

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042988.D
 Acq On : 09 Aug 2024 11:52
 Operator : JC/MD
 Sample : VX0809WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 16:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

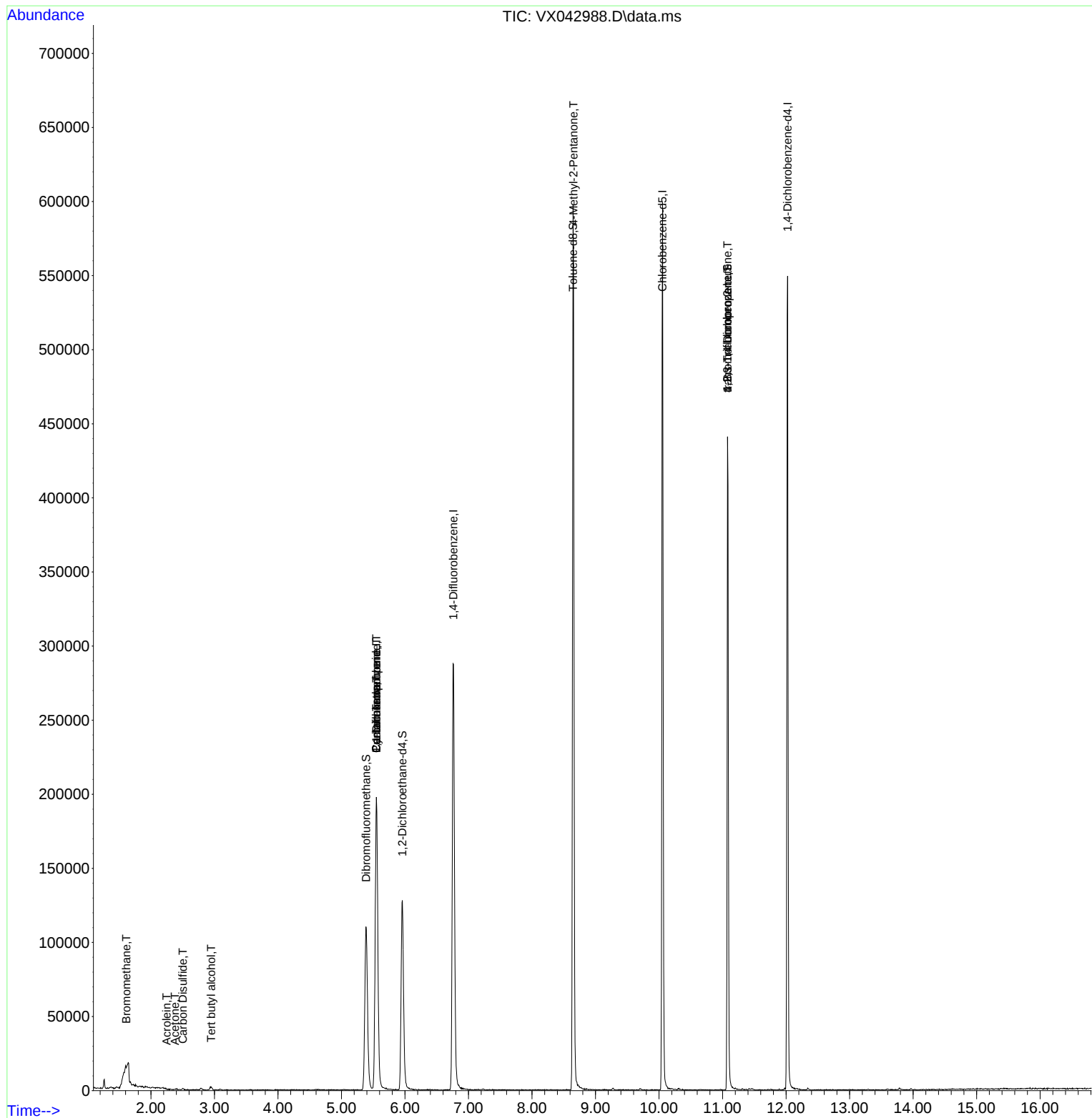
Internal Standards						
1) Pentafluorobenzene	5.550	168	186614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129016	50.361	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.720%			
35) Dibromofluoromethane	5.385	113	98581	50.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.647	98	362941	52.079	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.160%			
62) 4-Bromofluorobenzene	11.079	95	120842	48.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.500%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	882	0.701	ug/l #	62
11) Tert butyl alcohol	2.946	59	1020	2.002	ug/l #	78
13) Acrolein	2.245	56	164	0.327	ug/l #	63
16) Acetone	2.380	43	642	0.578	ug/l #	47
17) Carbon Disulfide	2.501	76	1313	0.262	ug/l #	76
20) Methylene Chloride	2.806	84	654	Below Cal	#	19
31) Cyclohexane	5.550	56	4272	1.333	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14822	5.569	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20278	6.749	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1587	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	62446	23.247	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62446	75.588	ug/l #	5

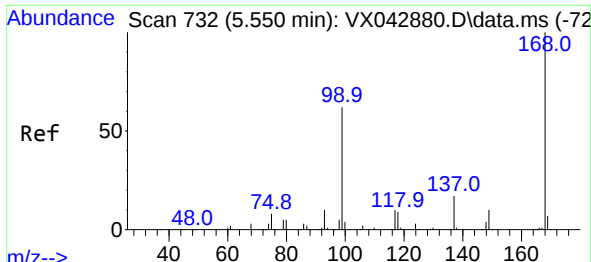
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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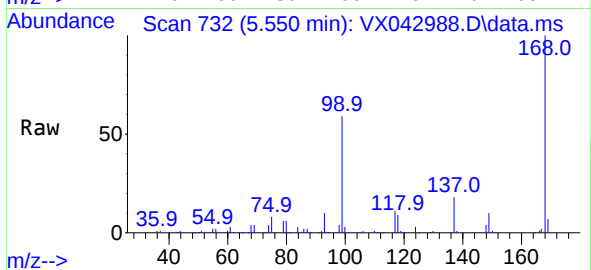
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration



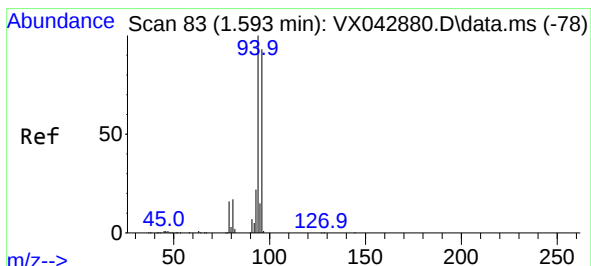
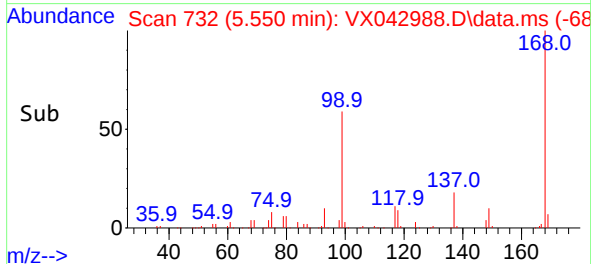
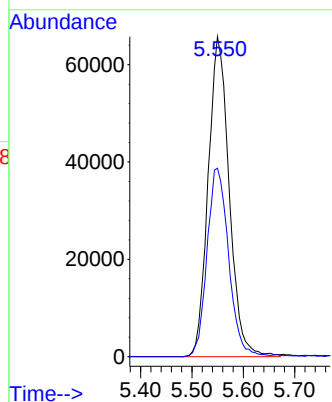


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :

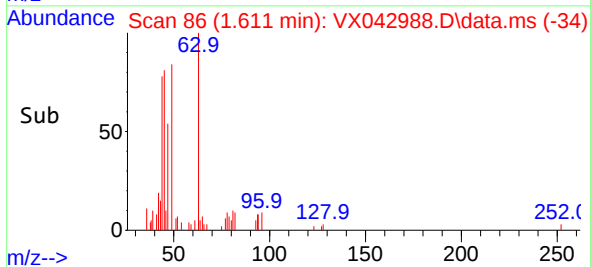
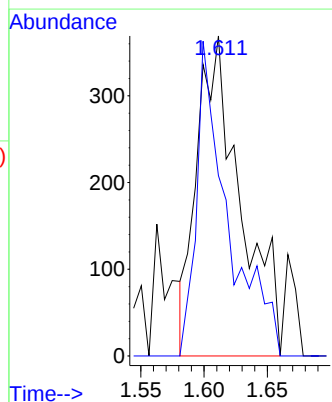
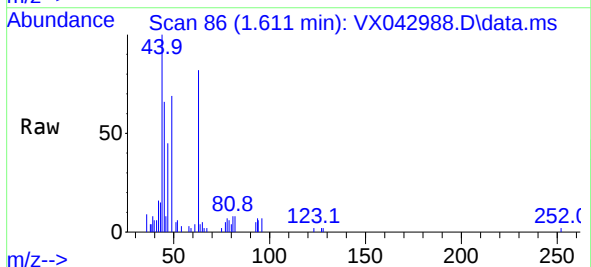


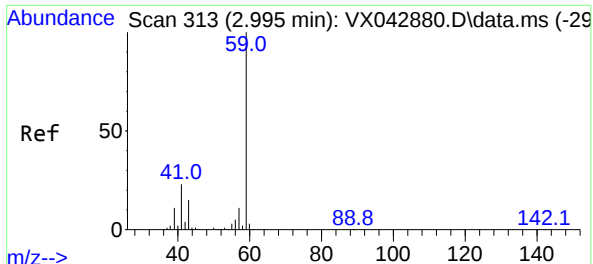
Tgt Ion:168 Resp: 186614
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#5
Bromomethane
Concen: 0.701 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Tgt Ion: 94 Resp: 882
Ion Ratio Lower Upper
94 100
96 56.4 74.6 111.8#

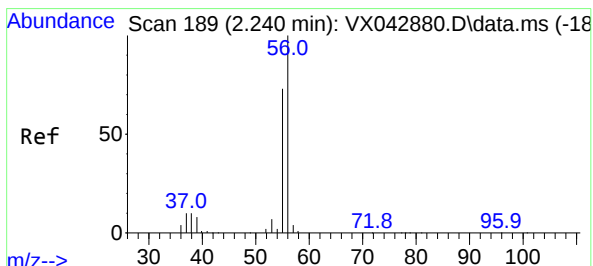
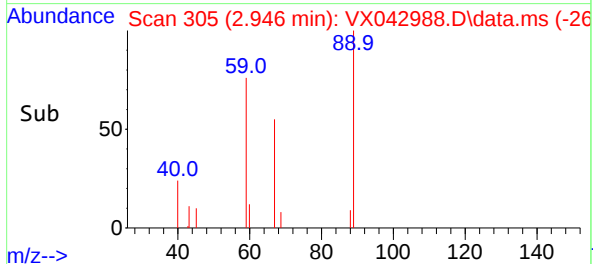
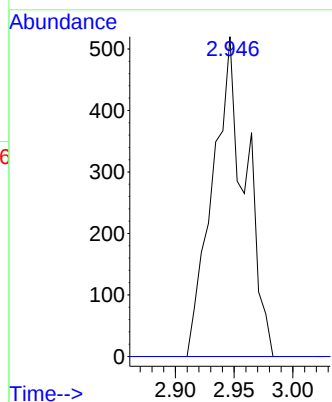
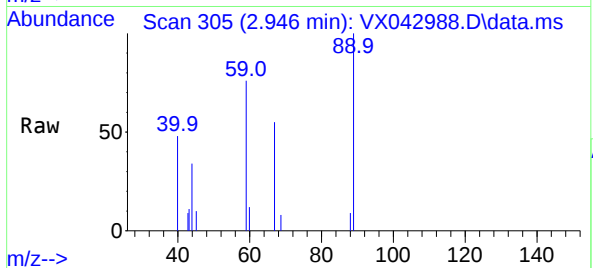




#11
Tert butyl alcohol
Concen: 2.002 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

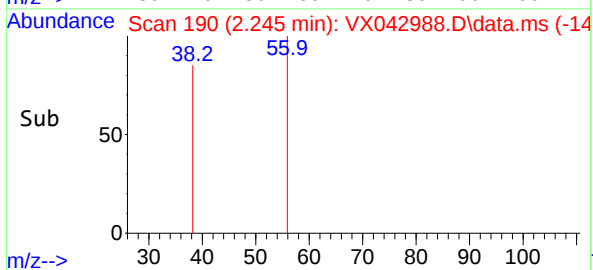
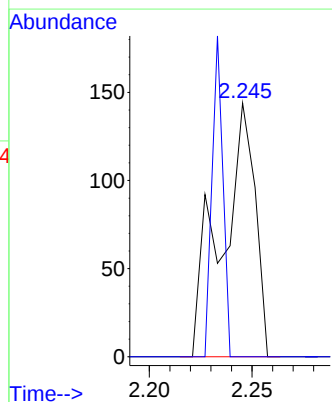
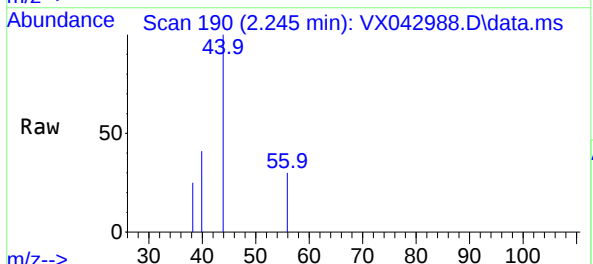
Instrument :
MSVOA_X
ClientSampleId :

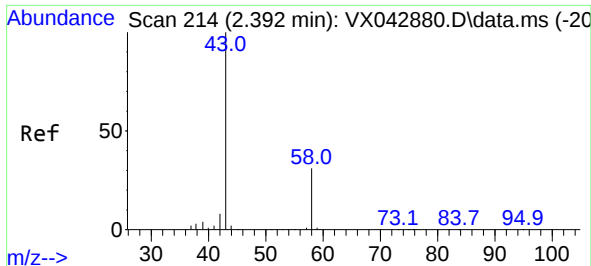
Tgt Ion: 59 Resp: 1020
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.327 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 40.9 57.1 85.7#

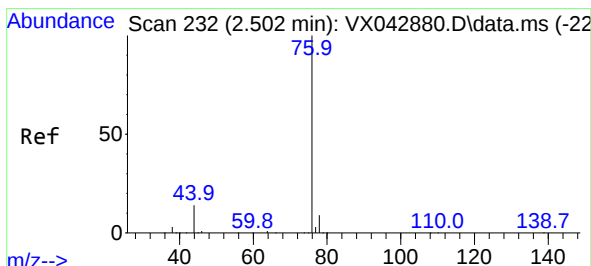
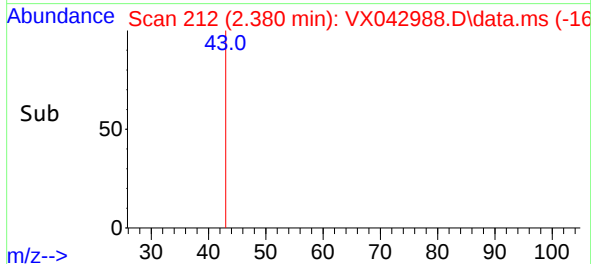
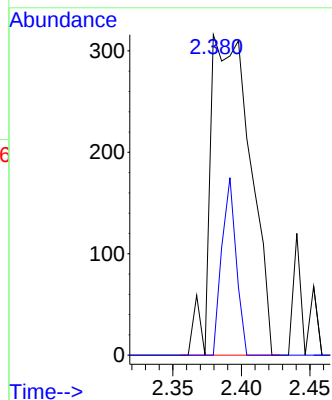
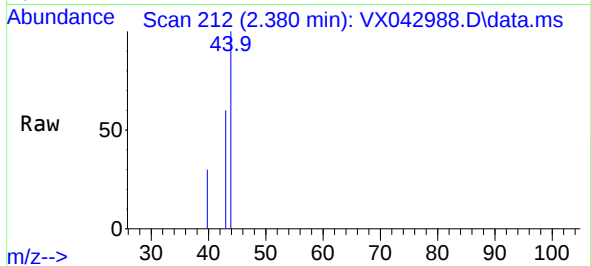




#16
Acetone
Concen: 0.578 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

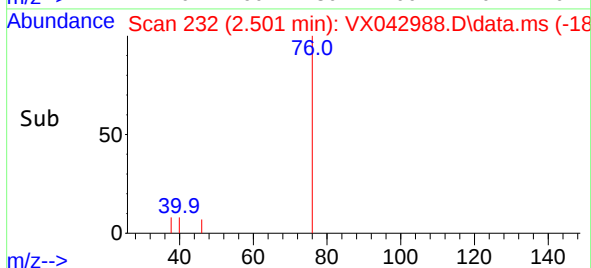
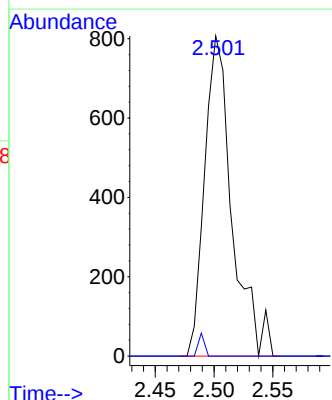
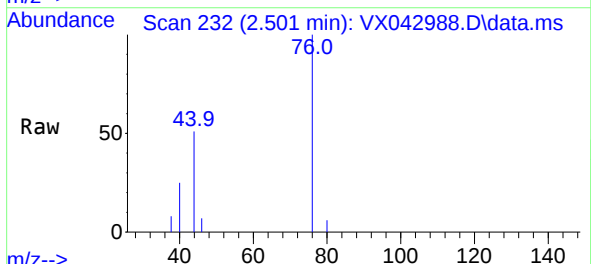
Instrument :
MSVOA_X
ClientSampleId :

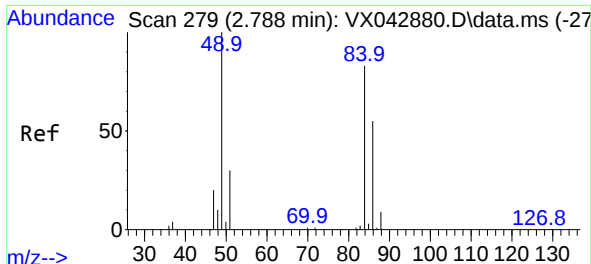
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

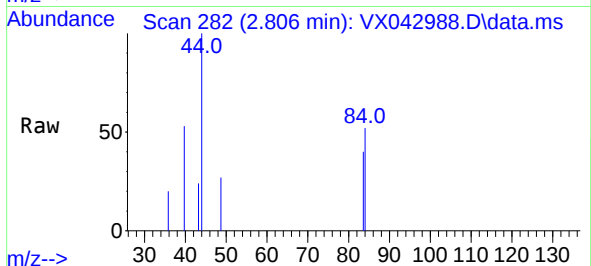
Tgt Ion: 76 Resp: 1313
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



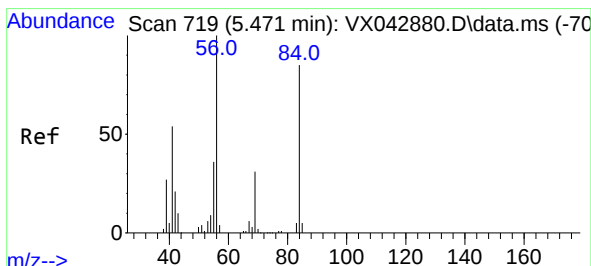
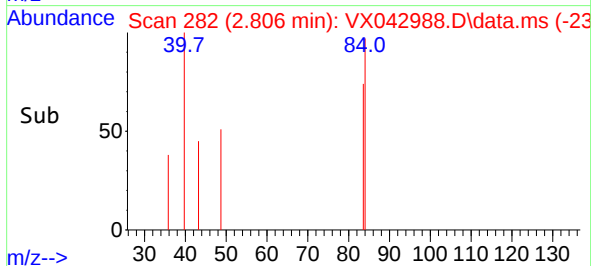
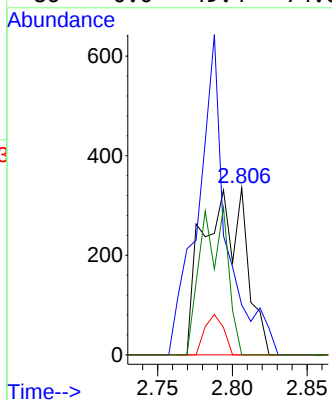


#20
Methylene Chloride
Concen: Below Cal
RT: 2.806 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :

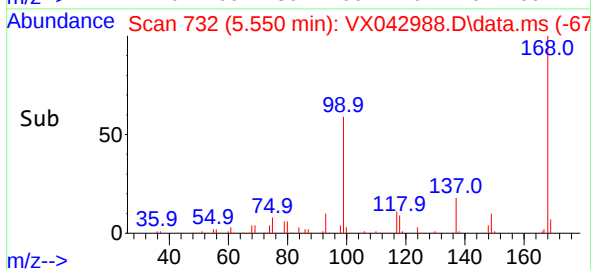
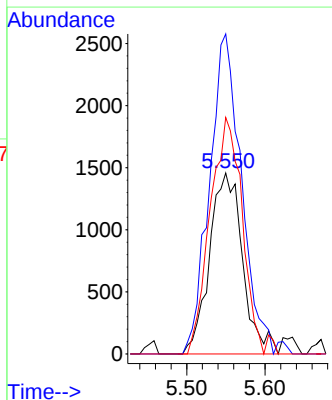
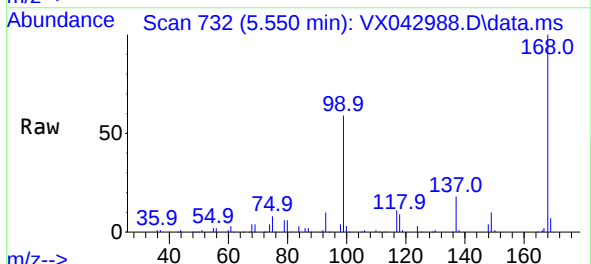


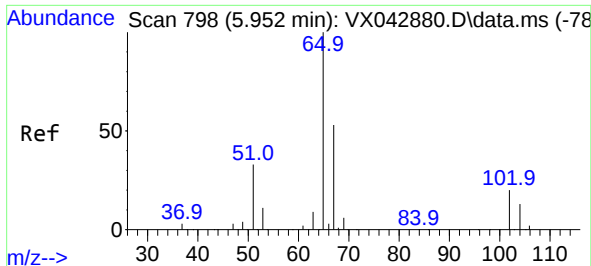
Tgt Ion: 84 Resp: 654
Ion Ratio Lower Upper
84 100
49 29.9 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

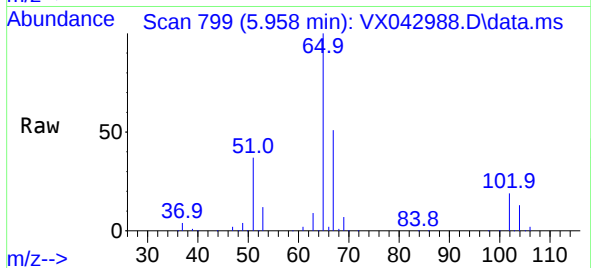
Tgt Ion: 56 Resp: 4272
Ion Ratio Lower Upper
56 100
69 176.7 23.4 35.2#
84 130.7 65.9 98.9#



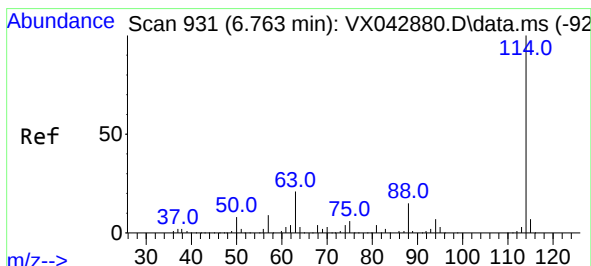
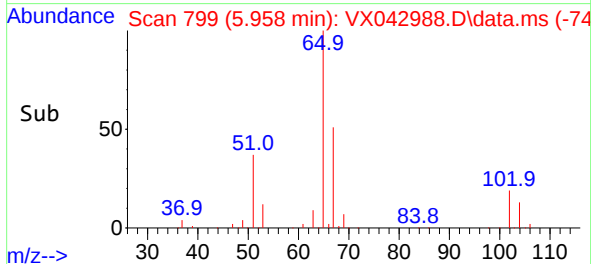
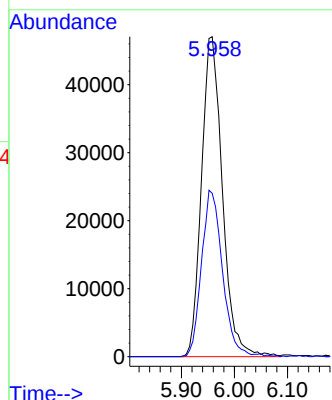


#33
1,2-Dichloroethane-d4
Concen: 50.361 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Instrument :
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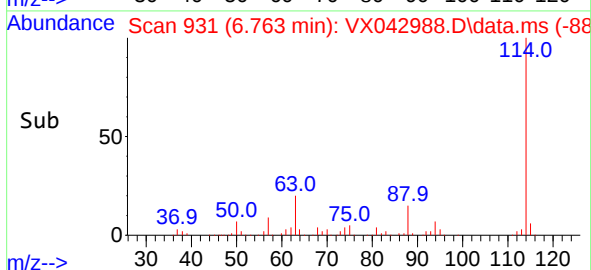
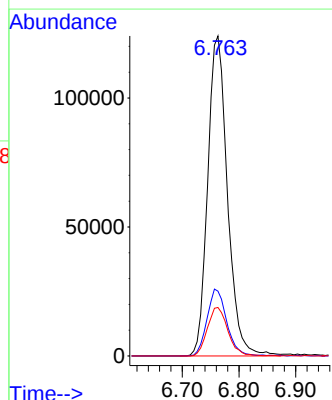
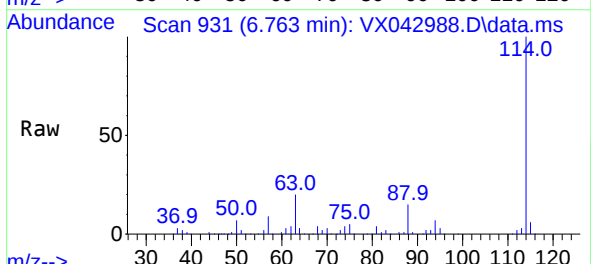


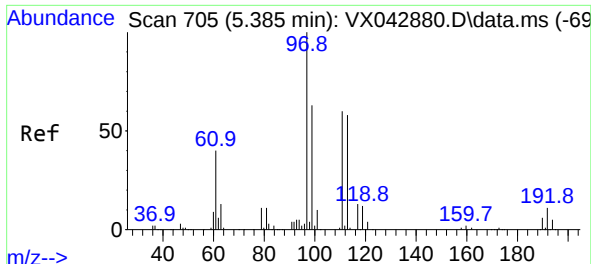
Tgt Ion: 65 Resp: 129016
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

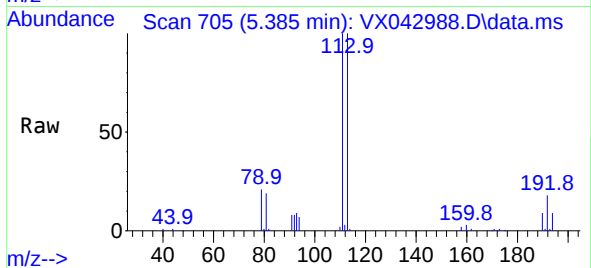
Tgt Ion: 114 Resp: 300238
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.2 0.0 36.6



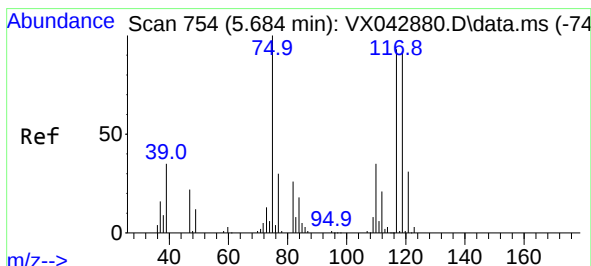
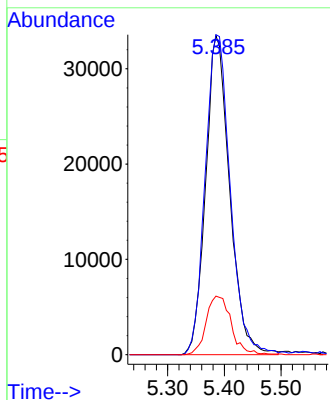
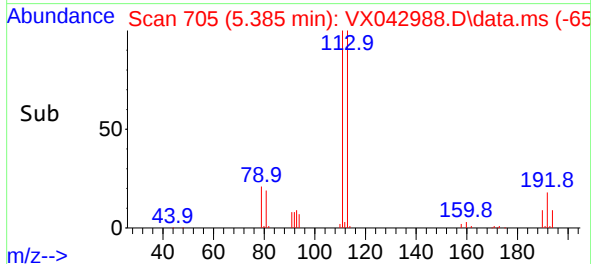


#35
Dibromofluoromethane
Concen: 50.217 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :

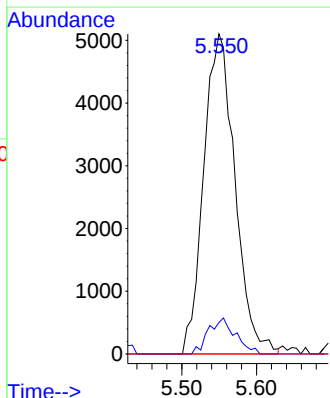
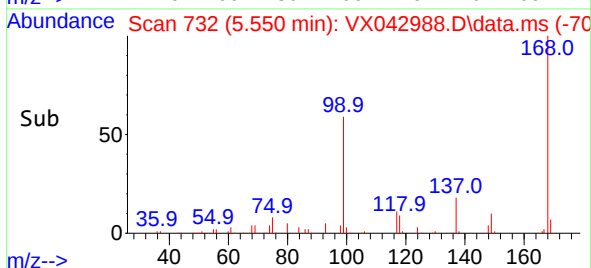
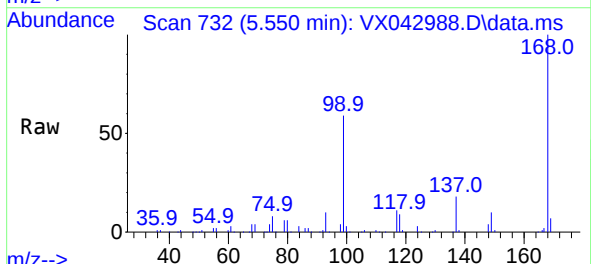


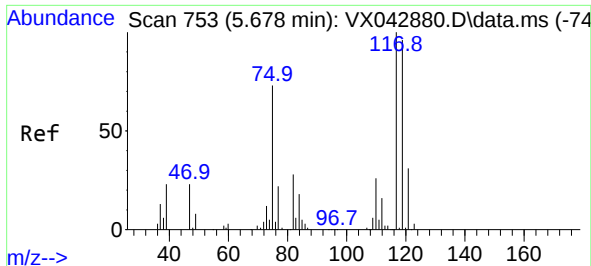
Tgt Ion:113 Resp: 98581
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.569 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

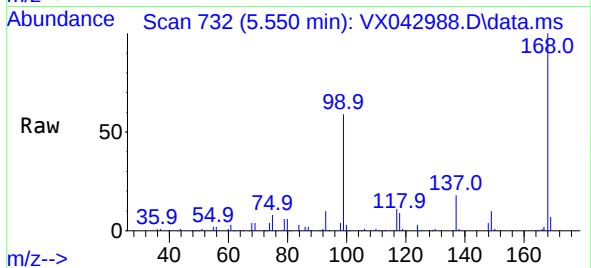
Tgt Ion: 75 Resp: 14822
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



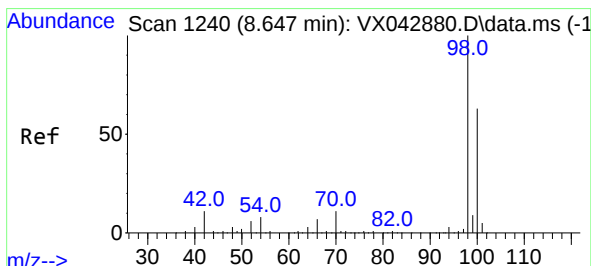
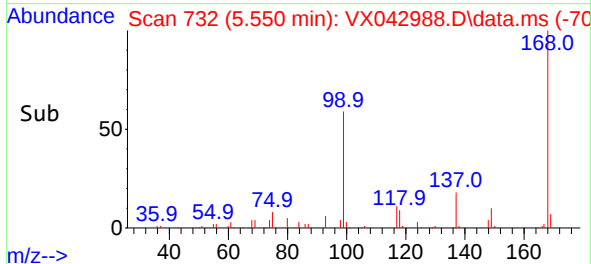
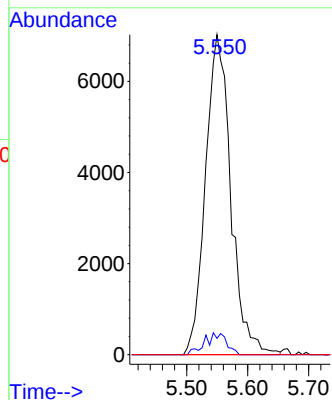


#38
Carbon Tetrachloride
Concen: 6.749 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :

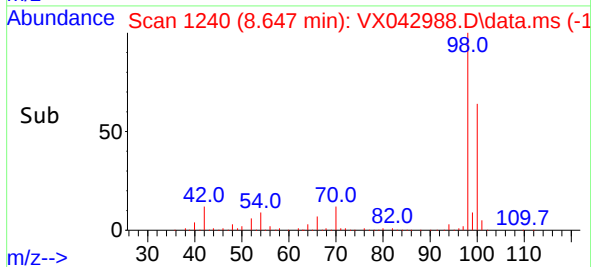
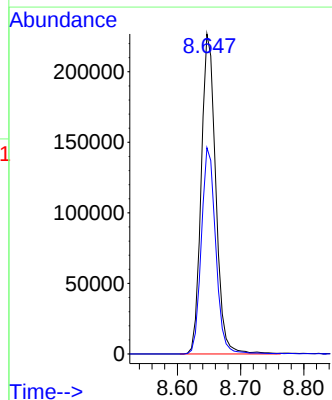
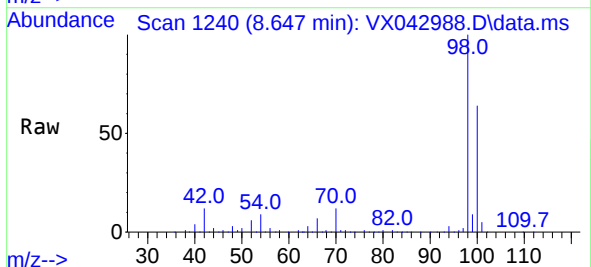


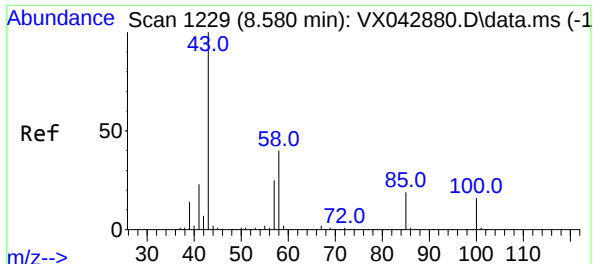
Tgt Ion:117 Resp: 20278
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 52.079 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Tgt Ion: 98 Resp: 362941
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX042988.D

Acq: 09 Aug 2024 11:52

Instrument :

MSVOA_X

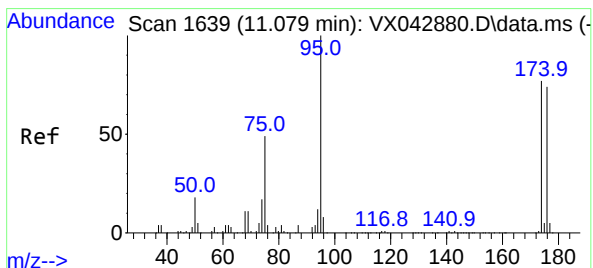
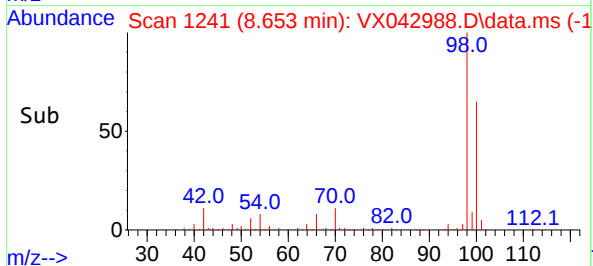
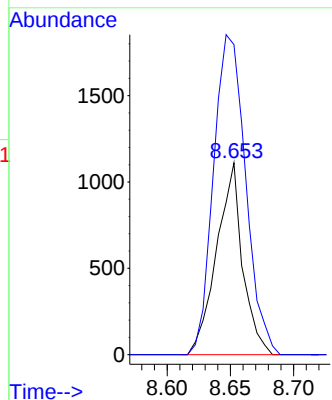
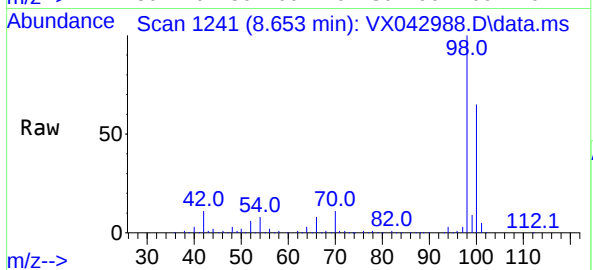
ClientSampleId :

Tgt Ion: 43 Resp: 1587

Ion Ratio Lower Upper

43 100

58 205.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042988.D

Acq: 09 Aug 2024 11:52

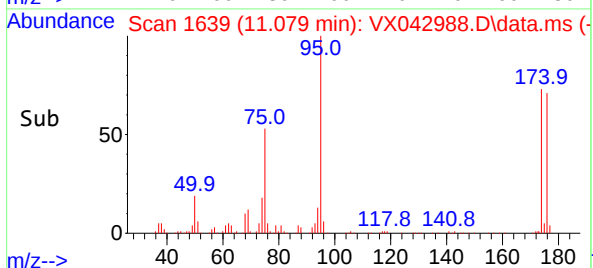
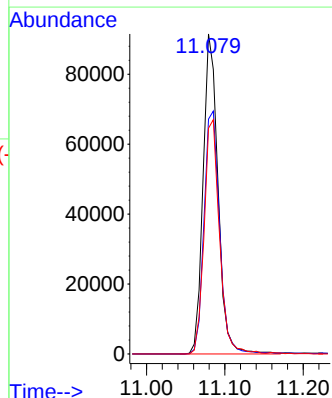
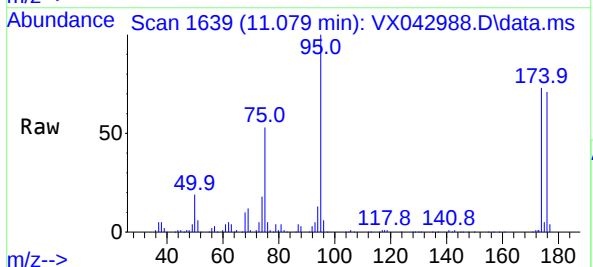
Tgt Ion: 95 Resp: 120842

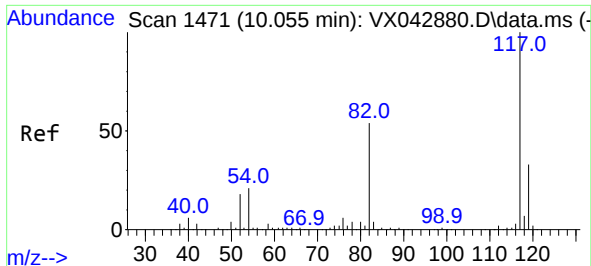
Ion Ratio Lower Upper

95 100

174 79.9 0.0 135.6

176 75.4 0.0 131.0

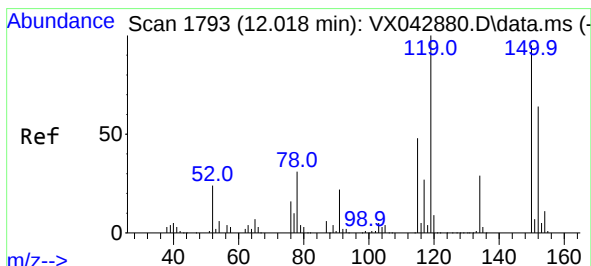
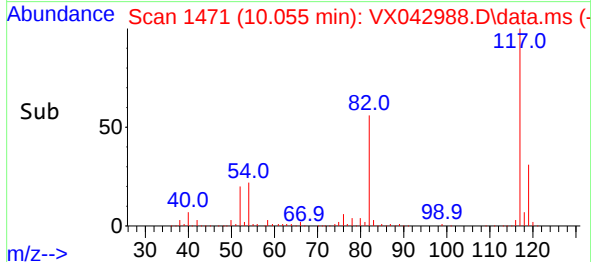
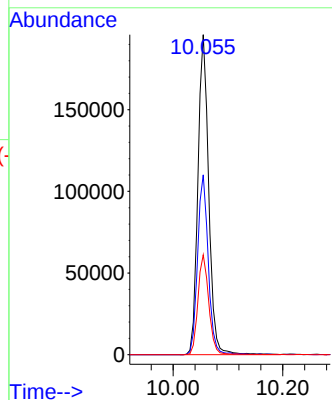
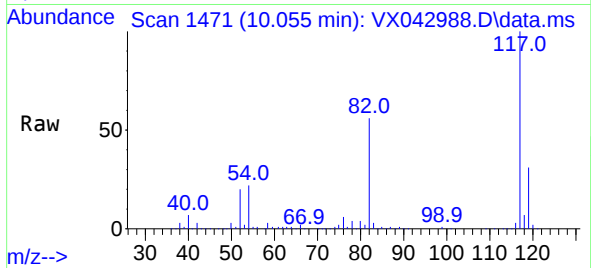




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

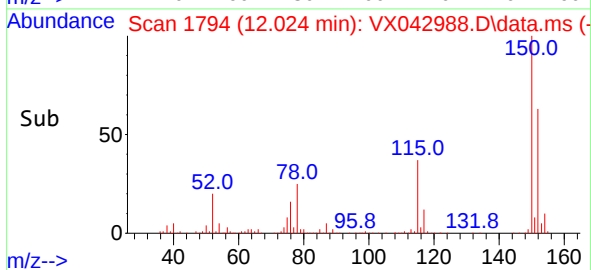
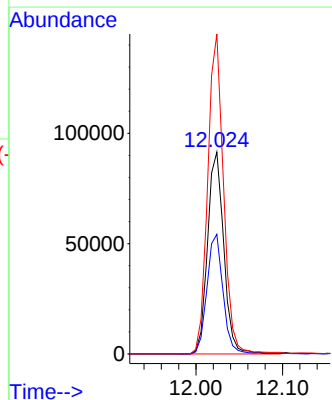
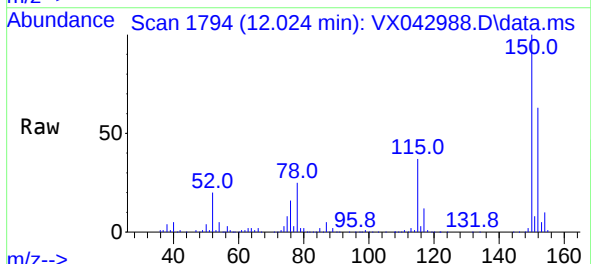
Instrument :
MSVOA_X
ClientSampleId :

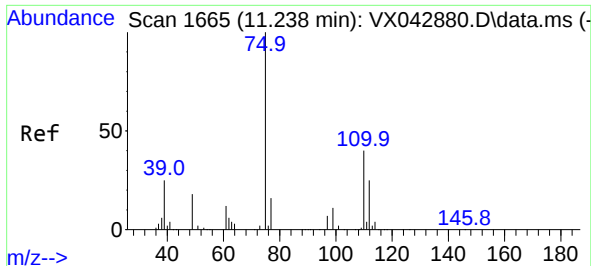
Tgt Ion:117 Resp: 269204
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Tgt Ion:152 Resp: 119442
Ion Ratio Lower Upper
152 100
115 58.6 43.3 129.9
150 154.2 0.0 345.0

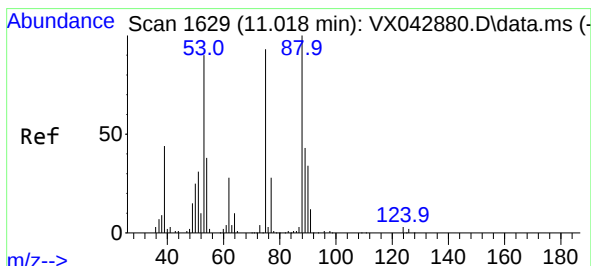
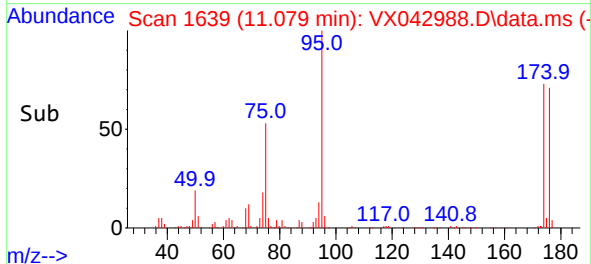
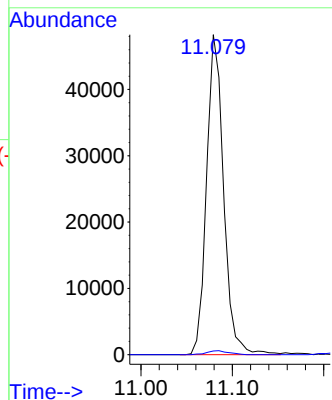
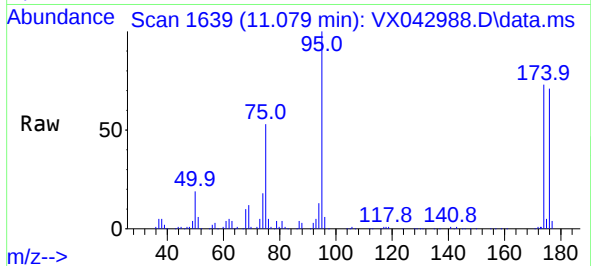




#76
1,2,3-Trichloropropane
Concen: 23.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62446
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042988.D
Acq: 09 Aug 2024 11:52

Tgt Ion: 75 Resp: 62446
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

