

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025538.D
 Acq On : 06 Dec 2021 10:51
 Operator : JC/MD
 Sample : VX1206MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 05:55:41 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)

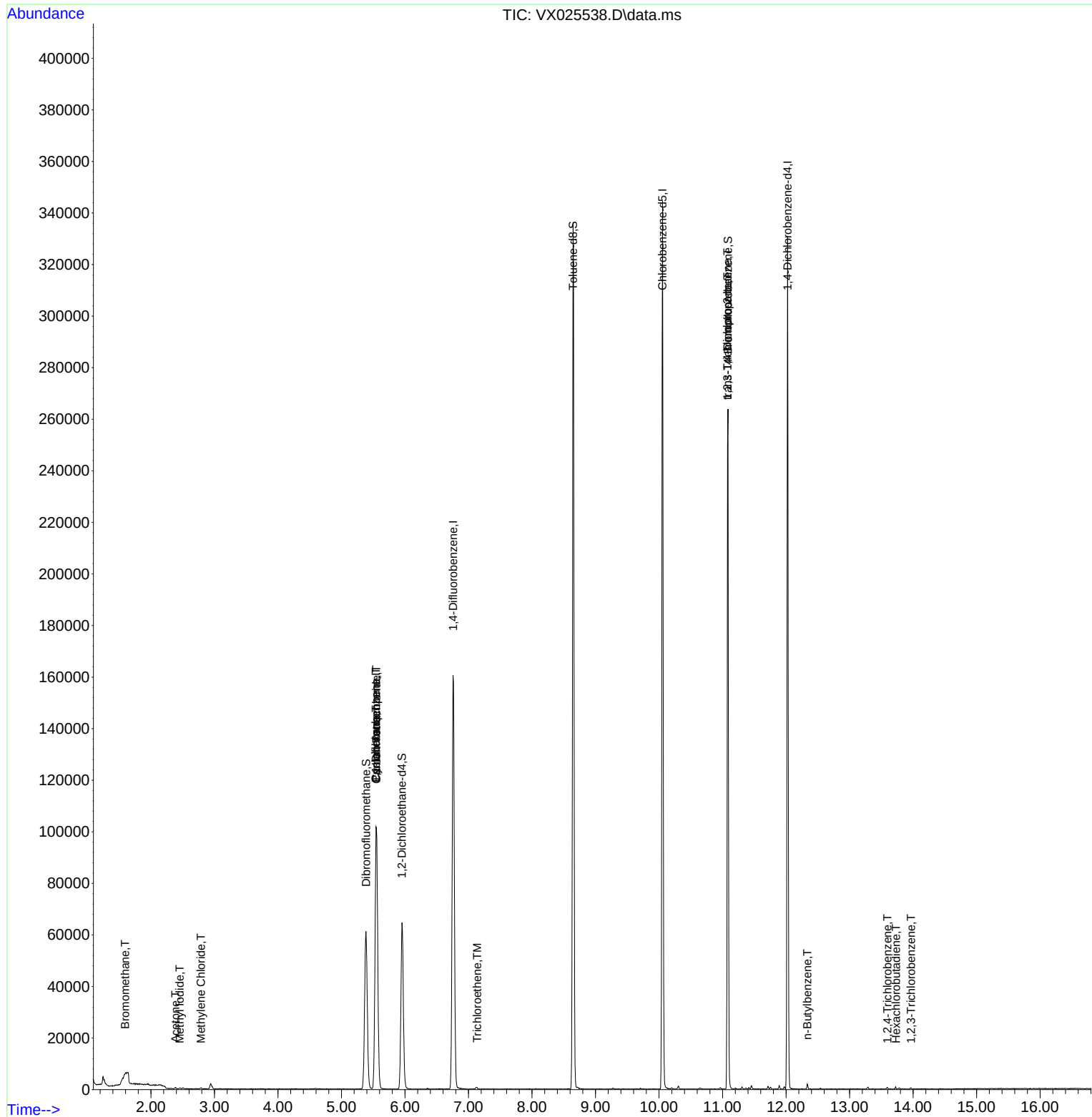
Internal Standards						
1) Pentafluorobenzene	5.544	168	106533	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	174244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60407	53.794	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.580%		
35) Dibromofluoromethane	5.385	113	53552	50.091	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.180%		
50) Toluene-d8	8.647	98	202904	50.478	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.960%		
62) 4-Bromofluorobenzene	11.085	95	70659	46.465	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	273	0.506	ug/l #	72
10) Methyl Iodide	2.453	142	348	0.281	ug/l #	71
11) Tert butyl alcohol	2.940	59	1261	Below Cal	#	72
16) Acetone	2.386	43	527	0.845	ug/l	96
20) Methylene Chloride	2.788	84	236	0.201	ug/l #	68
31) Cyclohexane	5.544	56	2060	1.187	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	7104	4.673	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10253	6.123	ug/l #	17
44) Trichloroethene	7.135	130	315	0.235	ug/l	61
76) 1,2,3-Trichloropropane	11.079	75	34537	24.517	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34537	61.762	ug/l #	9
89) n-Butylbenzene	12.335	91	772	0.209	ug/l	97
93) 1,2,4-Trichlorobenzene	13.597	180	275	0.204	ug/l	97
94) Hexachlorobutadiene	13.731	225	218	0.337	ug/l #	67
95) Naphthalene	13.780	128	506	Below Cal	#	79
96) 1,2,3-Trichlorobenzene	13.969	180	265	0.201	ug/l	89

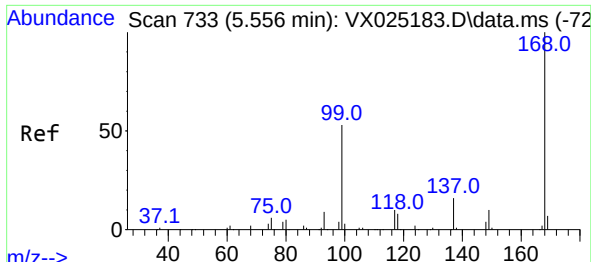
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX025538.D
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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 07 05:55:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

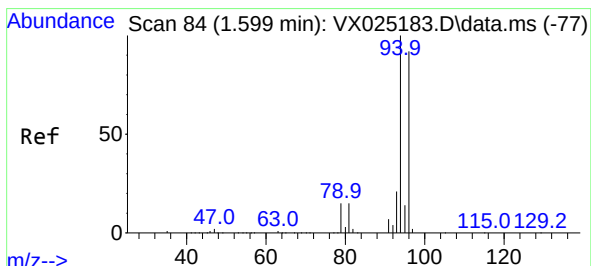
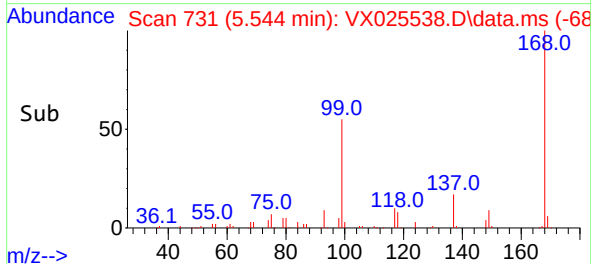
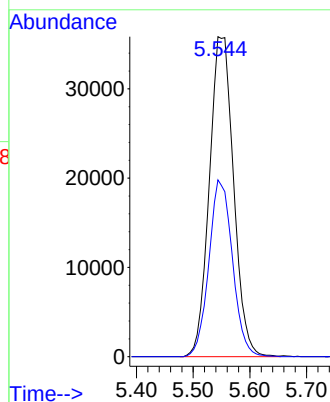
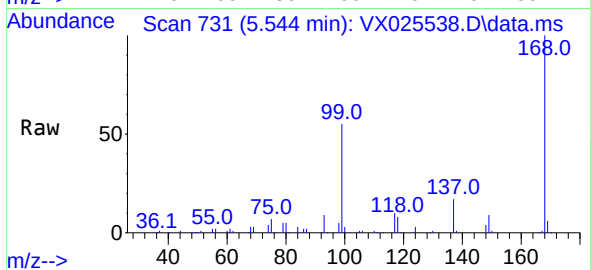




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

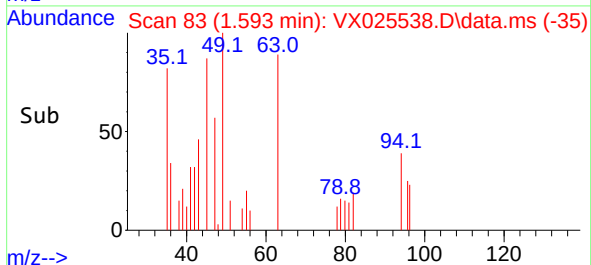
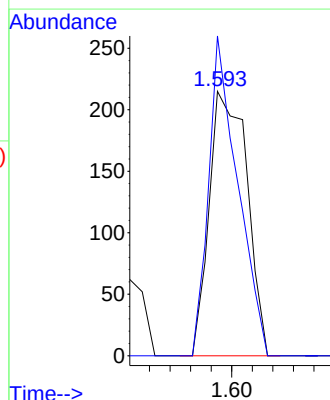
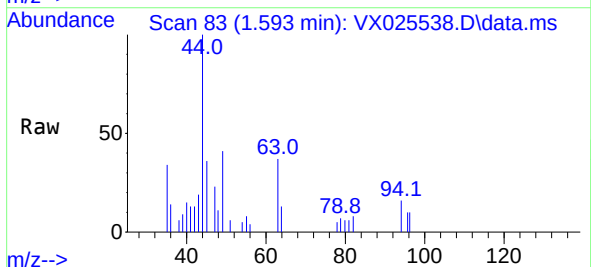
Instrument :
MSVOA_X
ClientSampleId :

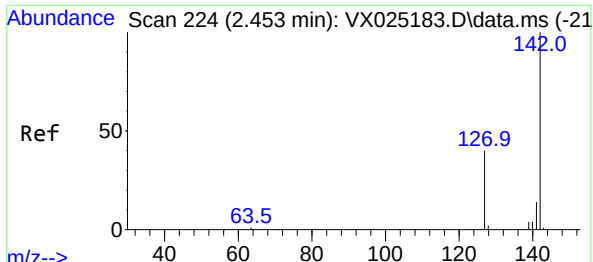
Tgt Ion:168 Resp: 106533
Ion Ratio Lower Upper
168 100
99 55.3 46.4 69.6



#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

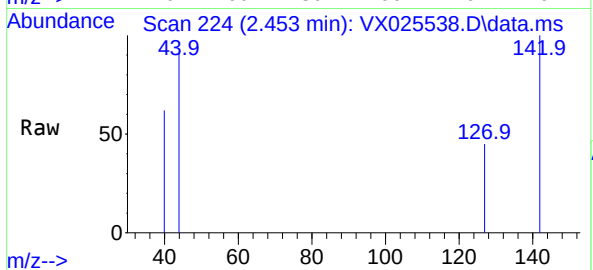
Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 120.9 74.8 112.2#



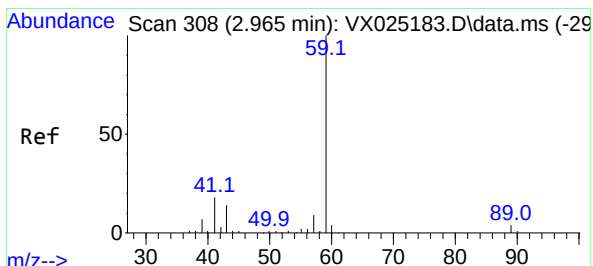
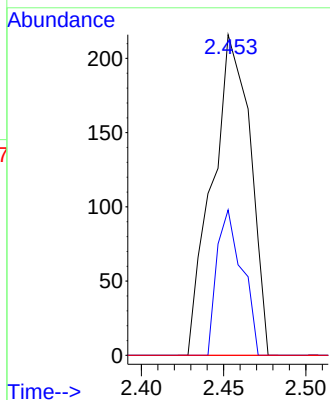
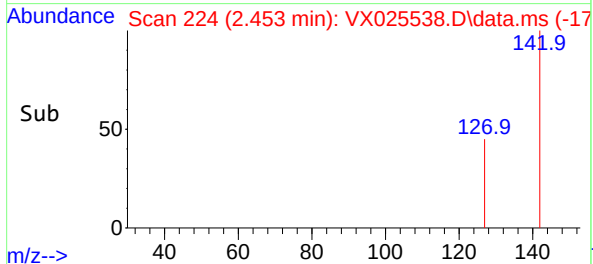


#10
Methyl Iodide
Concen: 0.281 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Instrument :
MSVOA_X
ClientSampleId :

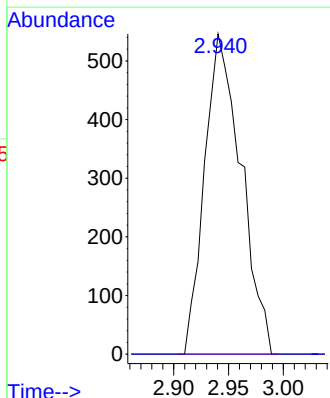
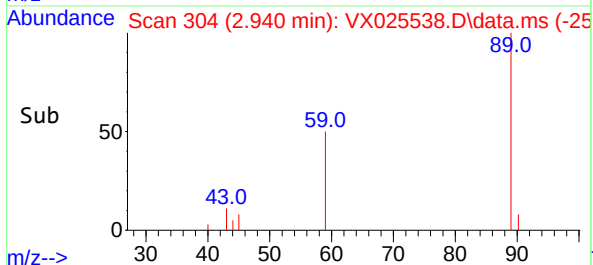
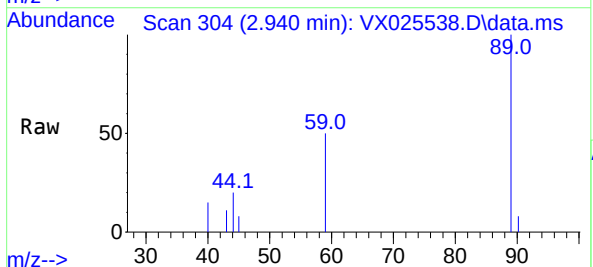


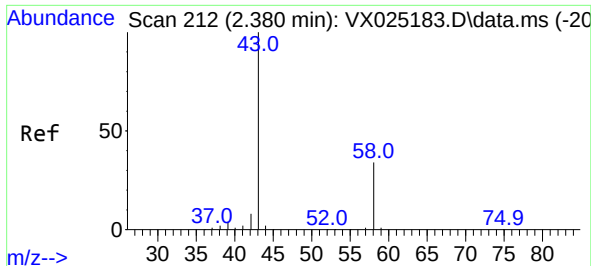
Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 30.2 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Tgt Ion: 59 Resp: 1261
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

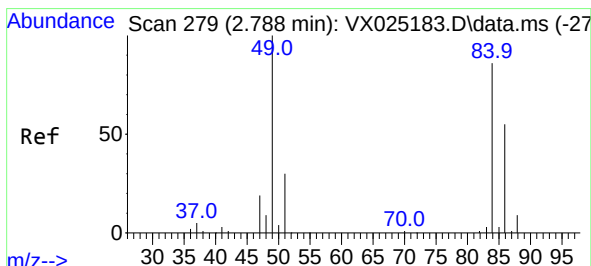
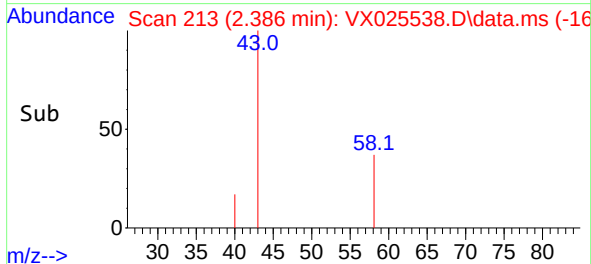
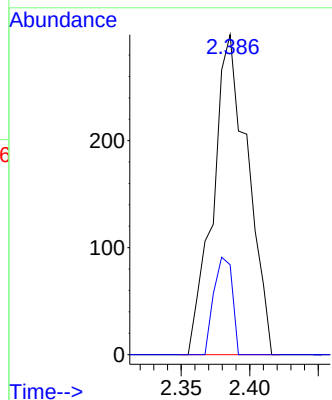
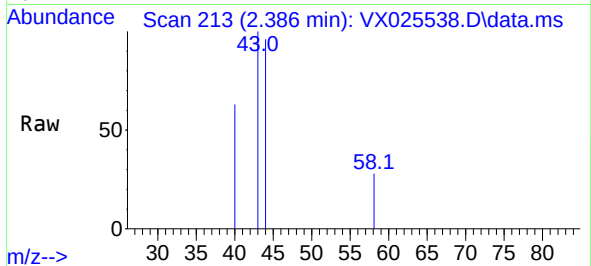




#16
Acetone
Concen: 0.845 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

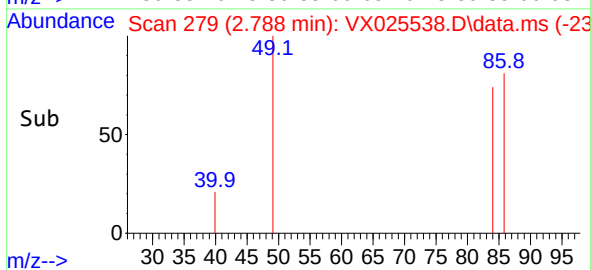
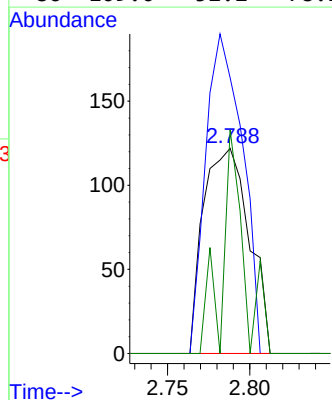
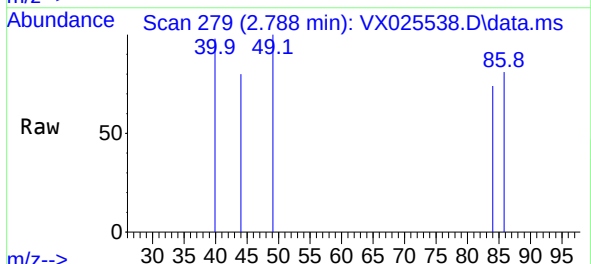
Instrument :
MSVOA_X
ClientSampleId :

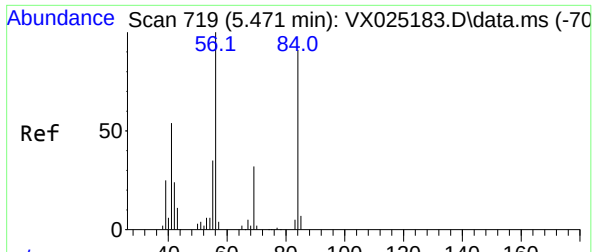
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 28.1 24.0 36.0



#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

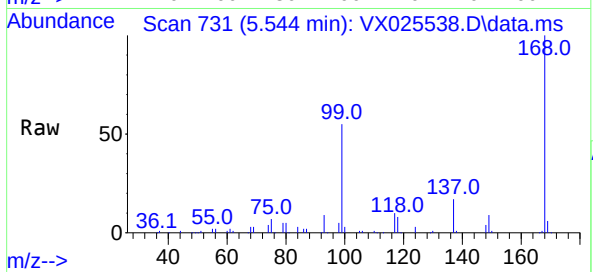
Tgt Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 134.4 98.2 147.2
51 0.0 30.2 45.4#
86 109.0 52.2 78.2#



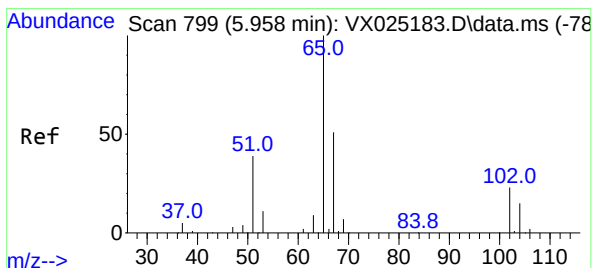
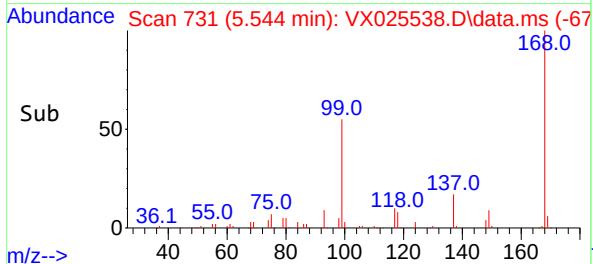
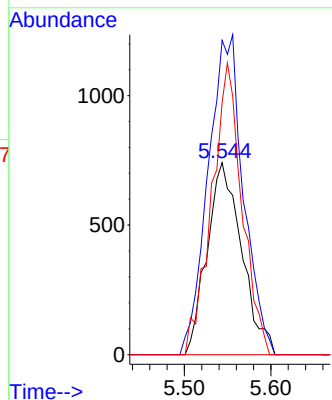


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Instrument :
MSVOA_X
ClientSampleId :

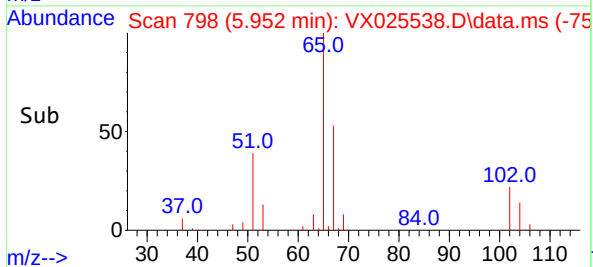
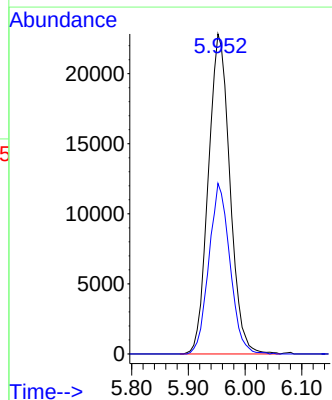
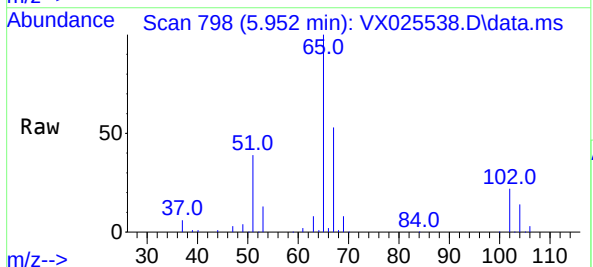


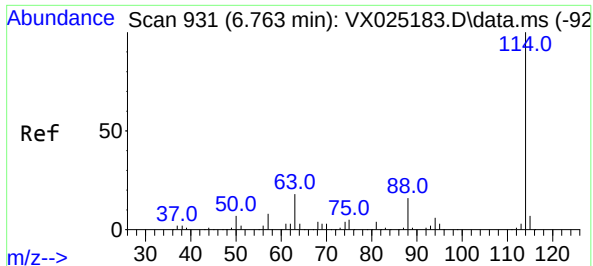
Tgt Ion: 56 Resp: 2060
Ion Ratio Lower Upper
56 100
69 163.7 24.2 36.2#
84 131.3 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 53.794 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Tgt Ion: 65 Resp: 60407
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025538.D

Acq: 06 Dec 2021 10:51

Instrument :

MSVOA_X

ClientSampleId :

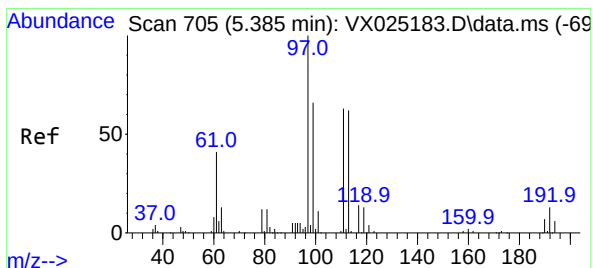
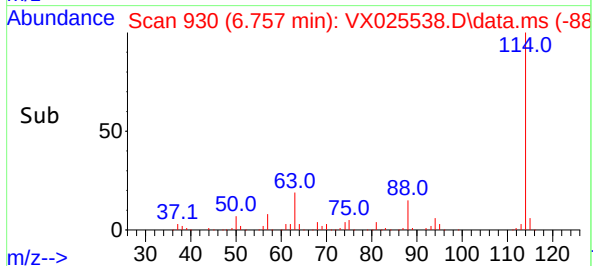
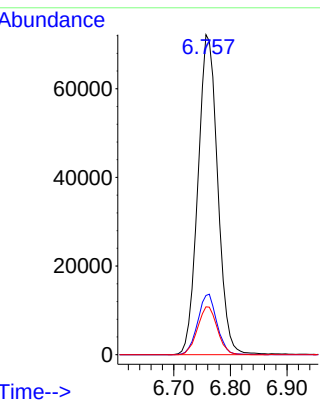
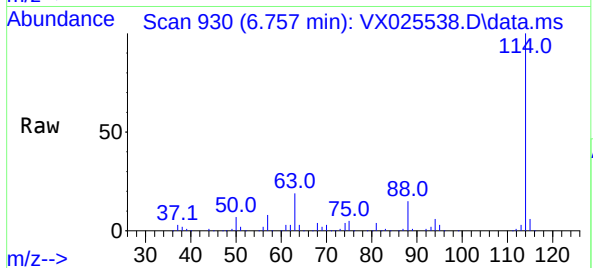
Tgt Ion:114 Resp: 174244

Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.091 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025538.D

Acq: 06 Dec 2021 10:51

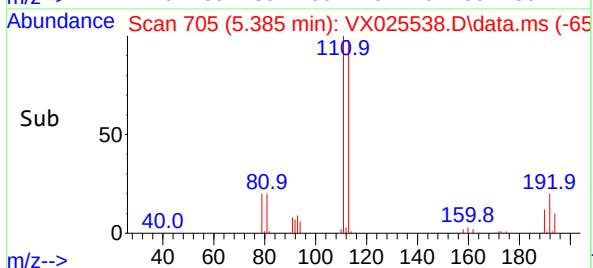
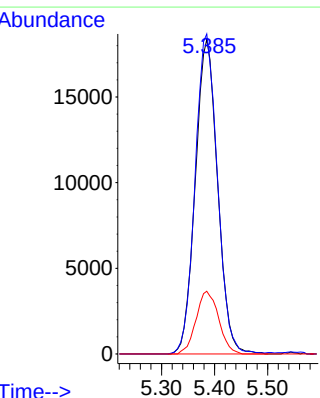
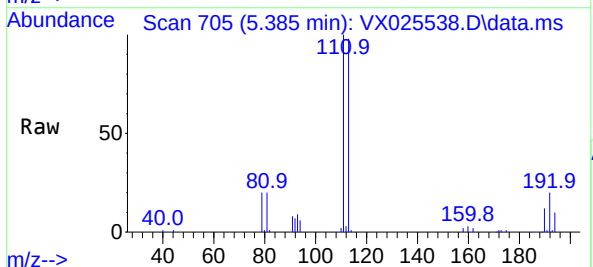
Tgt Ion:113 Resp: 53552

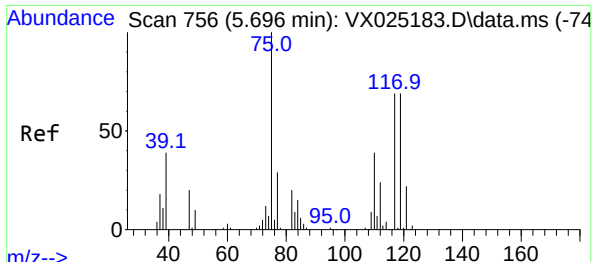
Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

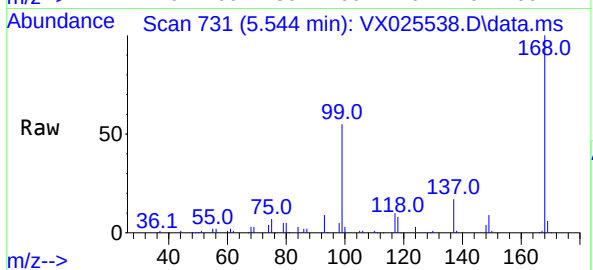
192 20.2 15.6 23.4



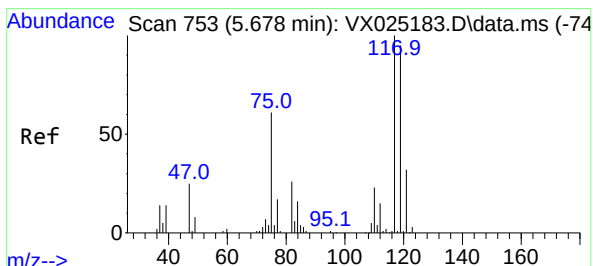
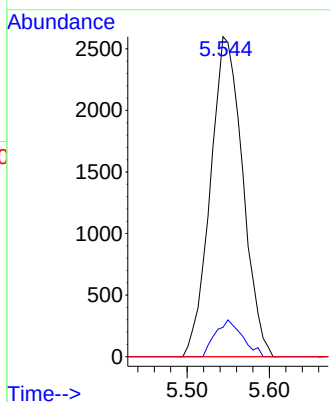
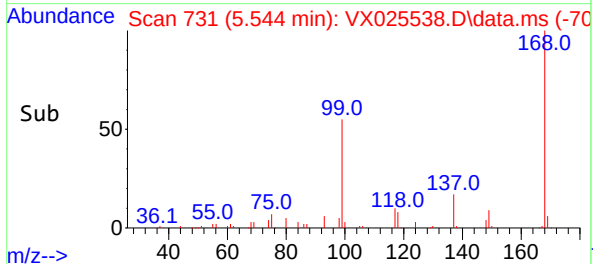


#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.544 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

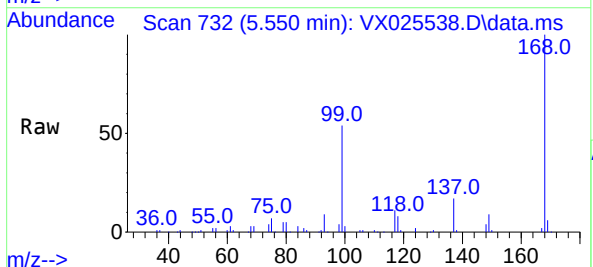
Instrument :
MSVOA_X
ClientSampleId :



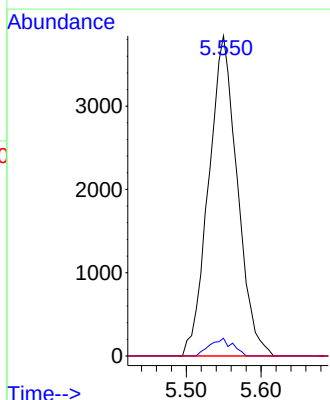
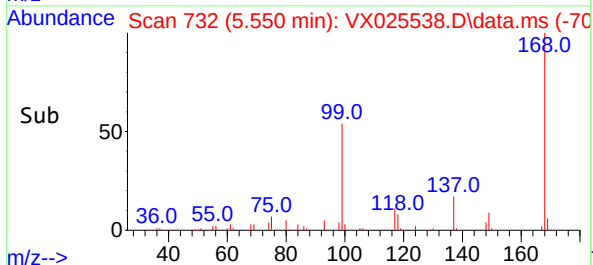
Tgt Ion: 75 Resp: 7104
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.3#
77 0.0 24.4 36.6#

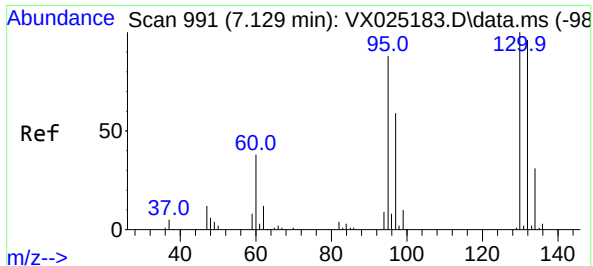


#38
Carbon Tetrachloride
Concen: 6.123 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51



Tgt Ion: 117 Resp: 10253
Ion Ratio Lower Upper
117 100
119 5.6 75.6 113.4#
121 0.0 23.7 35.5#





#44

Trichloroethene

Concen: 0.235 ug/l

RT: 7.135 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX025538.D

Acq: 06 Dec 2021 10:51

Instrument :

MSVOA_X

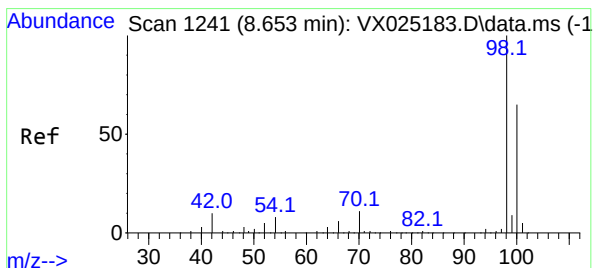
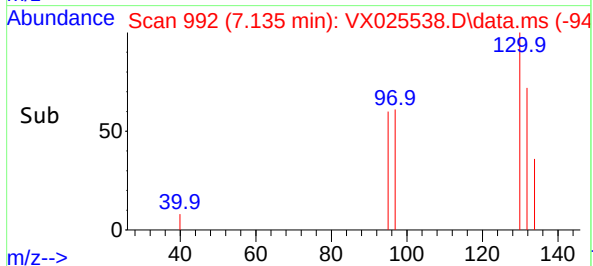
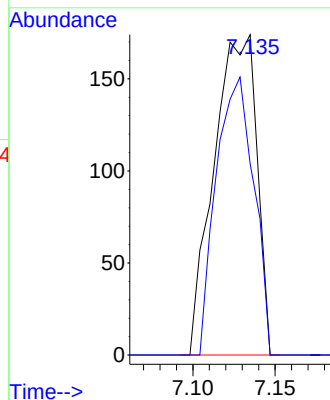
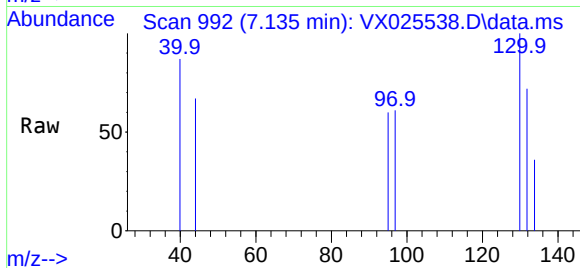
ClientSampleId :

Tgt Ion:130 Resp: 315

Ion Ratio Lower Upper

130 100

95 59.8 0.0 196.8



#50

Toluene-d8

Concen: 50.478 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX025538.D

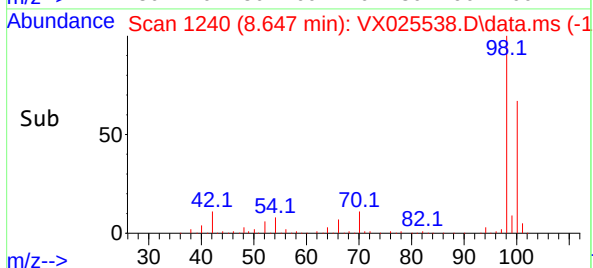
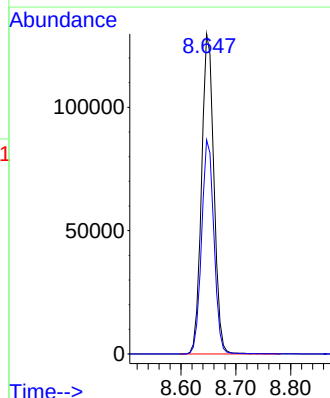
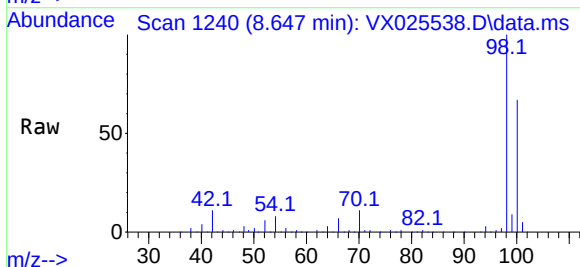
Acq: 06 Dec 2021 10:51

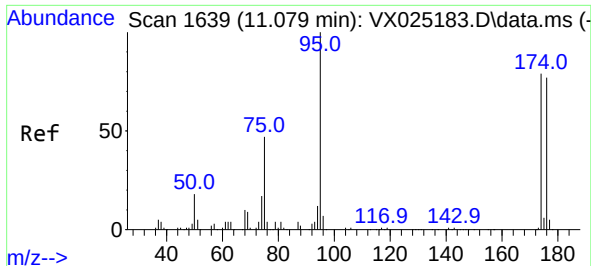
Tgt Ion: 98 Resp: 202904

Ion Ratio Lower Upper

98 100

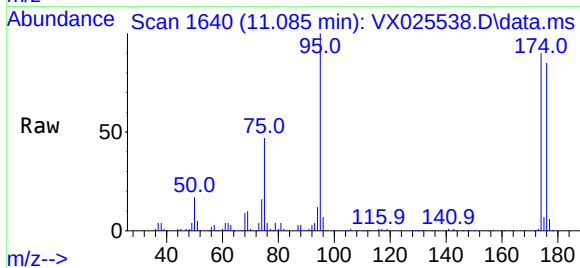
100 66.8 51.4 77.0



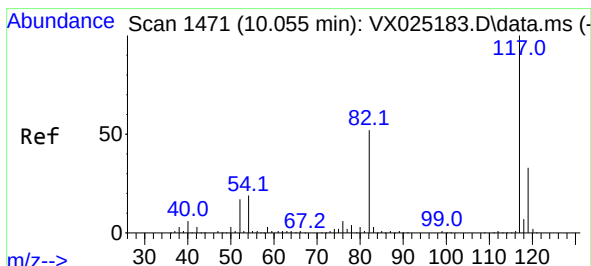
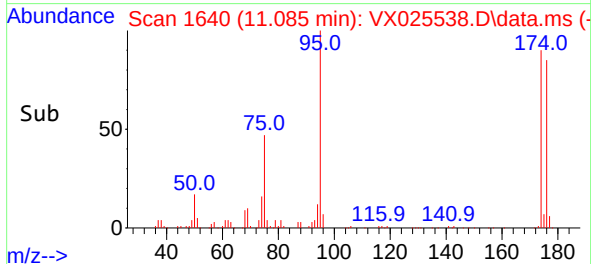
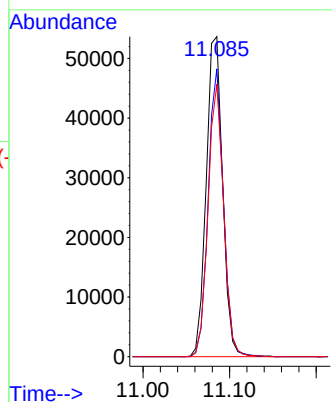


#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Instrument :
MSVOA_X
ClientSampleId :

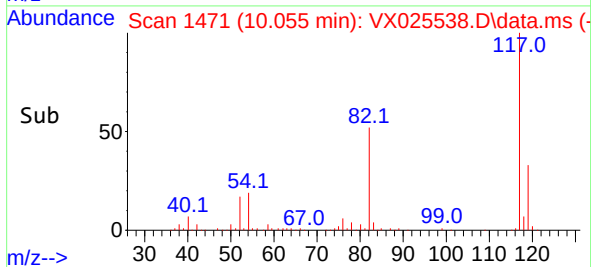
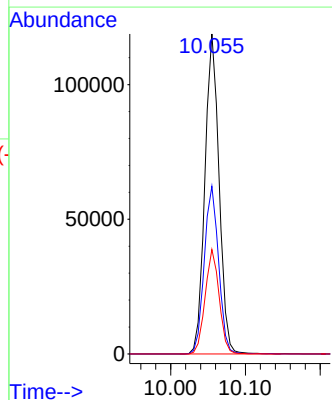
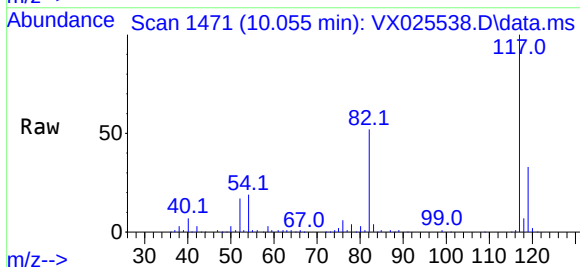


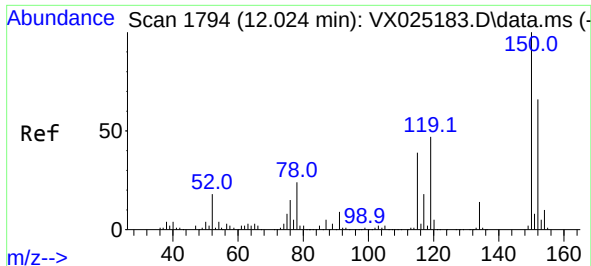
Tgt Ion: 95 Resp: 70659
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.0
176 80.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Tgt Ion: 117 Resp: 156586
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.7 24.8 37.2

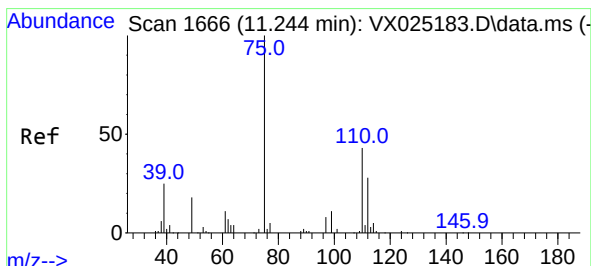
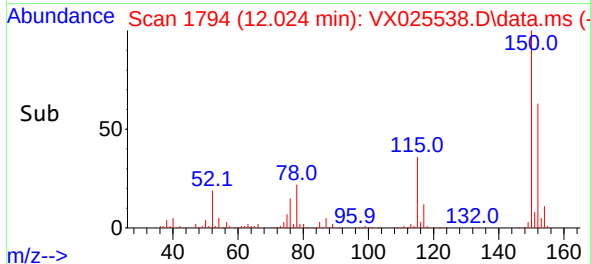
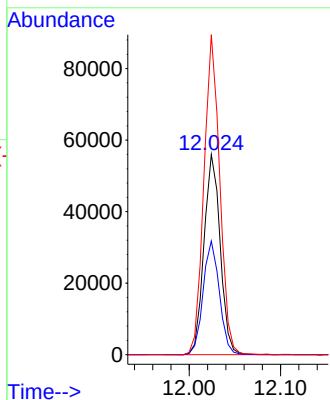
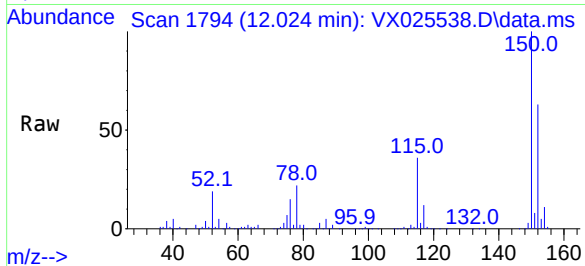




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

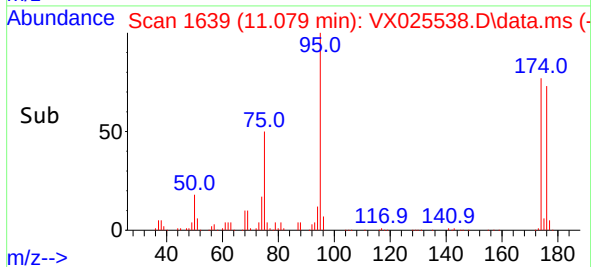
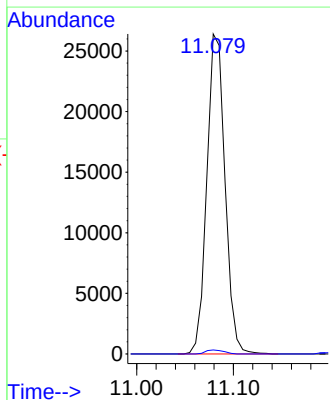
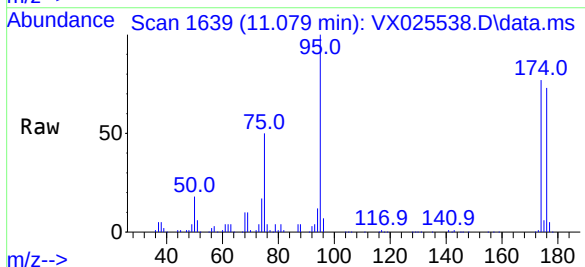
Instrument :
MSVOA_X
ClientSampleId :

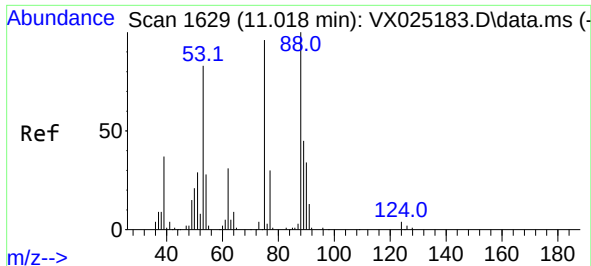
Tgt Ion:152 Resp: 68791
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 156.3 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

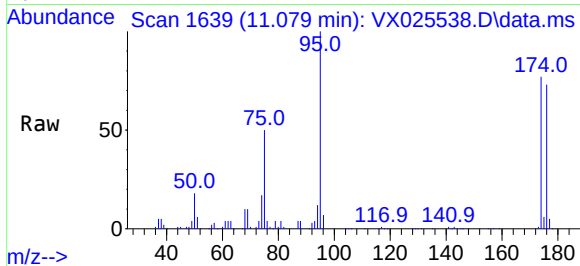
Tgt Ion: 75 Resp: 34537
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



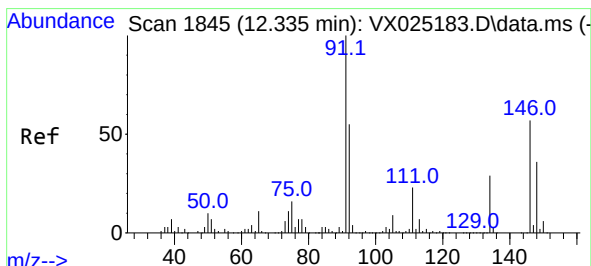
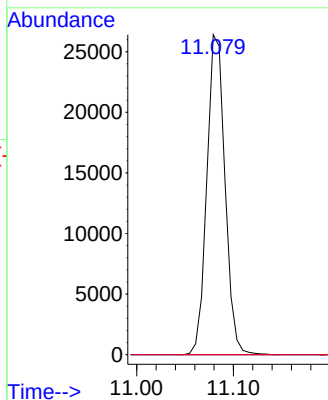
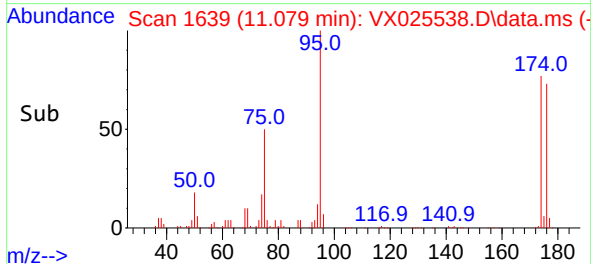


#81
trans-1,4-Dichloro-2-butene
Concen: 61.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

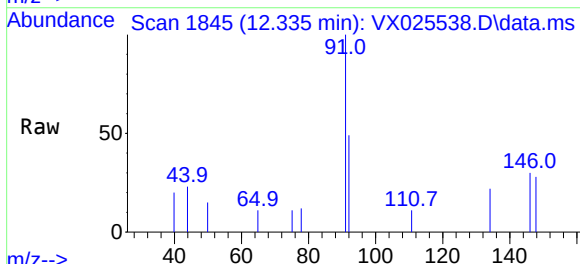
Instrument :
MSVOA_X
ClientSampleId :



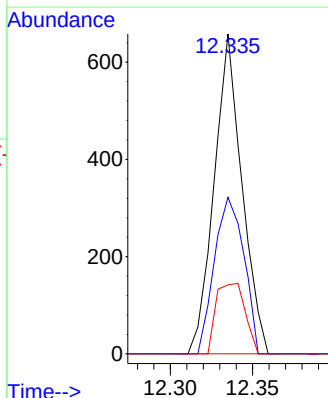
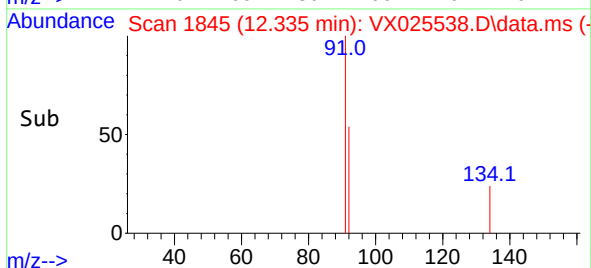
Tgt Ion: 75 Resp: 34537
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

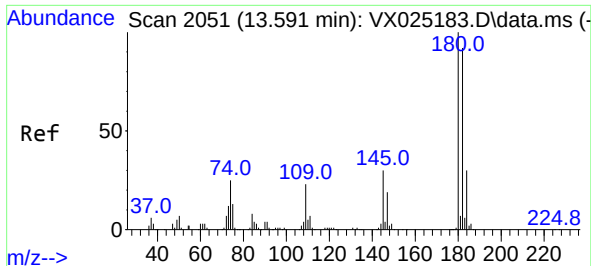


#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51



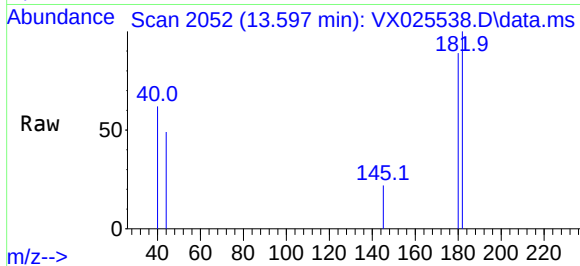
Tgt Ion: 91 Resp: 772
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.8
134 22.9 13.0 38.9



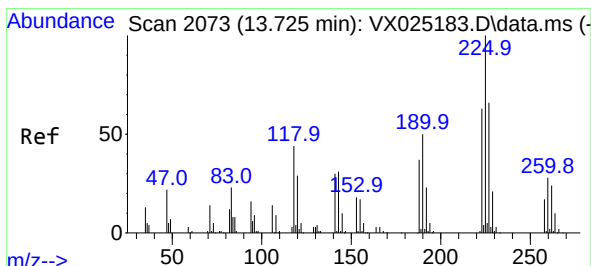
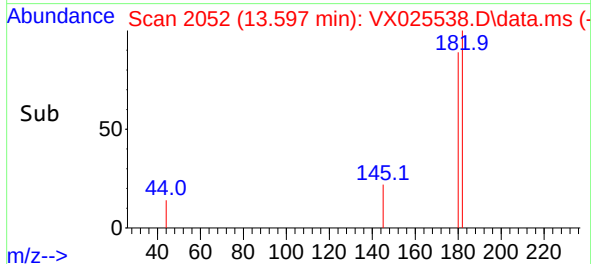
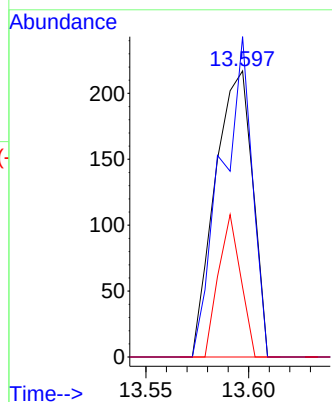


#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l
RT: 13.597 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Instrument :
MSVOA_X
ClientSampleId :

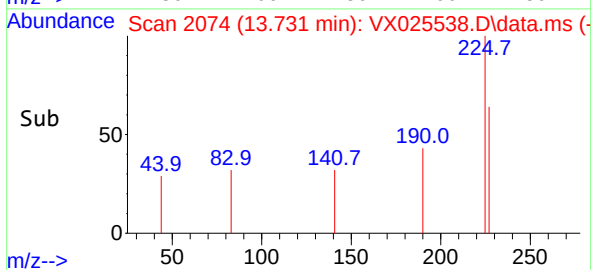
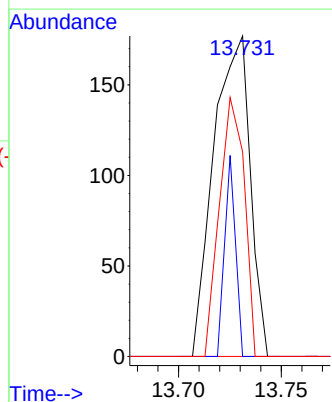
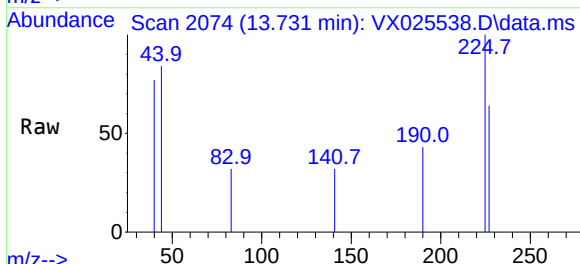


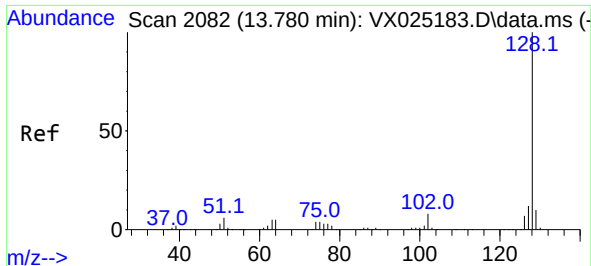
Tgt Ion:180 Resp: 275
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.8
145 29.5 16.1 48.3



#94
Hexachlorobutadiene
Concen: 0.337 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

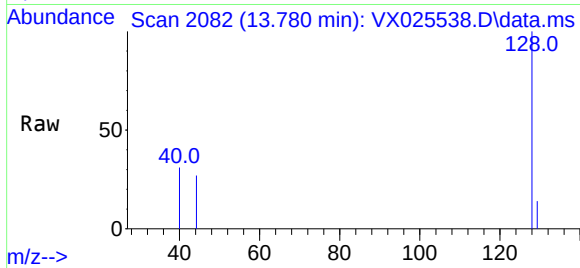
Tgt Ion:225 Resp: 218
Ion Ratio Lower Upper
225 100
223 18.8 30.9 92.7#
227 55.0 31.1 93.5



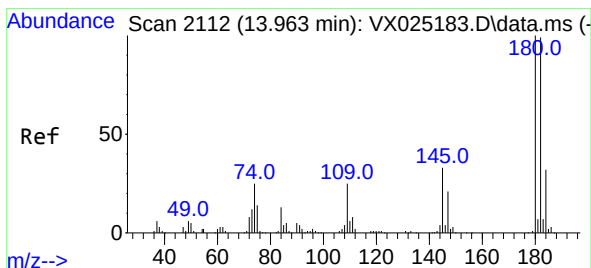
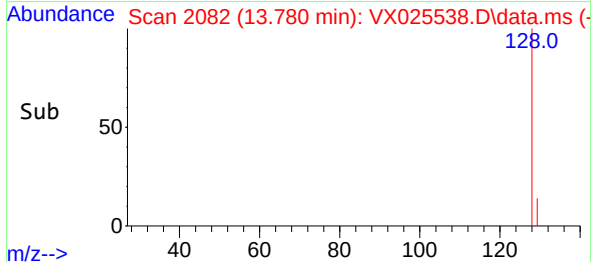
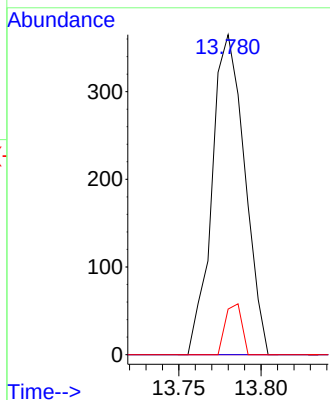


#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 506
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 7.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.201 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025538.D
Acq: 06 Dec 2021 10:51

Tgt Ion:180 Resp: 265
Ion Ratio Lower Upper
180 100
182 89.8 47.4 142.3
145 17.0 16.8 50.3

