

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025333.D
 Acq On : 24 Nov 2021 17:46
 Operator : JC/MD
 Sample : M4831-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:37:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

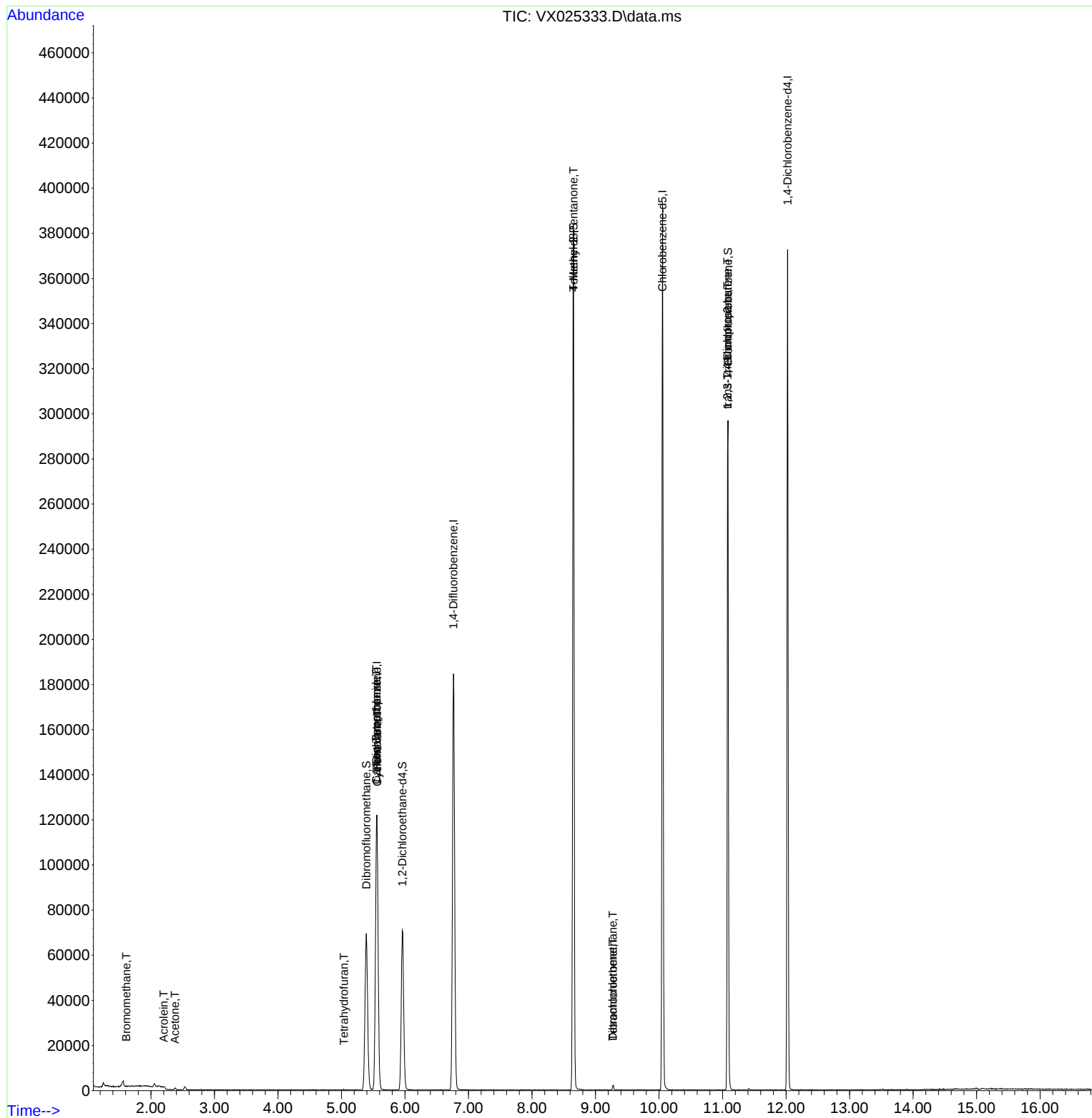
Internal Standards						
1) Pentafluorobenzene	5.556	168	124995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66278	50.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.600%
35) Dibromofluoromethane	5.391	113	59361	48.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.653	98	226338	49.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.085	95	80963	46.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	169	0.267	ug/l	98
11) Tert butyl alcohol	2.953	59	80	Below Cal	#	72
13) Acrolein	2.203	56	68	1.127	ug/l #	13
16) Acetone	2.380	43	895	1.223	ug/l	98
29) Tetrahydrofuran	5.038	42	223	0.340	ug/l #	32
31) Cyclohexane	5.562	56	2267	1.113	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	8631	4.967	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11842	6.187	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	930	0.451	ug/l #	1
60) Dibromochloromethane	9.275	129	413	0.263	ug/l #	11
64) Tetrachloroethene	9.275	164	425	0.287	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	38884	23.607	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38884	59.470	ug/l #	9
95) Naphthalene	13.780	128	138	Below Cal	#	69

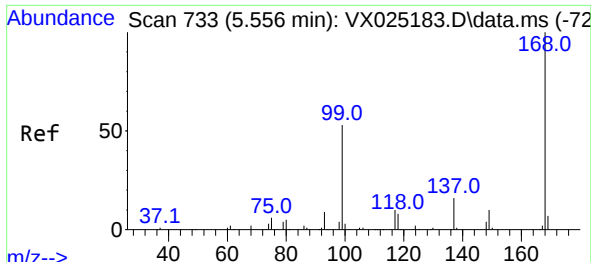
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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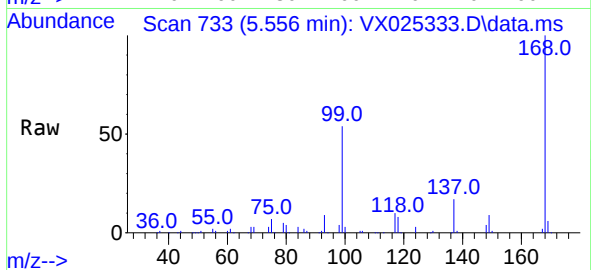
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



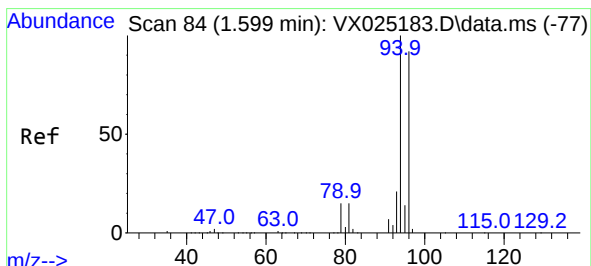
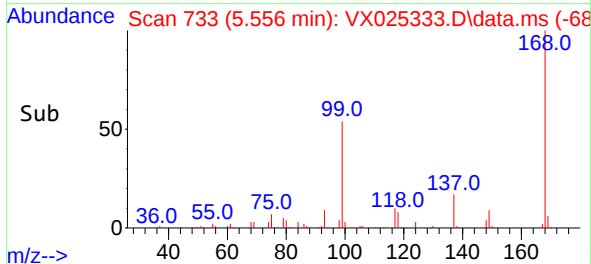
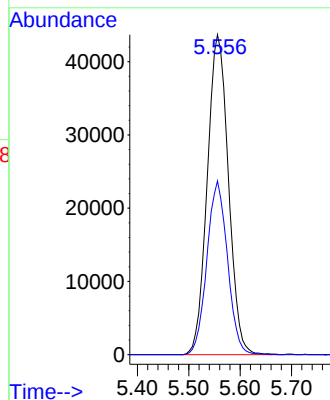


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :

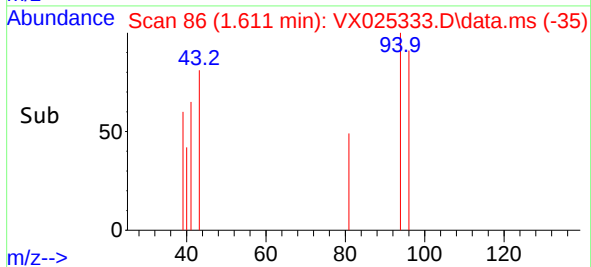
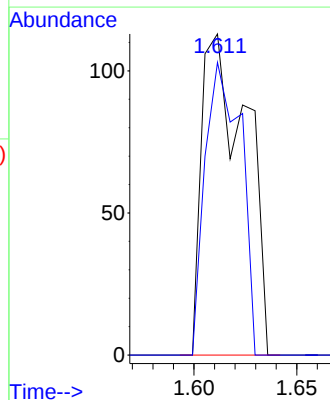
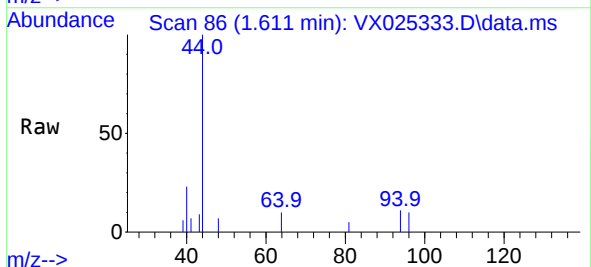


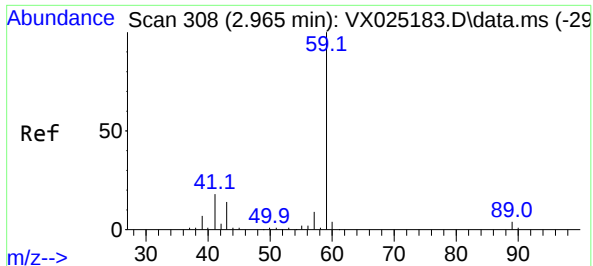
Tgt Ion:168 Resp: 124995
Ion Ratio Lower Upper
168 100
99 54.3 46.4 69.6



#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 91.2 74.8 112.2

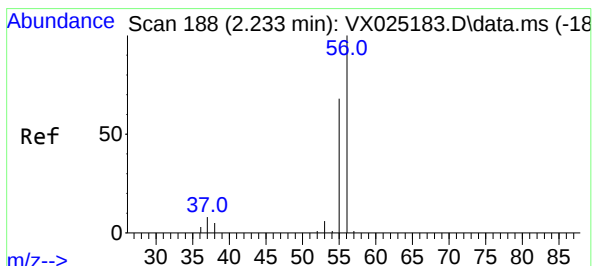
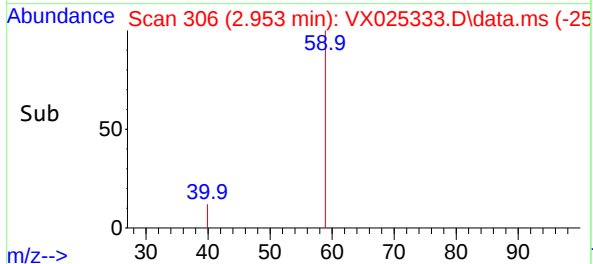
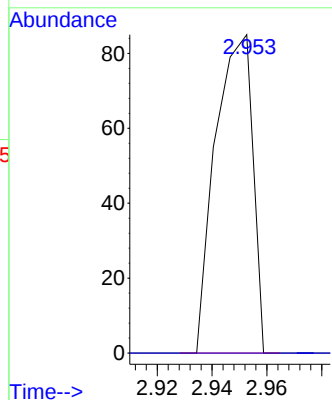
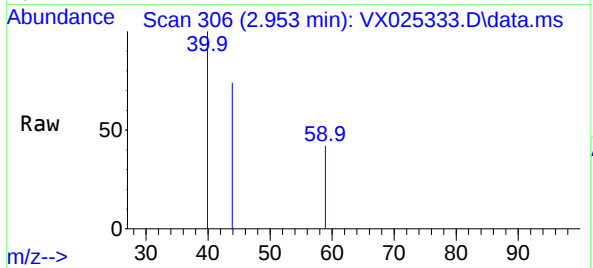




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

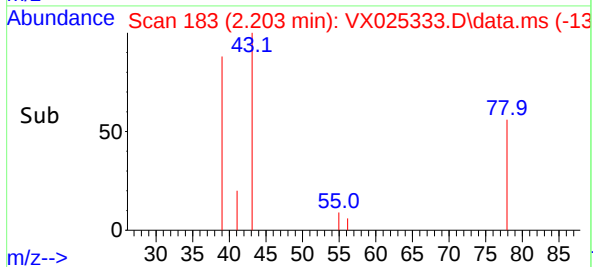
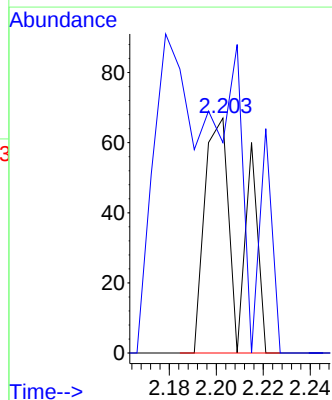
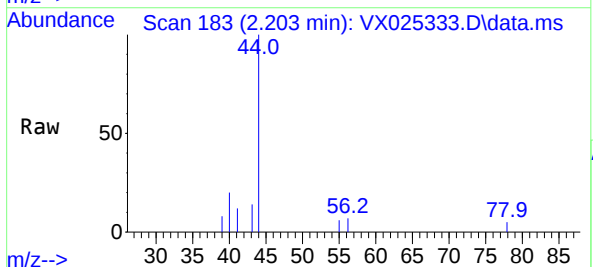
Instrument :
MSVOA_X
ClientSampleId :

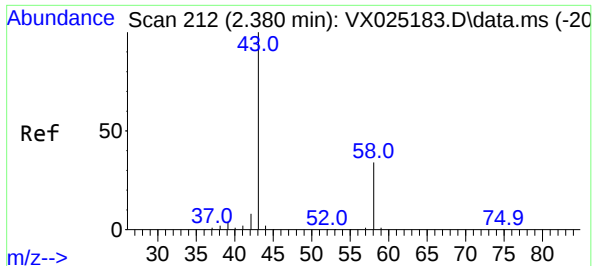
Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 1.127 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.030 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#

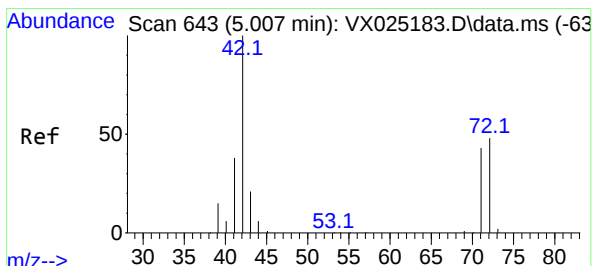
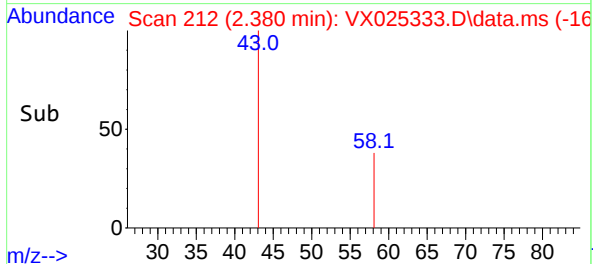
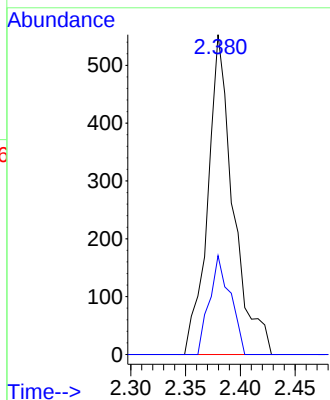
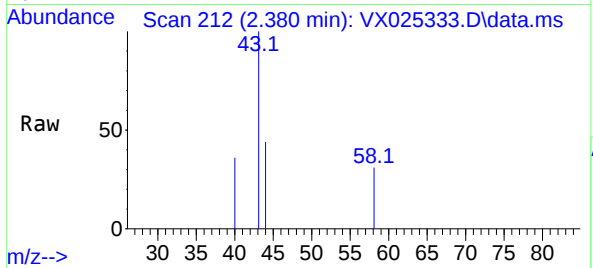




#16
Acetone
Concen: 1.223 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

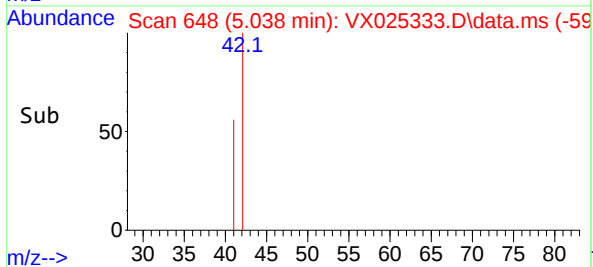
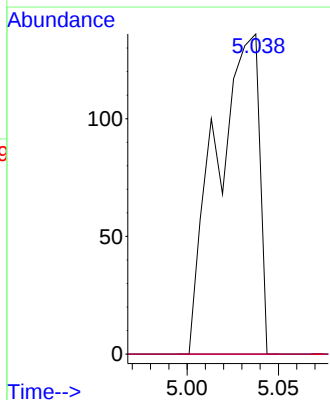
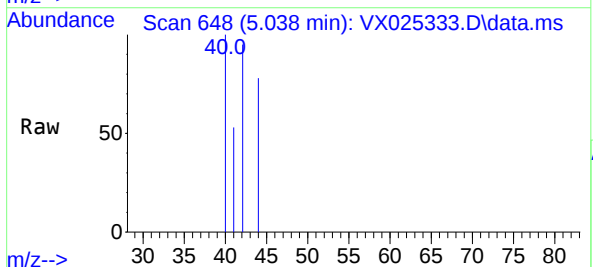
Instrument :
MSVOA_X
ClientSampleId :

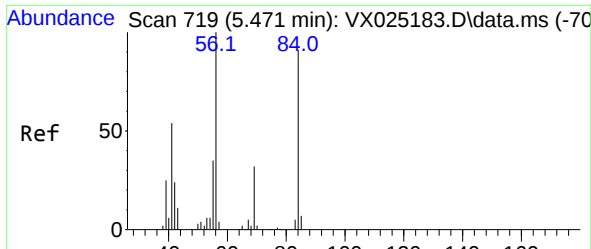
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 30.9 24.0 36.0



#29
Tetrahydrofuran
Concen: 0.340 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

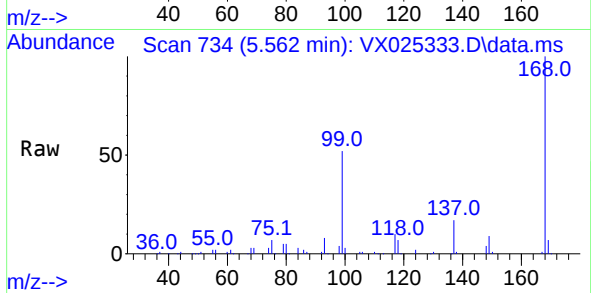
Tgt Ion: 42 Resp: 223
Ion Ratio Lower Upper
42 100
72 0.0 36.1 54.1#
71 0.0 33.7 50.5#



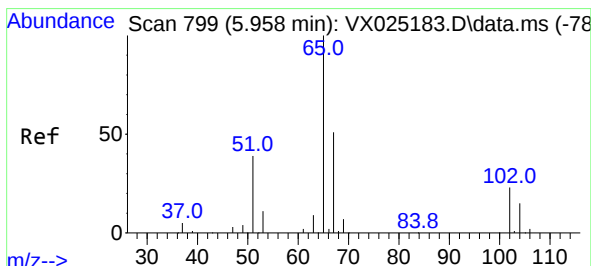
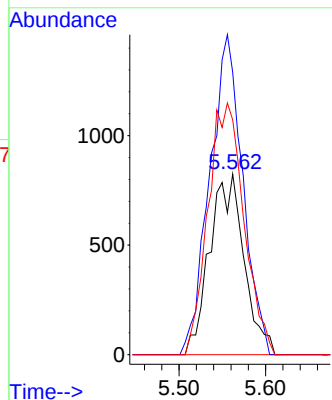
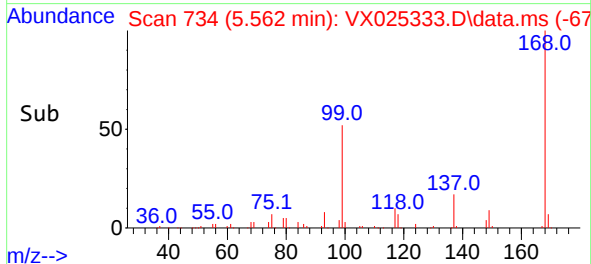


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :

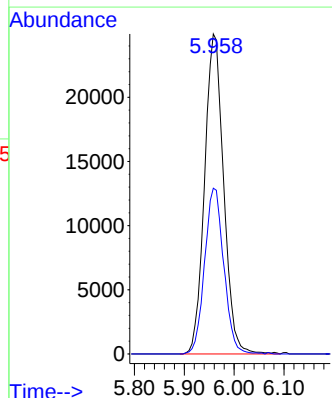
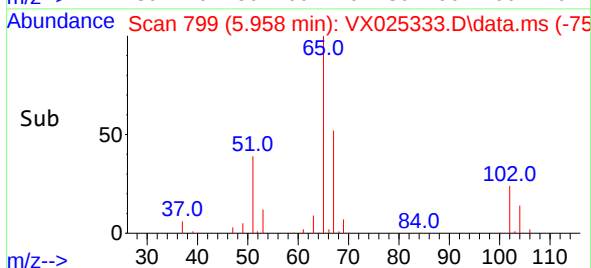
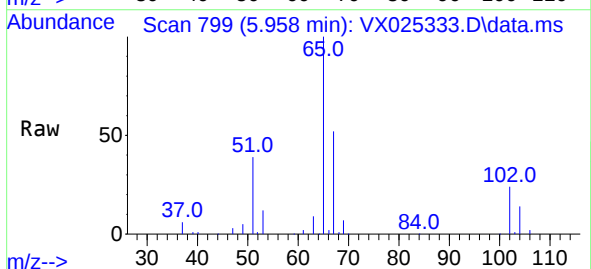


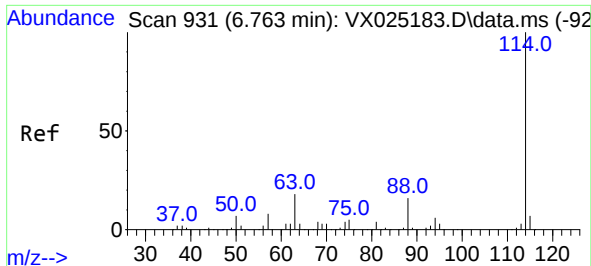
Tgt Ion: 56 Resp: 2267
Ion Ratio Lower Upper
56 100
69 156.4 24.2 36.2#
84 129.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 50.305 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Tgt Ion: 65 Resp: 66278
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.0

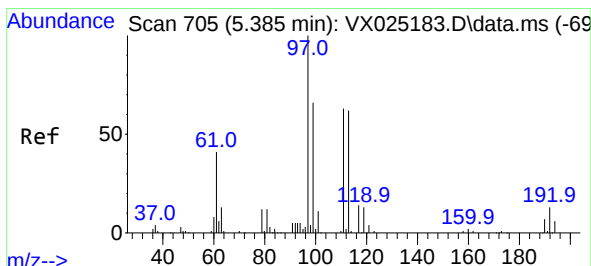
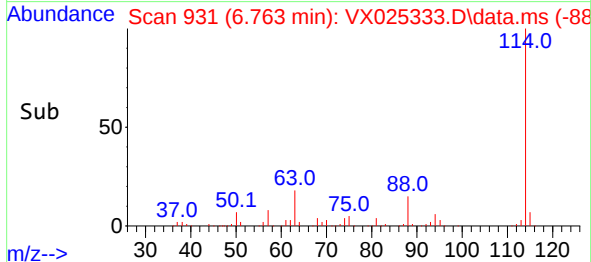
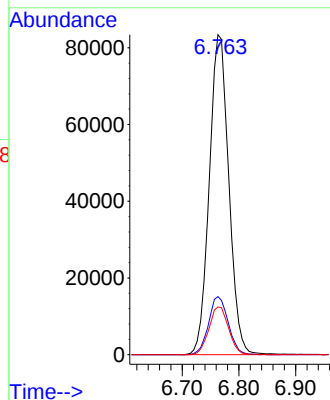
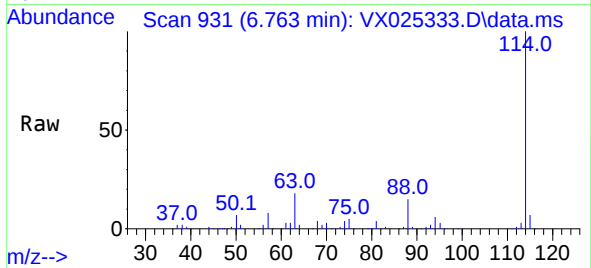




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

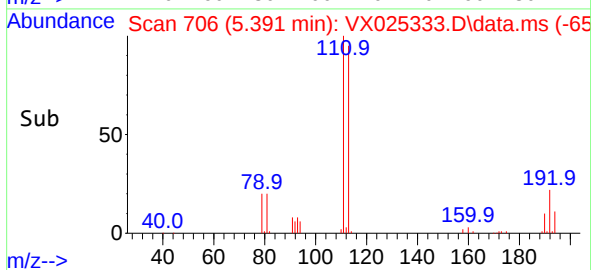
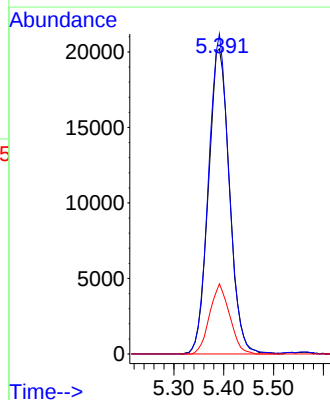
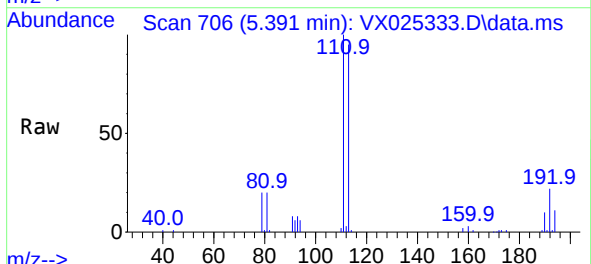
Instrument :
MSVOA_X
ClientSampleId :

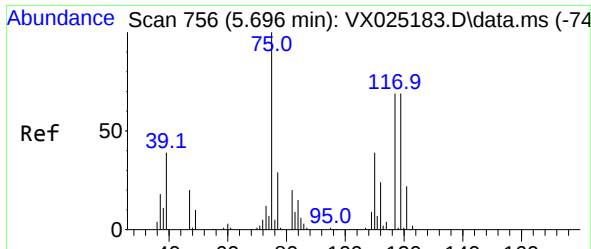
Tgt Ion:114 Resp: 199169
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.576 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

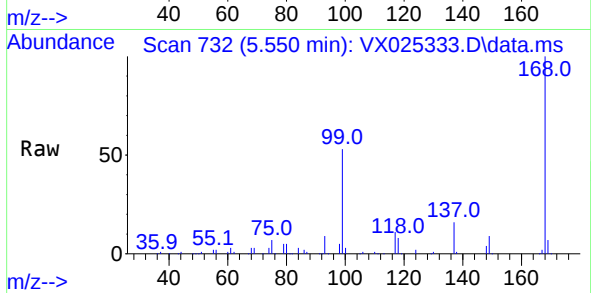
Tgt Ion:113 Resp: 59361
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 21.7 15.6 23.4



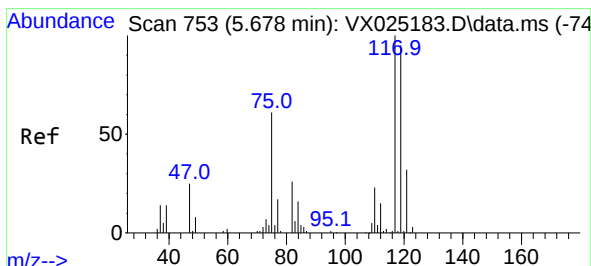
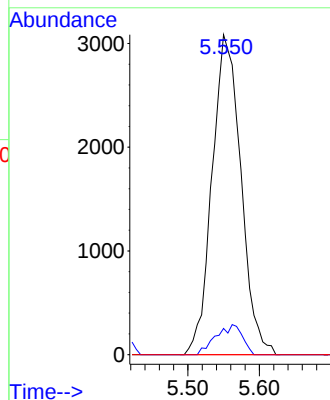
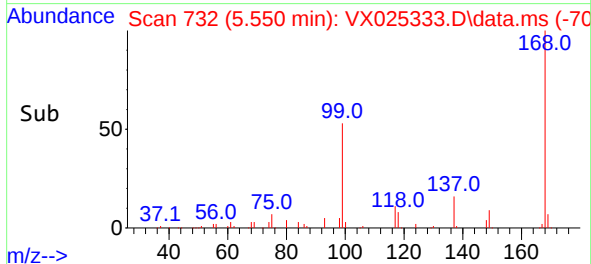


#36
1,1-Dichloropropene
Concen: 4.967 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

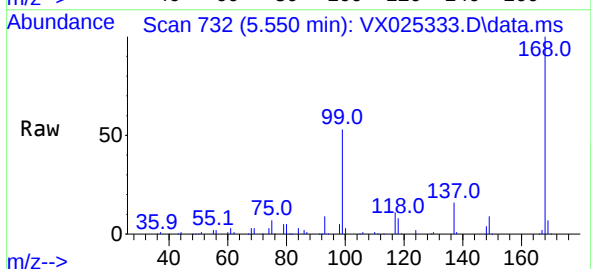
Instrument :
MSVOA_X
ClientSampleId :



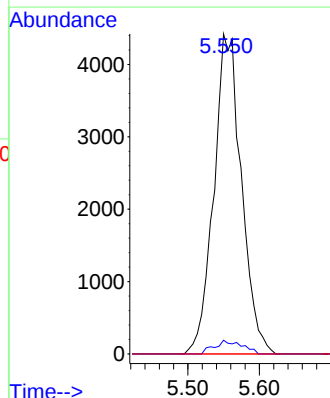
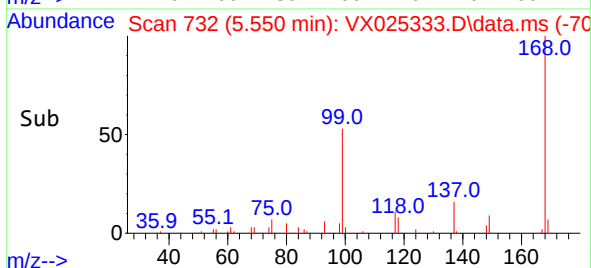
Tgt Ion: 75 Resp: 8631
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.3#
77 0.0 24.4 36.6#

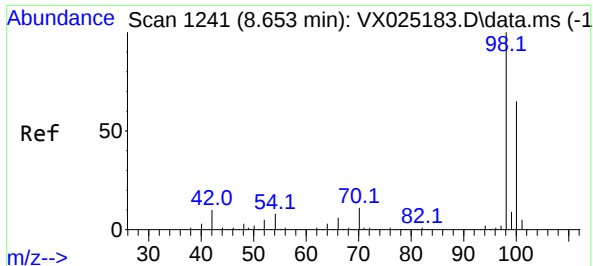


#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46



Tgt Ion: 117 Resp: 11842
Ion Ratio Lower Upper
117 100
119 4.3 75.6 113.4#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 49.261 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025333.D

Acq: 24 Nov 2021 17:46

Instrument :

MSVOA_X

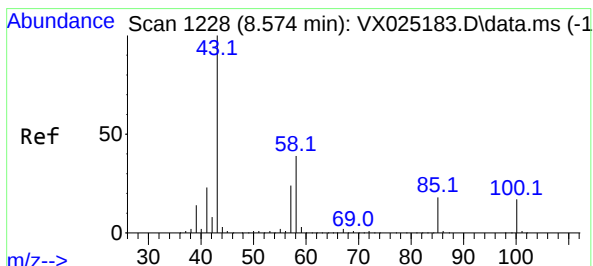
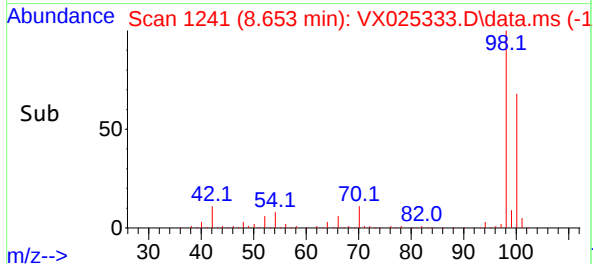
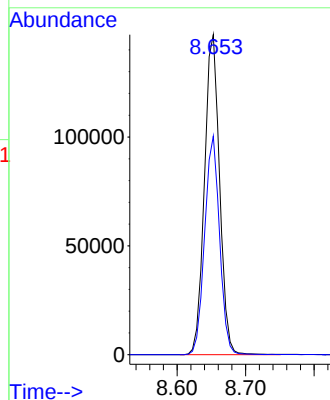
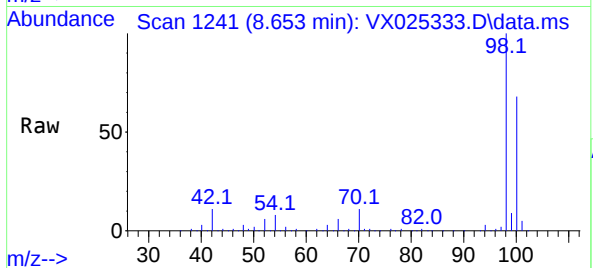
ClientSampleId :

Tgt Ion: 98 Resp: 226338

Ion Ratio Lower Upper

98 100

100 67.2 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.451 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX025333.D

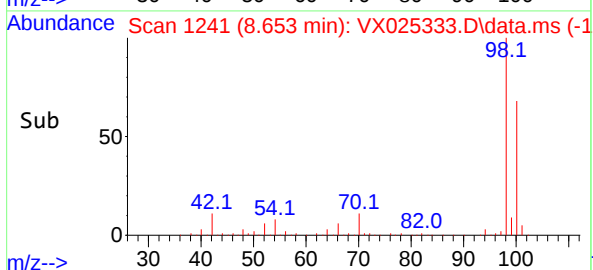
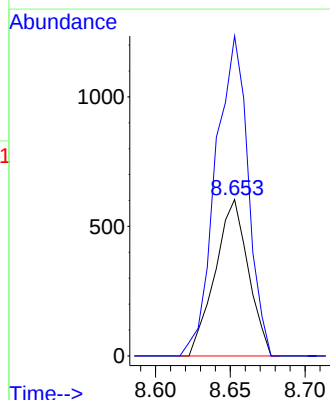
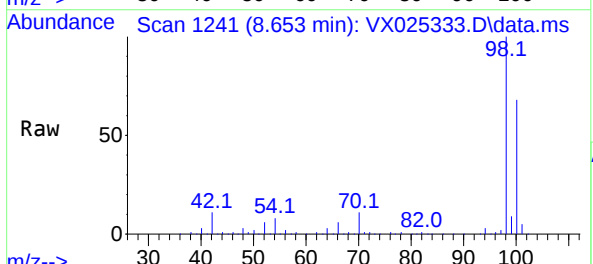
Acq: 24 Nov 2021 17:46

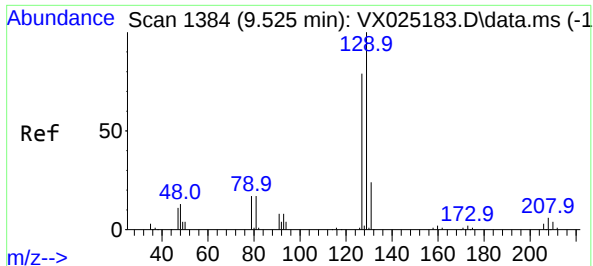
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 200.8 30.9 46.3#

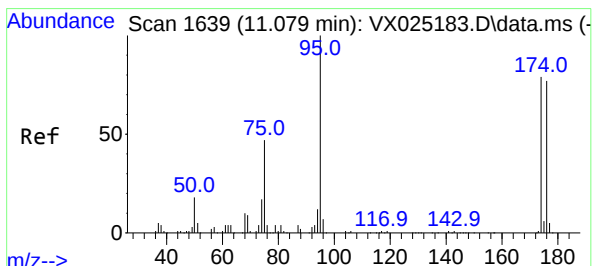
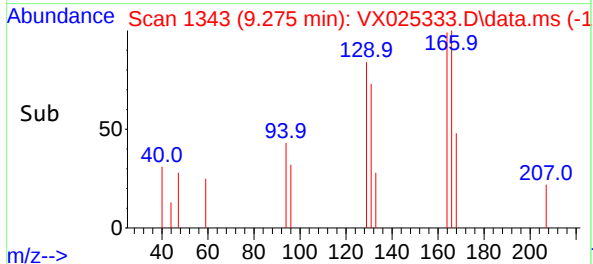
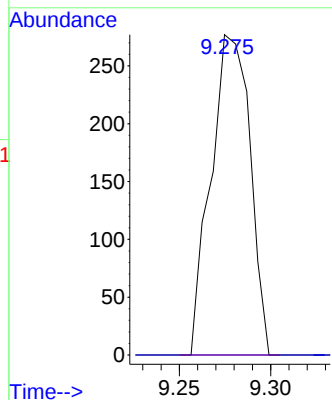
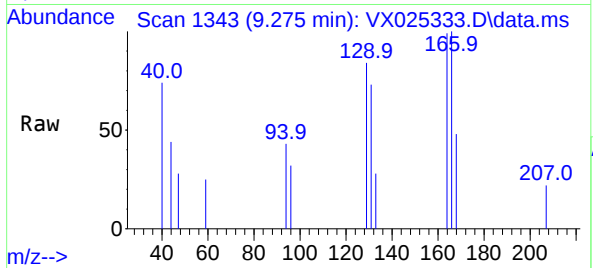




#60
Dibromochloromethane
Concen: 0.263 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

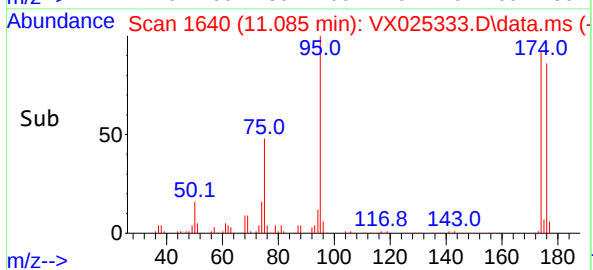
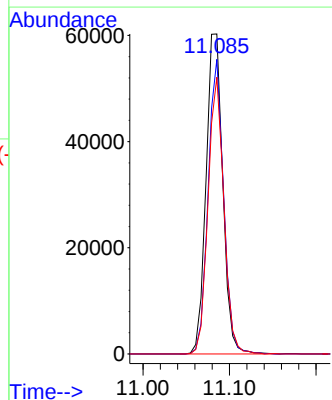
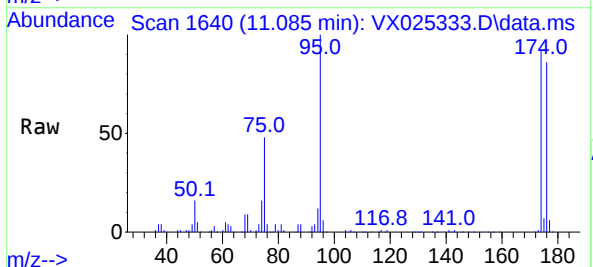
Instrument :
MSVOA_X
ClientSampleId :

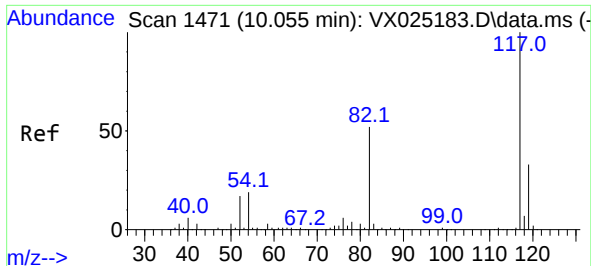
Tgt Ion:129 Resp: 413
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.578 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

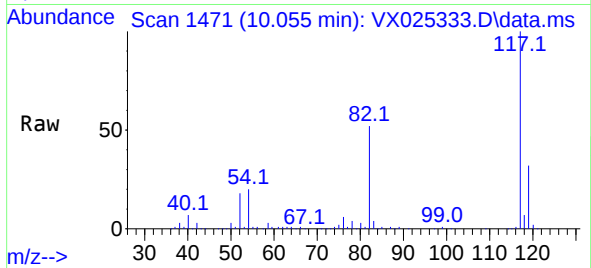
Tgt Ion: 95 Resp: 80963
Ion Ratio Lower Upper
95 100
174 85.5 0.0 158.0
176 81.8 0.0 153.6



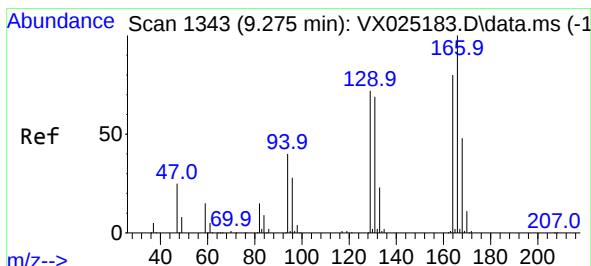
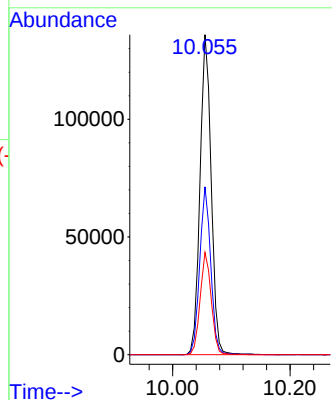
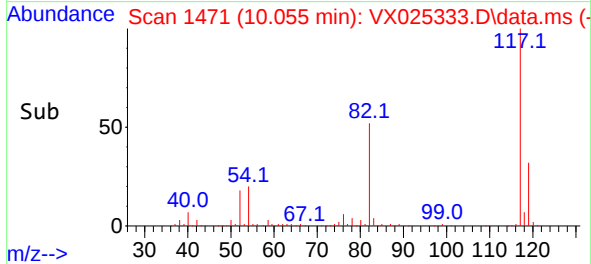


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

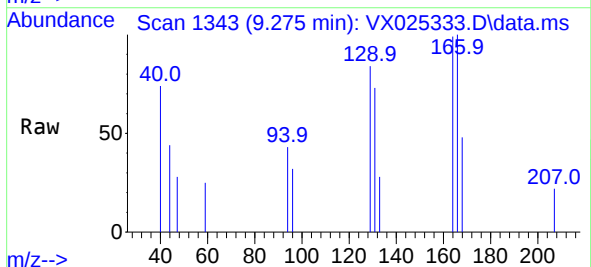
Instrument :
MSVOA_X
ClientSampleId :



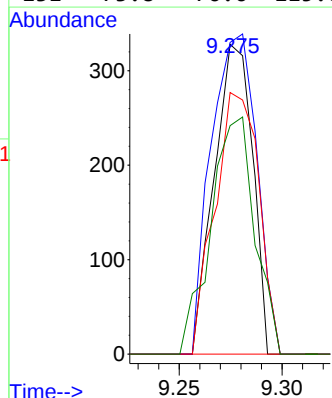
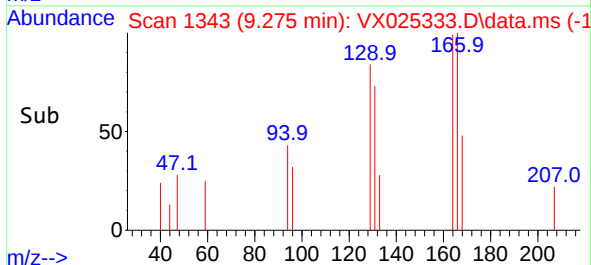
Tgt Ion:117 Resp: 179806
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 31.9 24.8 37.2

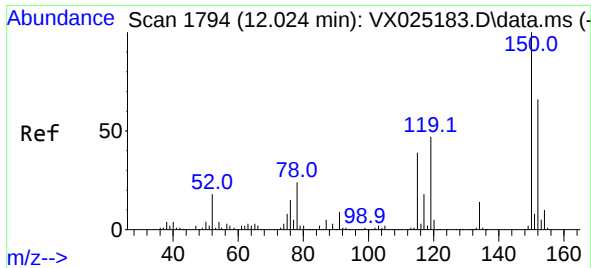


#64
Tetrachloroethene
Concen: 0.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46



Tgt Ion:164 Resp: 425
Ion Ratio Lower Upper
164 100
166 100.6 103.2 154.8#
129 84.5 81.0 121.4
131 73.8 76.6 115.0#

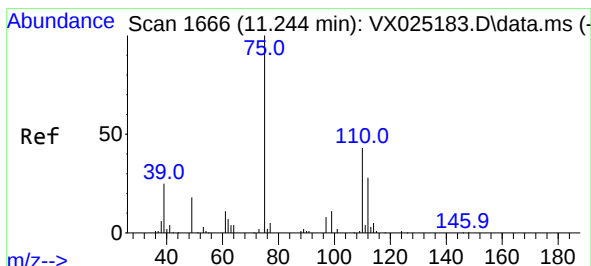
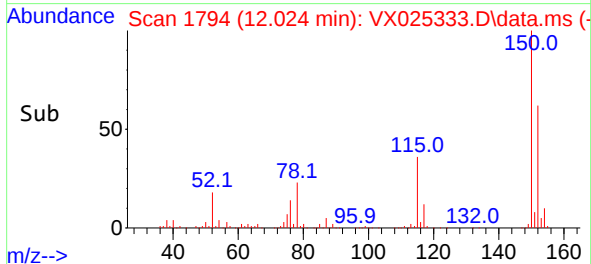
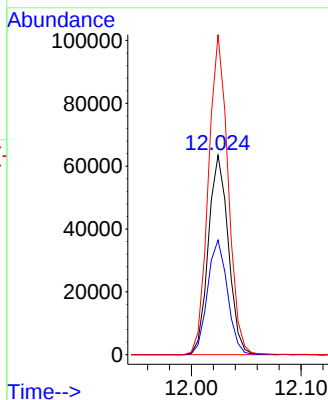
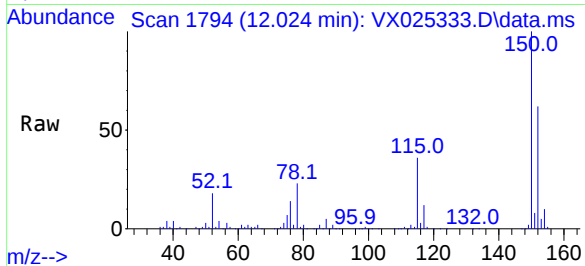




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

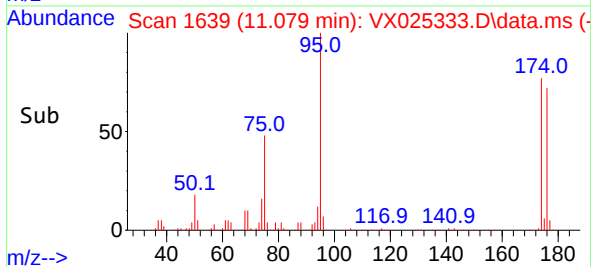
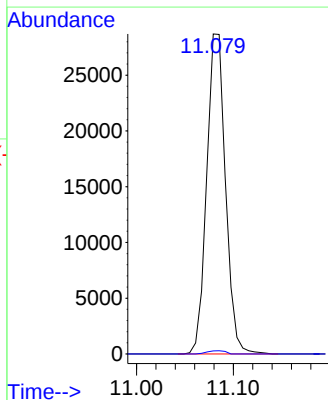
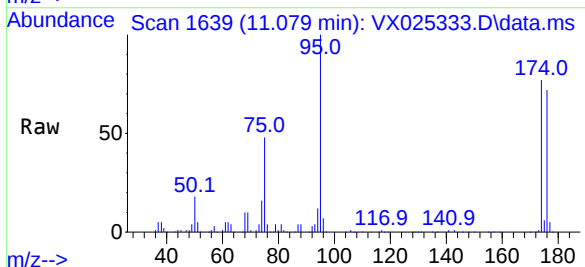
Instrument :
MSVOA_X
ClientSampleId :

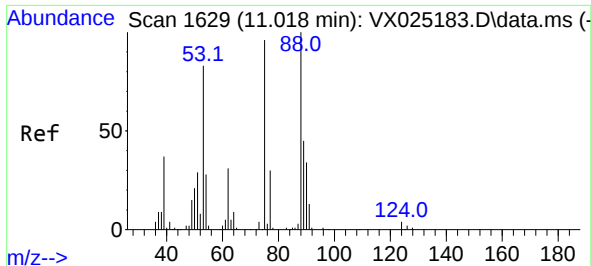
Tgt Ion:152 Resp: 80435
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.8
150 157.9 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

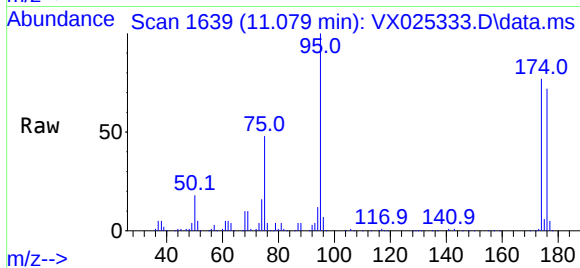
Tgt Ion: 75 Resp: 38884
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



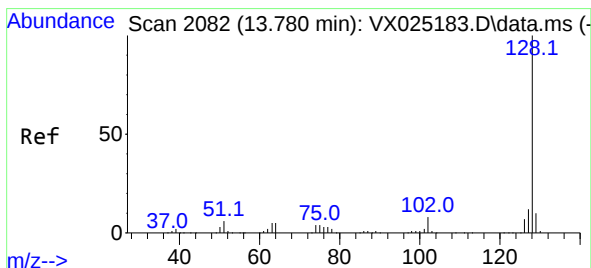
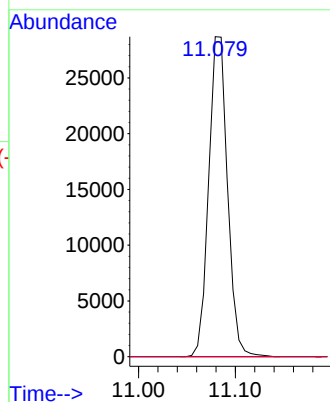
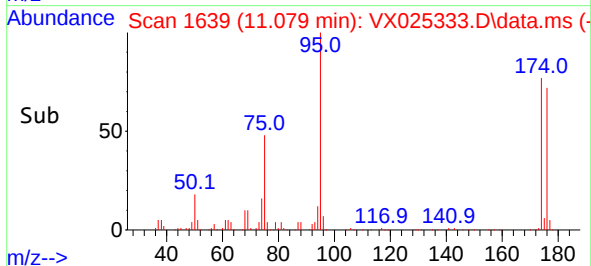


#81
trans-1,4-Dichloro-2-butene
Concen: 59.470 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 38884
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025333.D
Acq: 24 Nov 2021 17:46

Tgt Ion:128 Resp: 138
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

