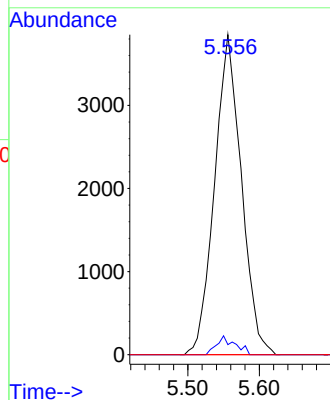
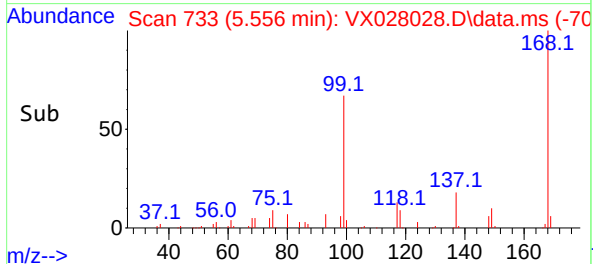


#38
Carbon Tetrachloride
Concen: 6.484 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13

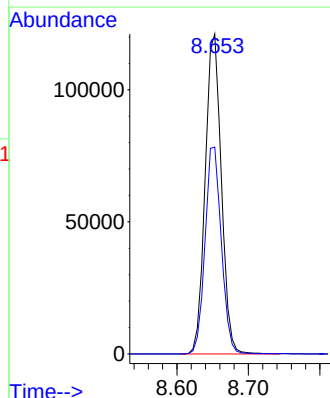
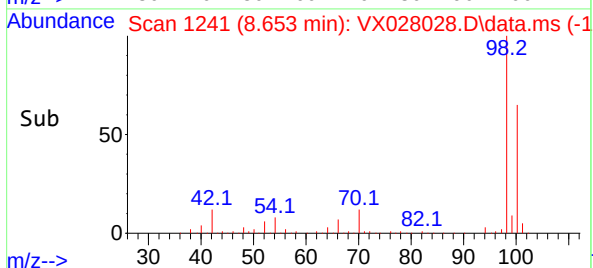
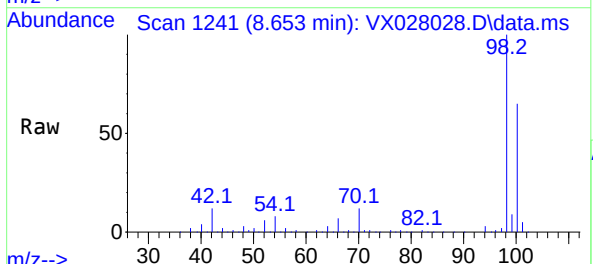


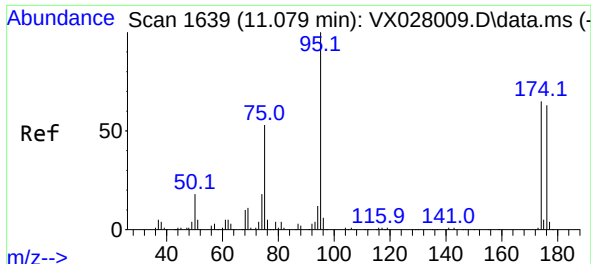
Tgt Ion:117 Resp: 10022
Ion Ratio Lower Upper
117 100
119 3.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.889 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion: 98 Resp: 190193
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

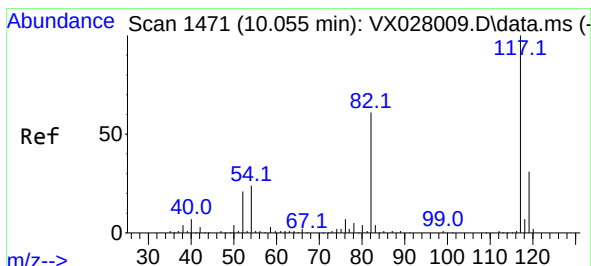
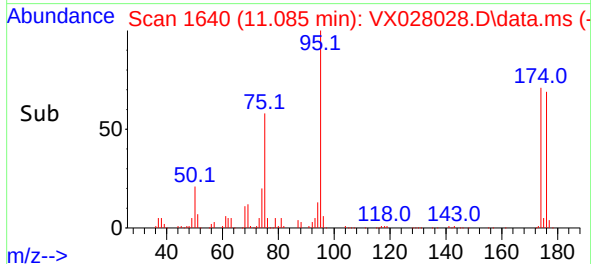
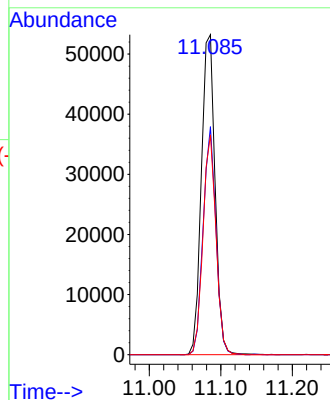
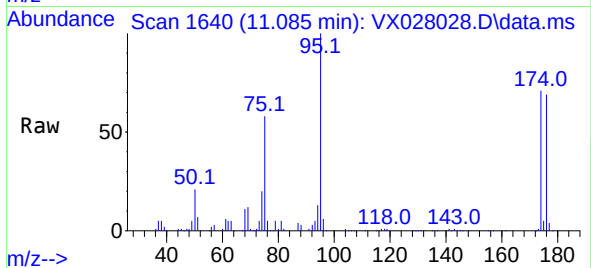




#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

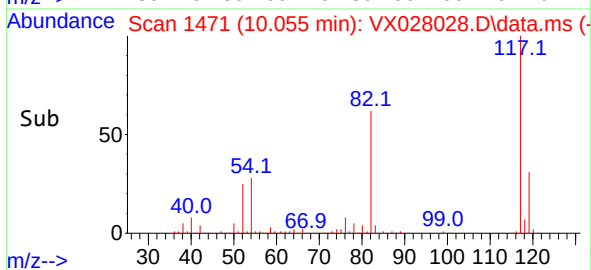
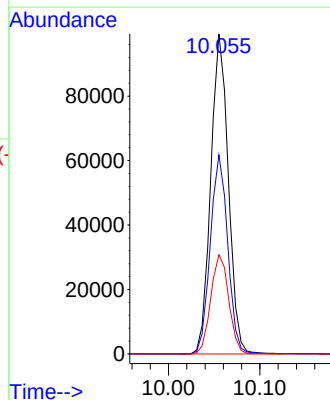
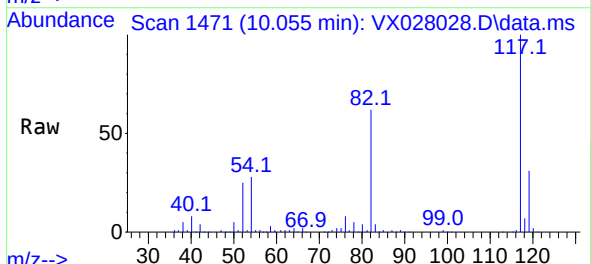
Instrument :
MSVOA_X
ClientSampleId :
MW-13

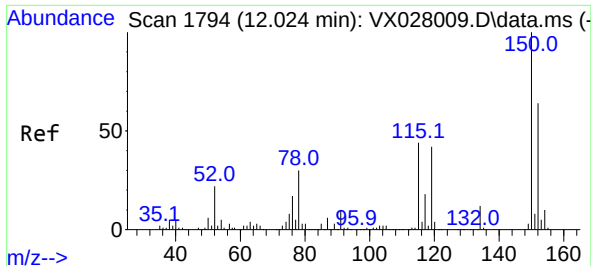
Tgt Ion: 95 Resp: 70694
Ion Ratio Lower Upper
95 100
174 66.6 0.0 163.0
176 65.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Tgt Ion: 117 Resp: 132284
Ion Ratio Lower Upper
117 100
82 62.2 41.8 62.8
119 31.0 24.8 37.2

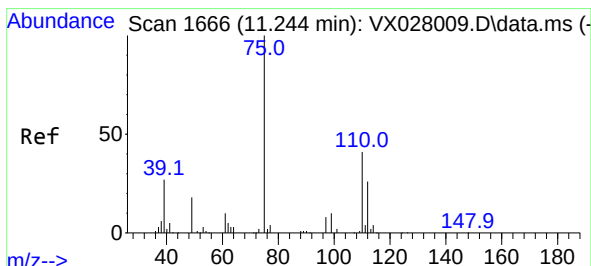
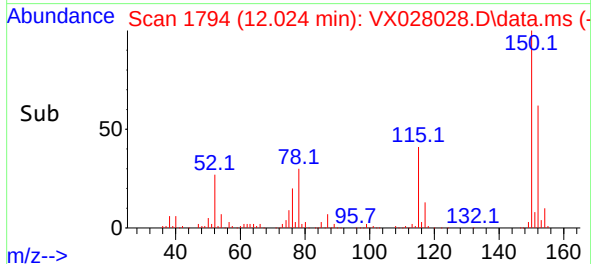
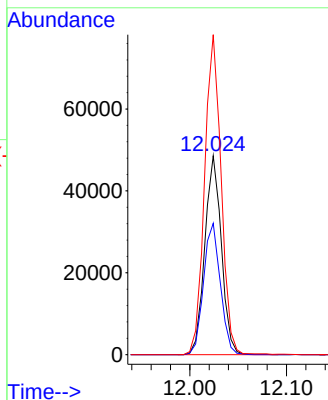
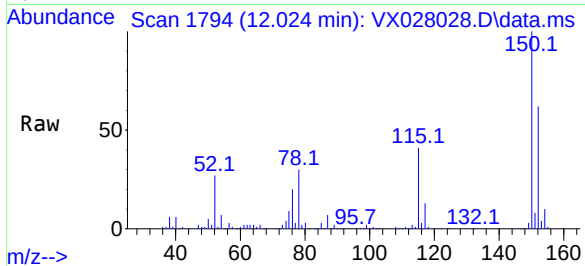




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028028.D
 Acq: 08 Apr 2022 15:34

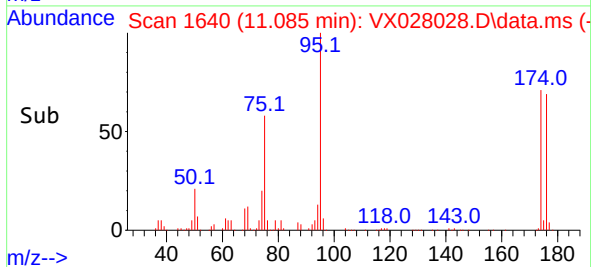
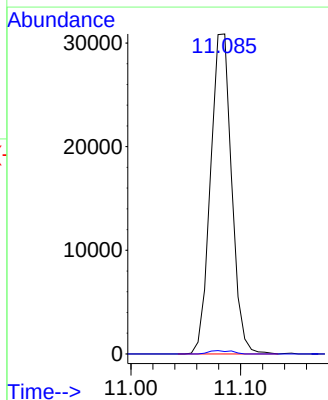
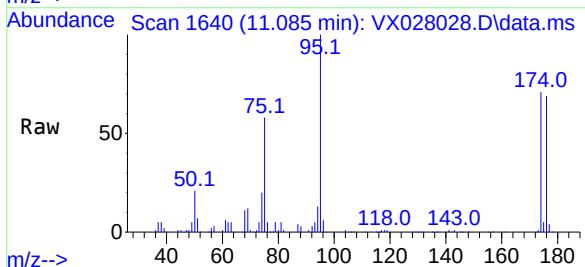
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13

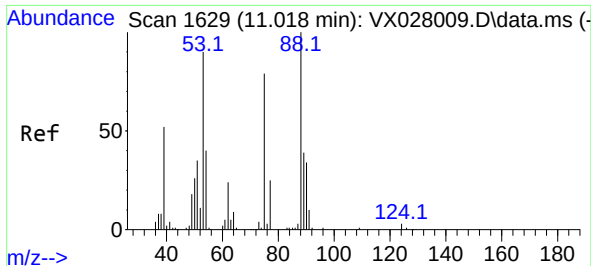
Tgt Ion:152 Resp: 57955
 Ion Ratio Lower Upper
 152 100
 115 67.0 37.5 112.7
 150 161.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.137 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX028028.D
 Acq: 08 Apr 2022 15:34

Tgt Ion: 75 Resp: 41422
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.550 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX028028.D
Acq: 08 Apr 2022 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13

Tgt Ion: 75 Resp: 41422
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

