

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027254.D
 Acq On : 01 Mar 2022 17:27
 Operator : JC/MD
 Sample : N1688-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: Mar 02 00:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

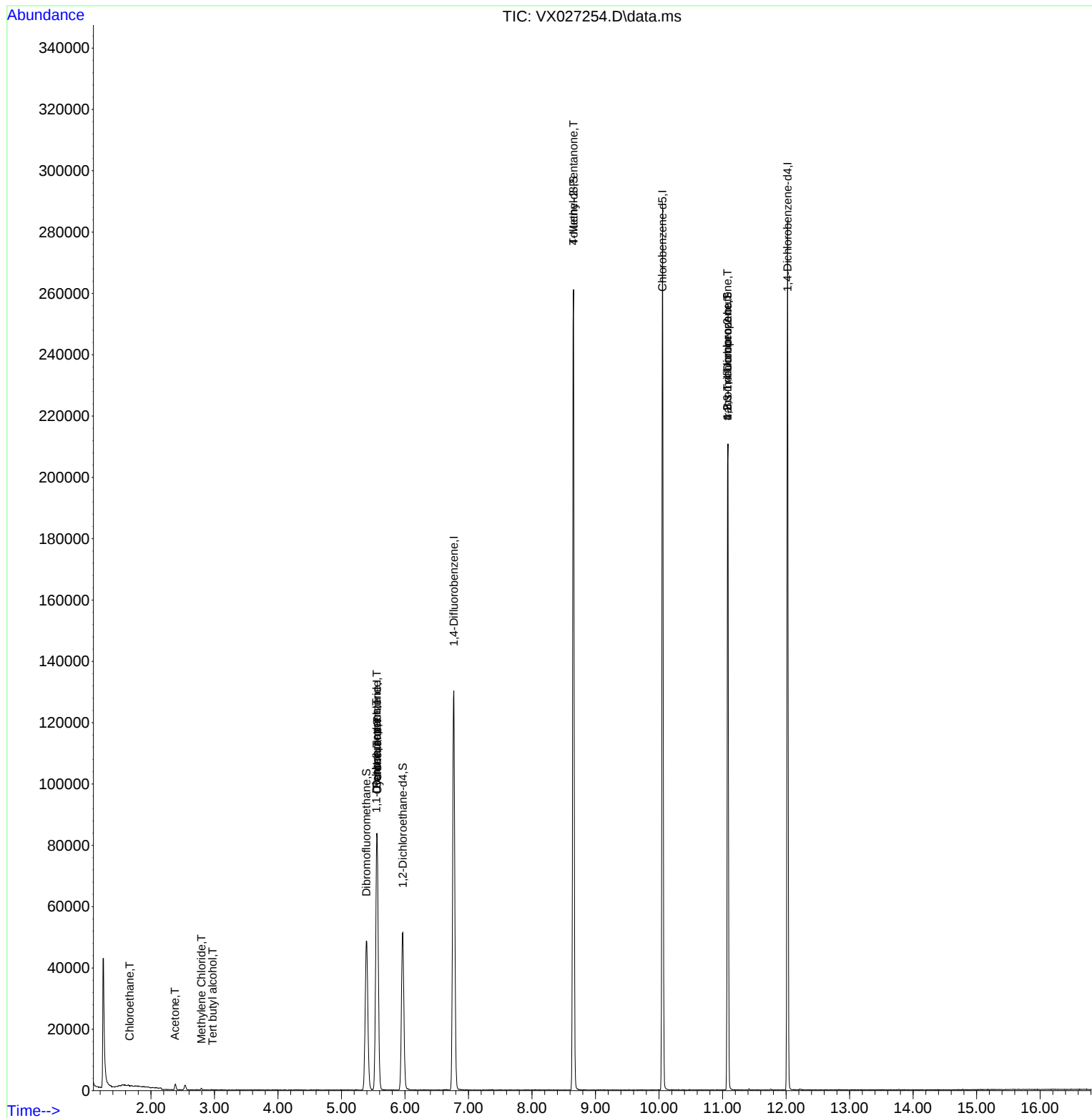
Internal Standards						
1) Pentafluorobenzene	5.556	168	82726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50394	50.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.440%	
35) Dibromofluoromethane	5.391	113	43615	51.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	8.653	98	158312	50.005	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	11.079	95	59126	48.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.300%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	180	0.383	ug/l #	43
11) Tert butyl alcohol	2.971	59	39	0.202	ug/l #	75
16) Acetone	2.380	43	2119	4.858	ug/l	90
20) Methylene Chloride	2.794	84	247	0.273	ug/l #	84
31) Cyclohexane	5.562	56	1435	0.964	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5924	4.794	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8005	6.211	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	682	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29013	24.647	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	29013	69.875	ug/l #	4

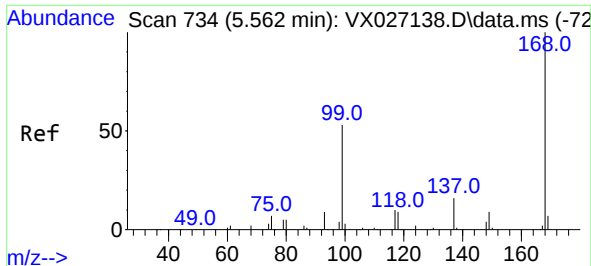
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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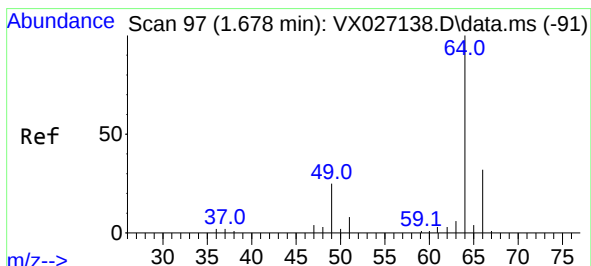
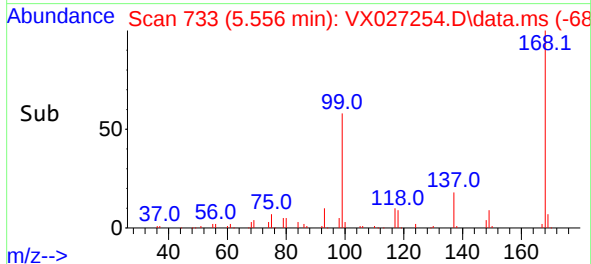
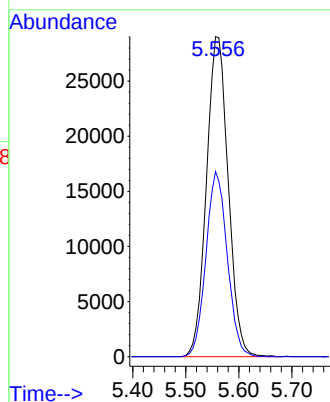
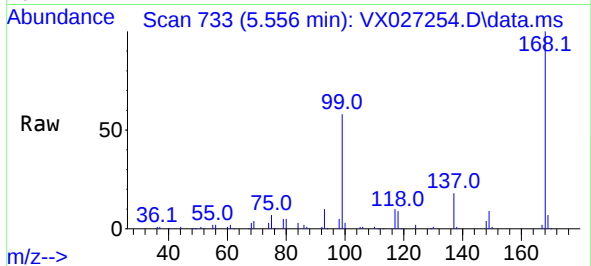




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

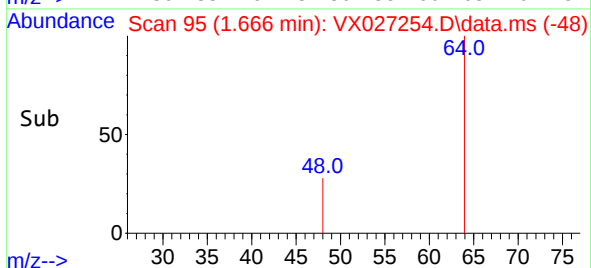
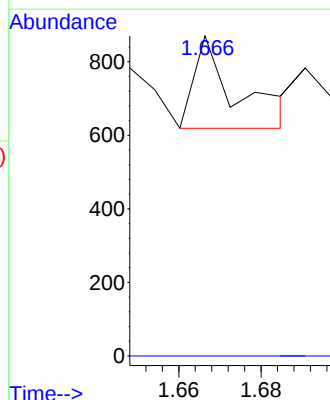
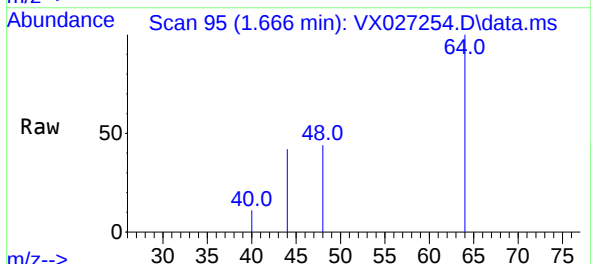
Instrument :
MSVOA_X
ClientSampleId :
MW-36

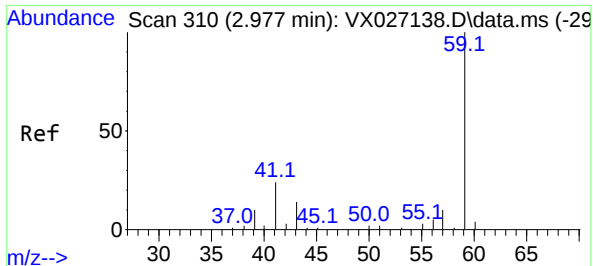
Tgt Ion:168 Resp: 82726
Ion Ratio Lower Upper
168 100
99 57.8 50.3 75.5



#6
Chloroethane
Concen: 0.383 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.202 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027254.D

Acq: 01 Mar 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

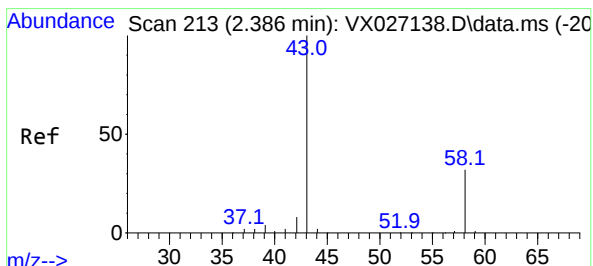
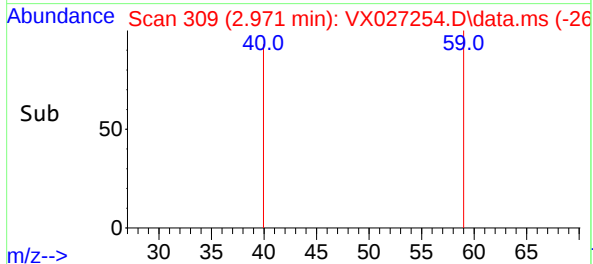
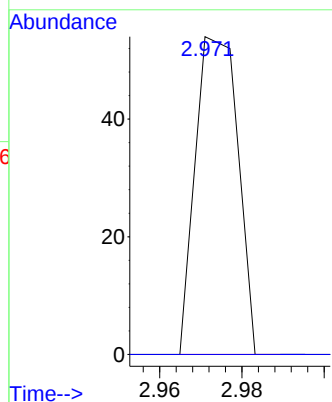
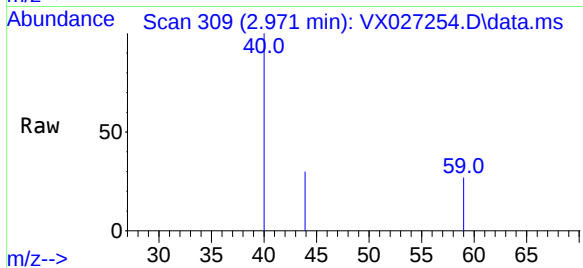
MW-36

Tgt Ion: 59 Resp: 39

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 4.858 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX027254.D

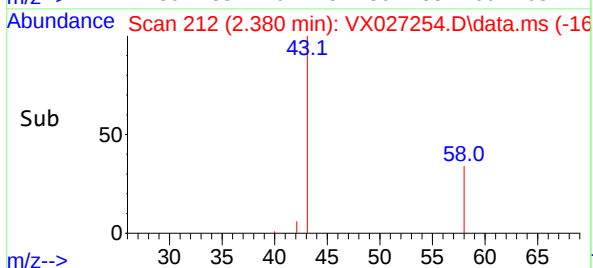
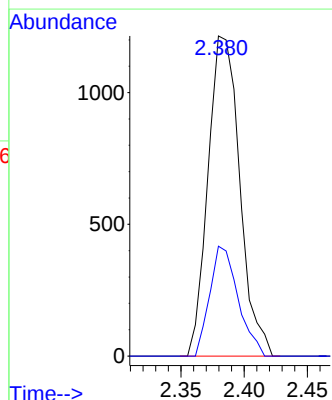
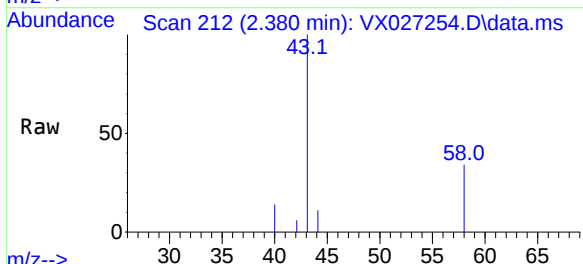
Acq: 01 Mar 2022 17:27

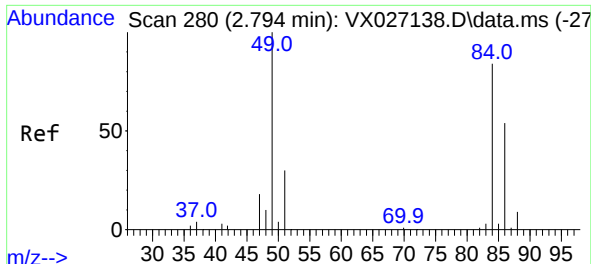
Tgt Ion: 43 Resp: 2119

Ion Ratio Lower Upper

43 100

58 34.3 23.0 34.6



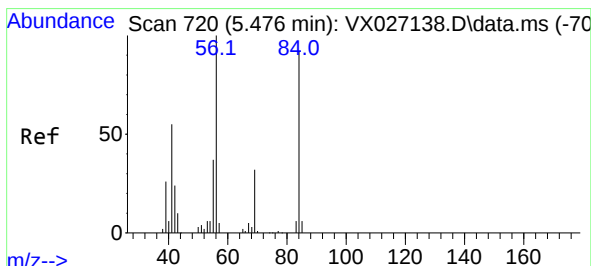
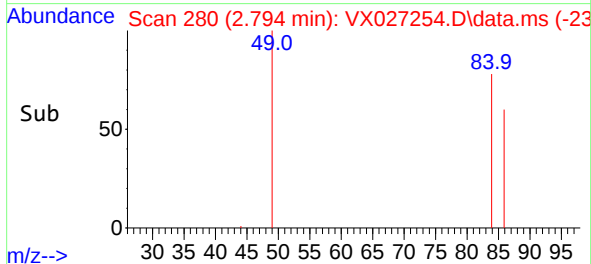
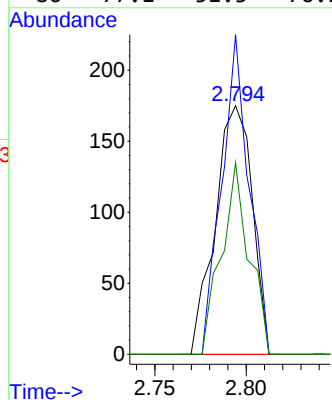
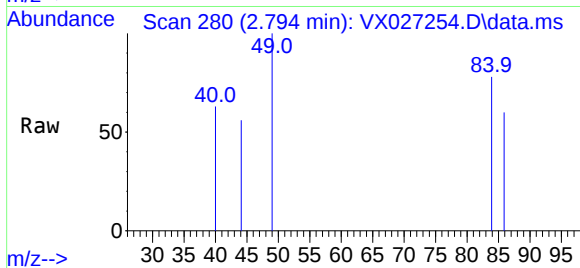


#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.794 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion: 84 Resp: 247

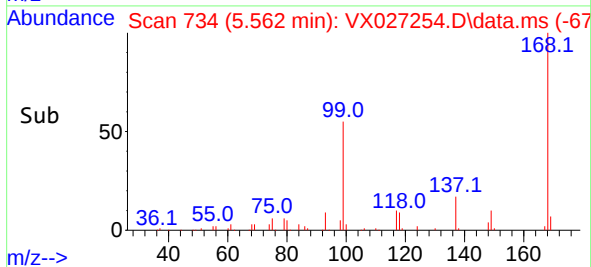
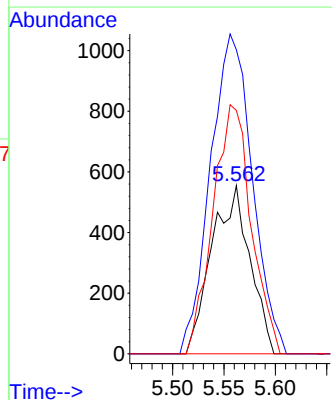
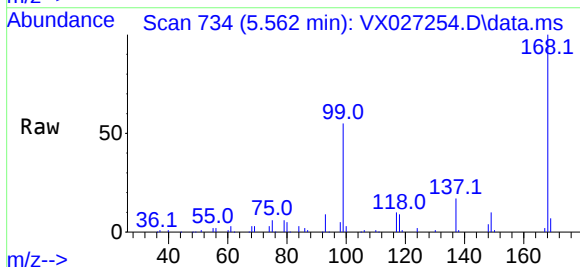
Ion	Ratio	Lower	Upper
84	100		
49	128.6	101.5	152.3
51	0.0	31.2	46.8#
86	77.1	51.3	76.9#

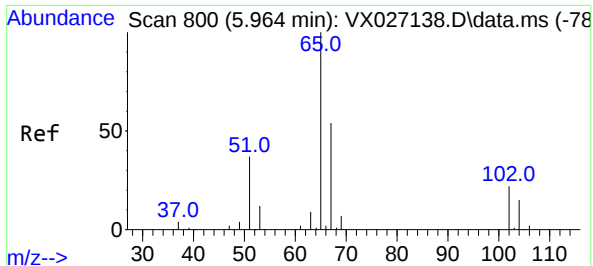


#31
Cyclohexane
Concen: 0.964 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 56 Resp: 1435

Ion	Ratio	Lower	Upper
56	100		
69	180.7	25.8	38.6#
84	144.7	68.9	103.3#

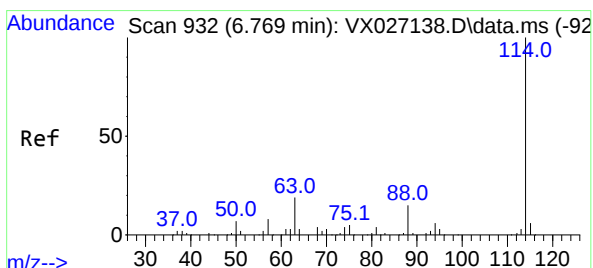
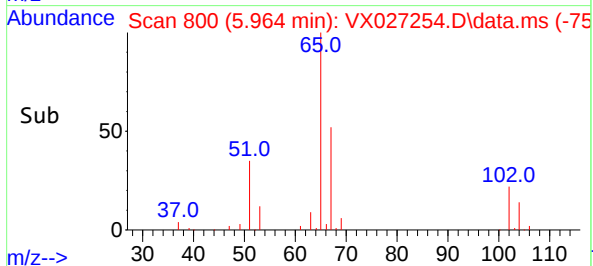
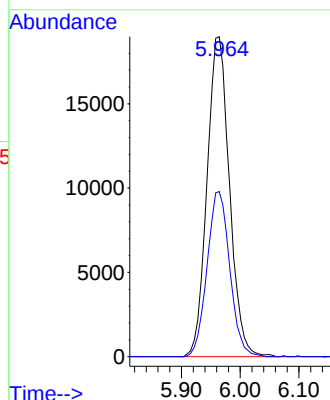
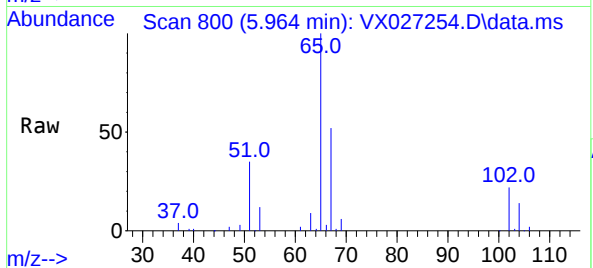




#33
1,2-Dichloroethane-d4
Concen: 50.721 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

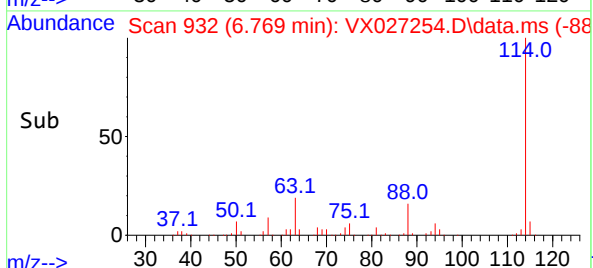
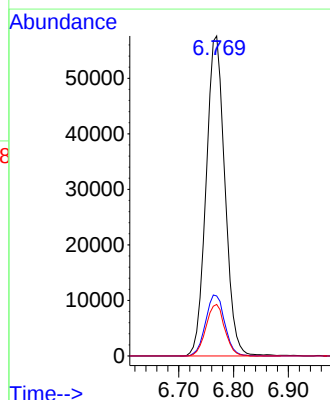
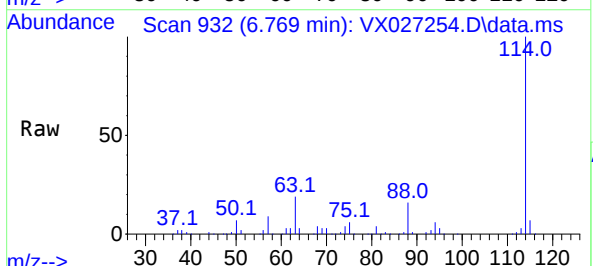
Instrument :
MSVOA_X
ClientSampleId :
MW-36

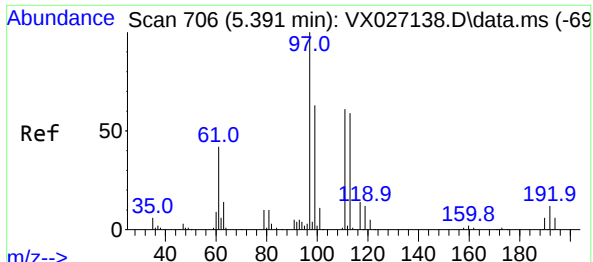
Tgt Ion: 65 Resp: 50394
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 114 Resp: 136408
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.8
88 16.1 0.0 33.0



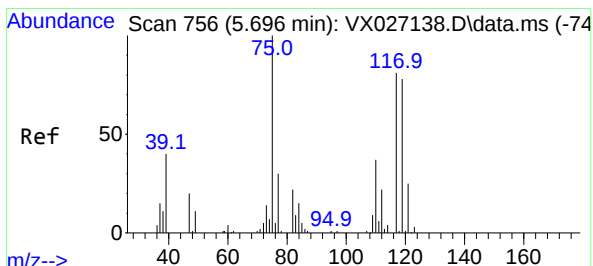
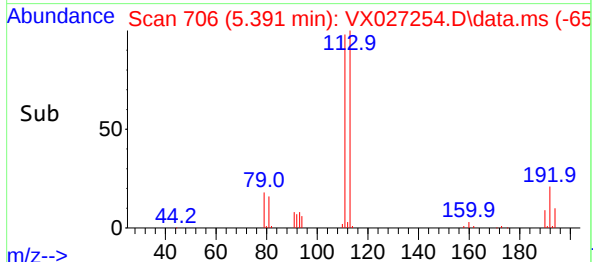
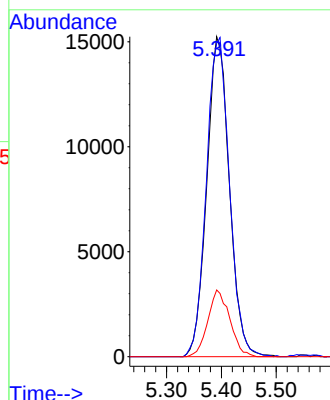
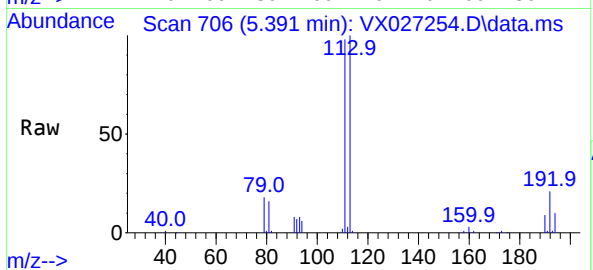


#35
Dibromofluoromethane
Concen: 51.511 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion:113 Resp: 43615

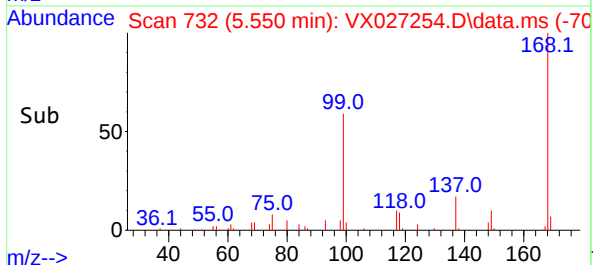
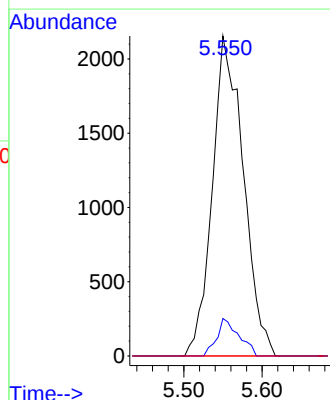
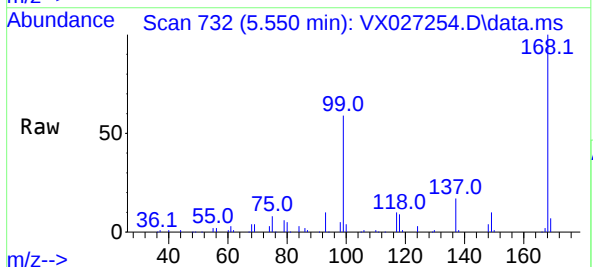
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.2	121.8
192	20.3	15.0	22.4

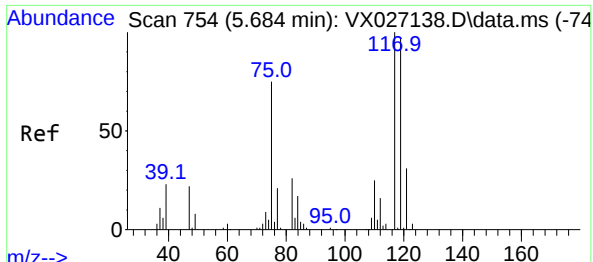


#36
1,1-Dichloropropene
Concen: 4.794 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 75 Resp: 5924

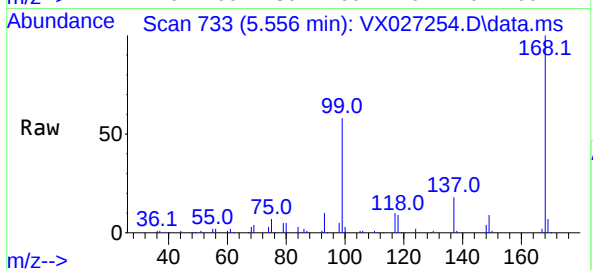
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.2	51.6#
77	0.0	24.6	36.8#



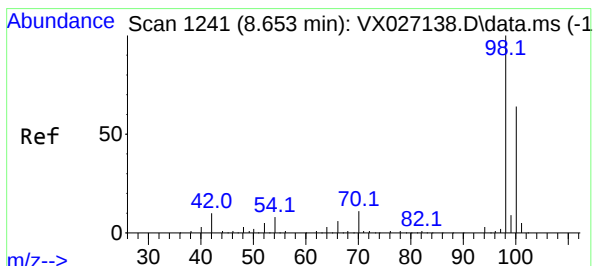
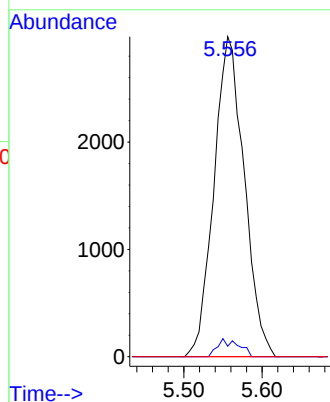
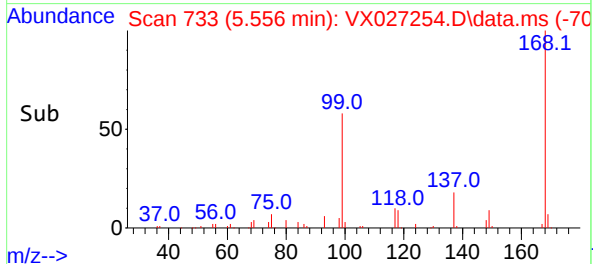


#38
Carbon Tetrachloride
Concen: 6.211 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-36

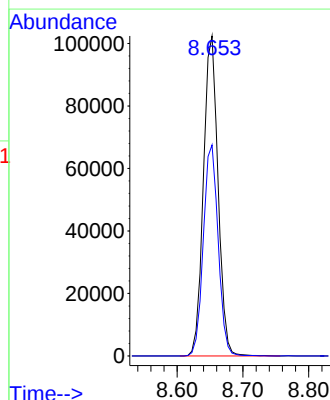
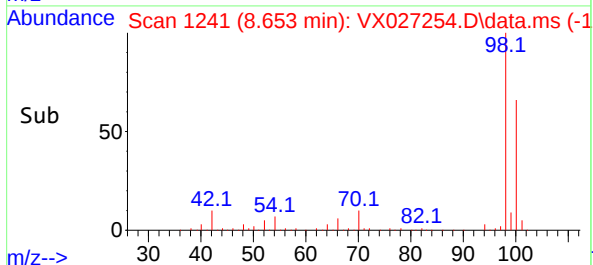
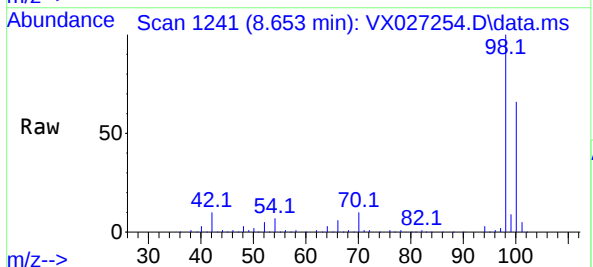


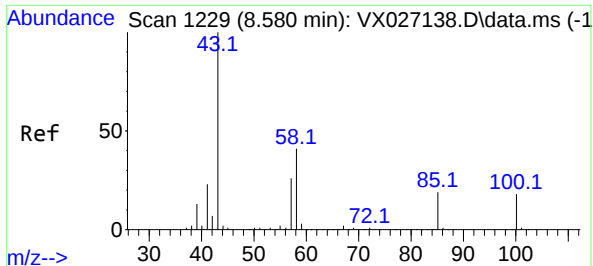
Tgt Ion:117 Resp: 8005
Ion Ratio Lower Upper
117 100
119 3.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.005 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 98 Resp: 158312
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

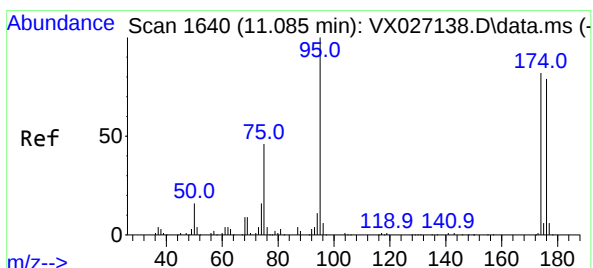
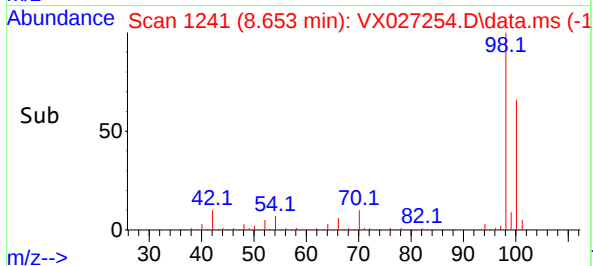
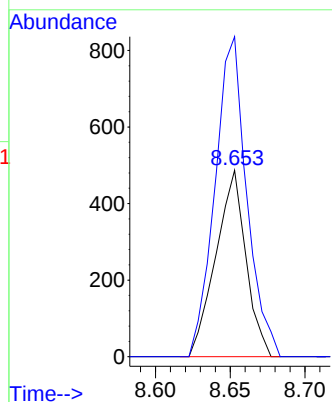
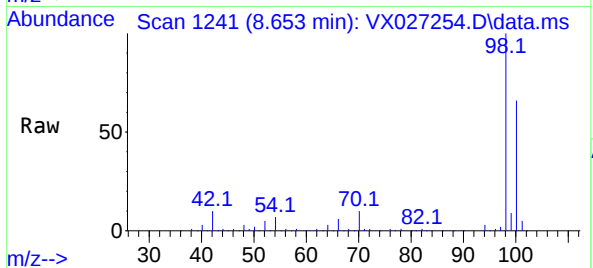




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

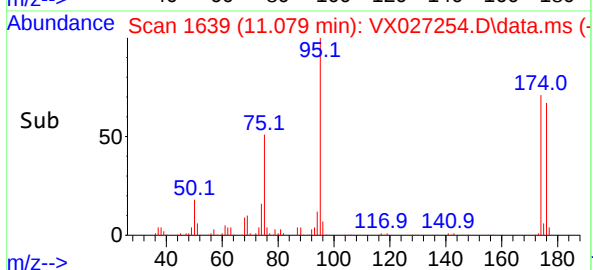
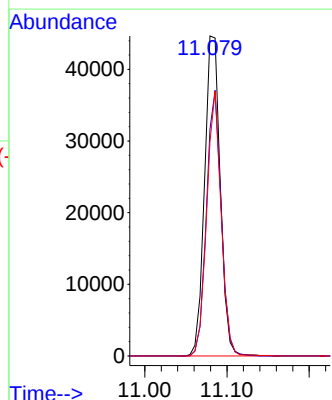
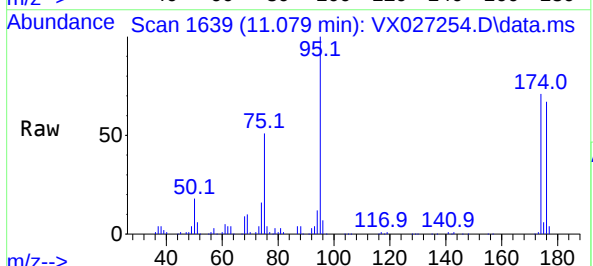
Instrument :
MSVOA_X
ClientSampleId :
MW-36

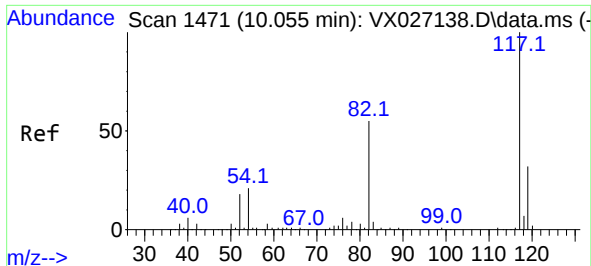
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 180.9 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 48.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 95 Resp: 59126
Ion Ratio Lower Upper
95 100
174 78.2 0.0 148.6
176 76.1 0.0 141.4

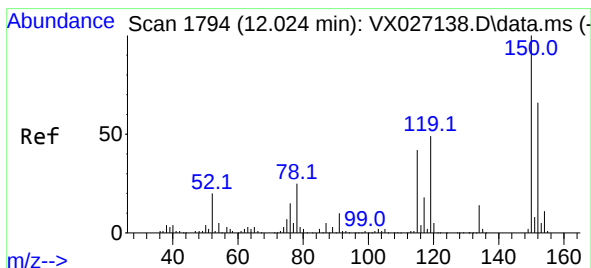
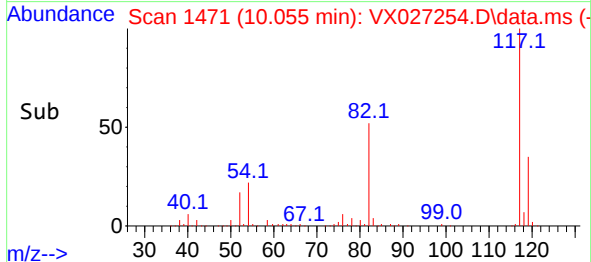
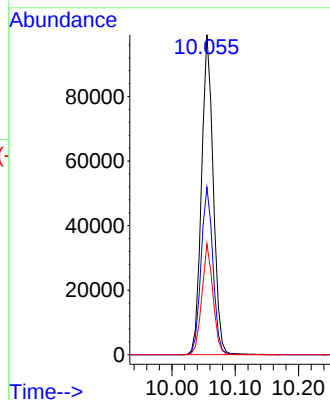
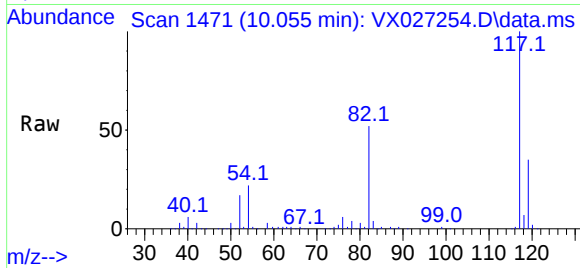




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

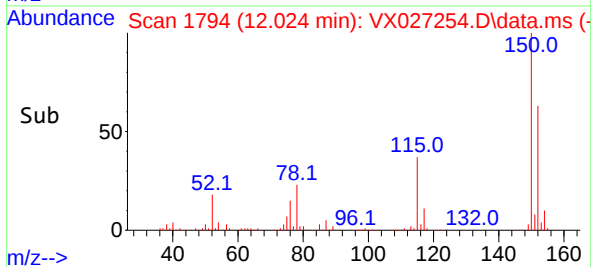
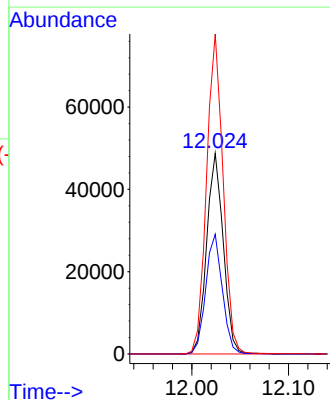
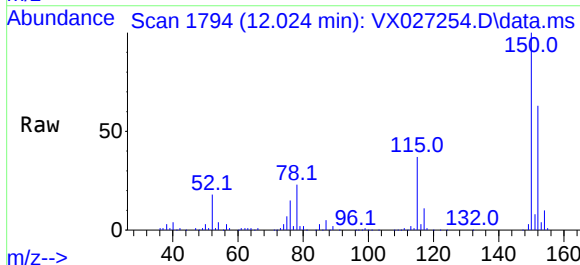
Instrument :
MSVOA_X
ClientSampleId :
MW-36

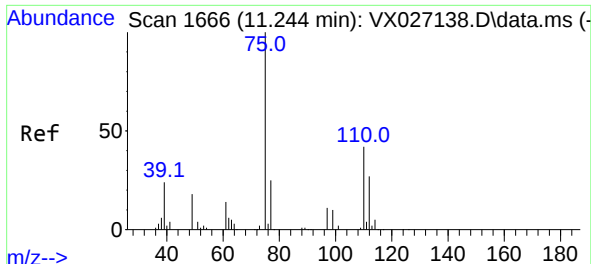
Tgt Ion:117 Resp: 127950
Ion Ratio Lower Upper
117 100
82 52.3 45.2 67.8
119 34.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion:152 Resp: 58441
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 158.3 0.0 348.2

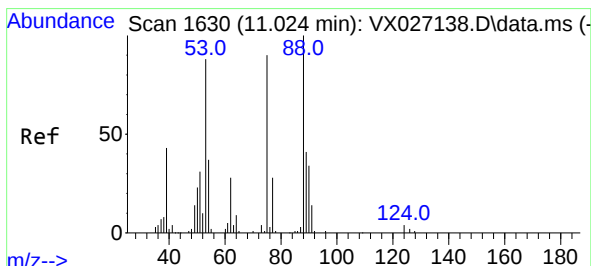
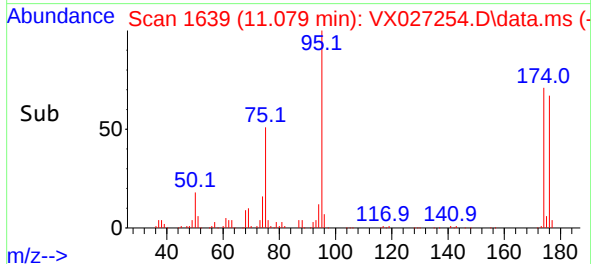
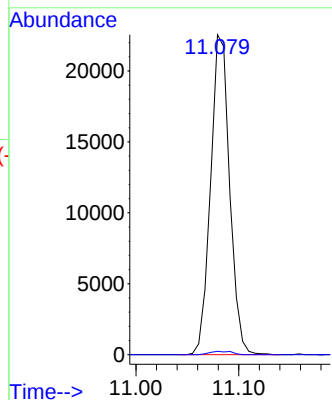
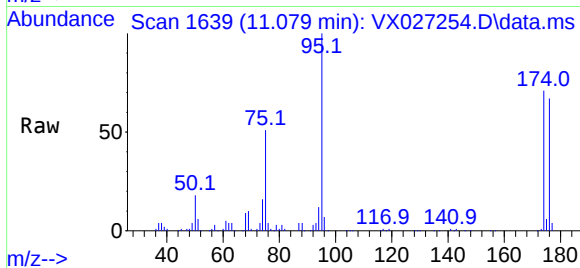




#76
1,2,3-Trichloropropane
Concen: 24.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion: 75 Resp: 29013
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027254.D
Acq: 01 Mar 2022 17:27

Tgt Ion: 75 Resp: 29013
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

