

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025401.D
 Acq On : 01 Dec 2021 10:17
 Operator : JC/MD
 Sample : VX1201MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201MBL01

Quant Time: Dec 02 08:25:35 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)

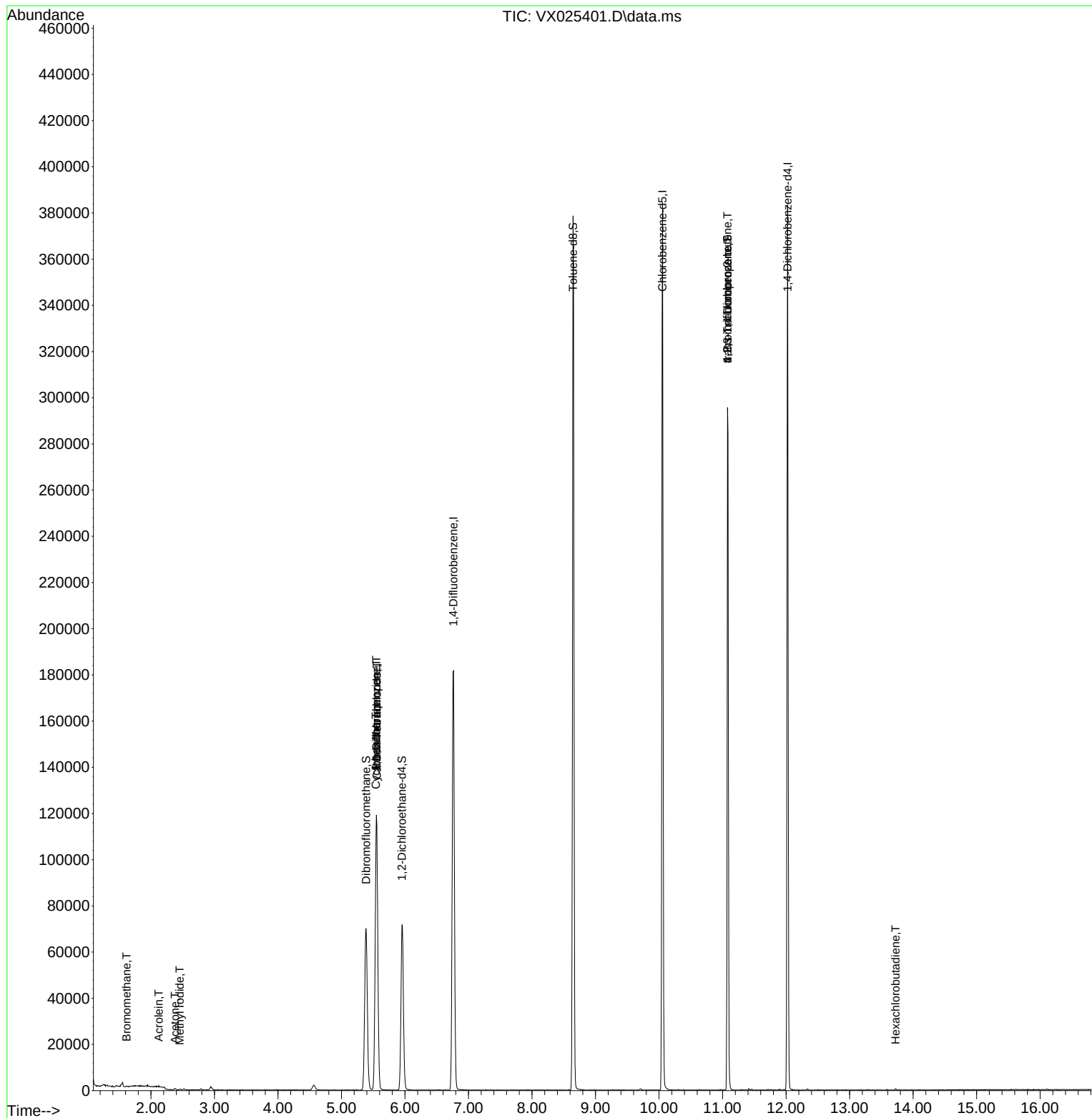
Internal Standards						
1) Pentafluorobenzene	5.550	168	121525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67618	52.787	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.580%			
35) Dibromofluoromethane	5.385	113	60942	49.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	8.647	98	230350	50.050	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	80866	46.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.880%			
Target Compounds			Qvalue			
5) Bromomethane	1.618	94	200	0.325	ug/l	97
10) Methyl Iodide	2.453	142	331	0.234	ug/l #	86
11) Tert butyl alcohol	2.941	59	910	Below Cal	#	72
13) Acrolein	2.124	56	30	0.511	ug/l #	13
16) Acetone	2.380	43	611	0.858	ug/l	100
31) Cyclohexane	5.544	56	2252	1.138	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	8157	4.686	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11252	5.869	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	39163	23.785	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39163	59.918	ug/l #	9
94) Hexachlorobutadiene	13.725	225	169	0.224	ug/l	88
95) Naphthalene	13.786	128	190	Below Cal	#	69

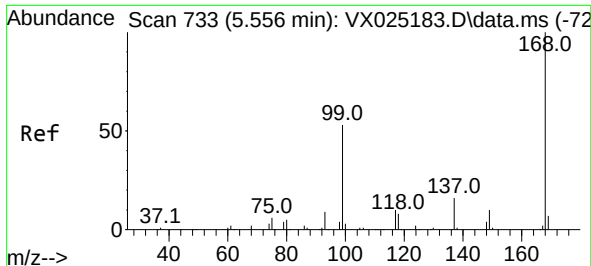
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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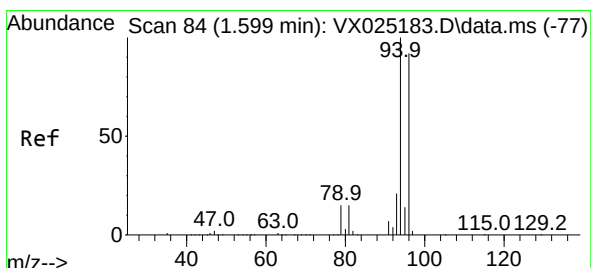
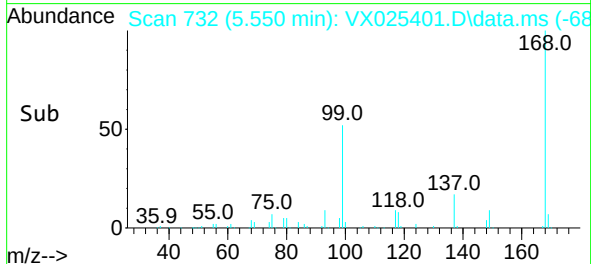
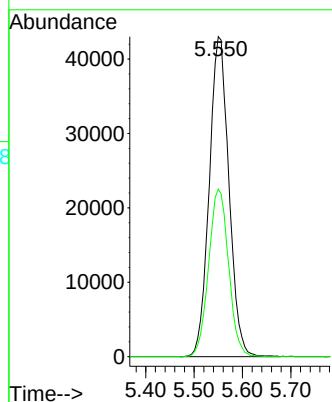
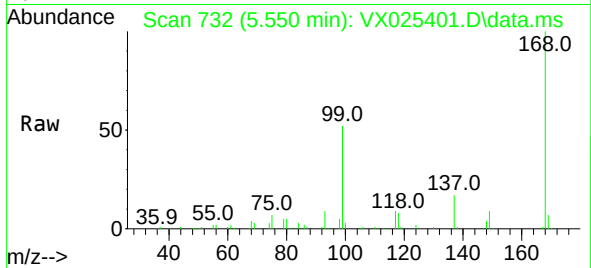




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

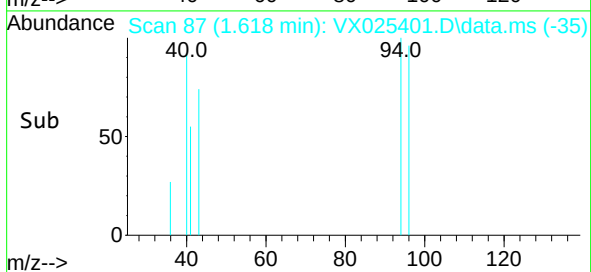
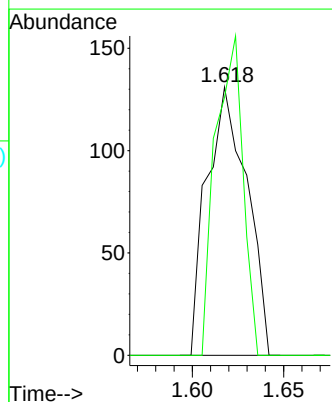
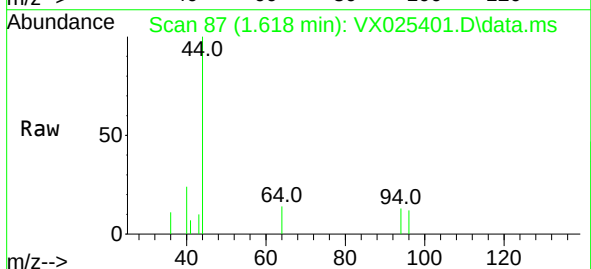
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

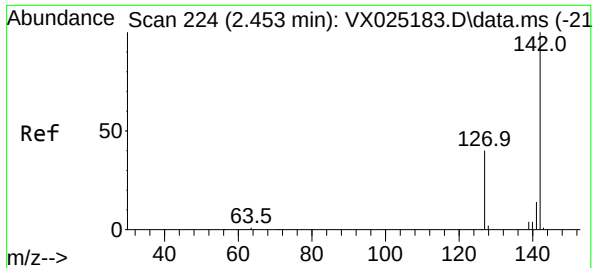
Tgt Ion:168 Resp: 121525
Ion Ratio Lower Upper
168 100
99 52.4 46.4 69.6



#5
Bromomethane
Concen: 0.325 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

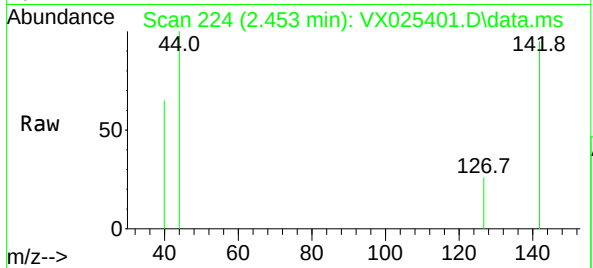
Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 96.2 74.8 112.2



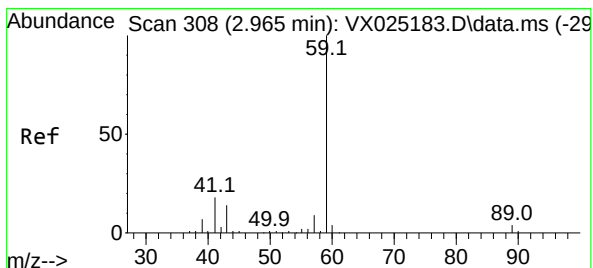
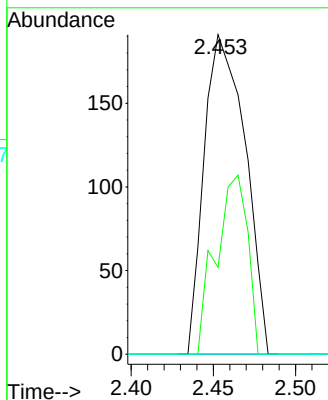
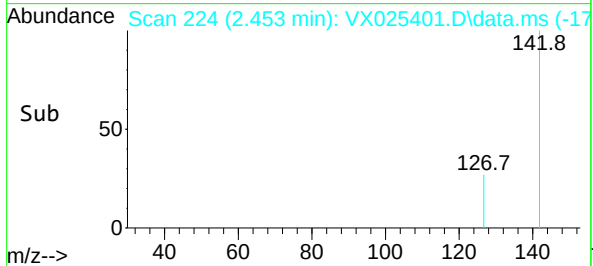


#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

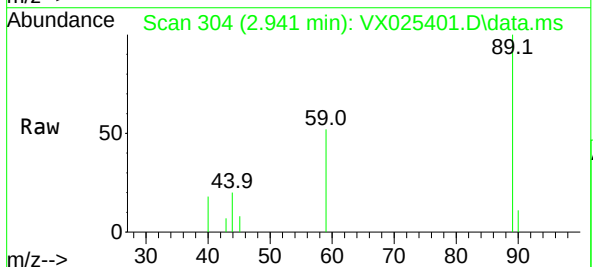
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01



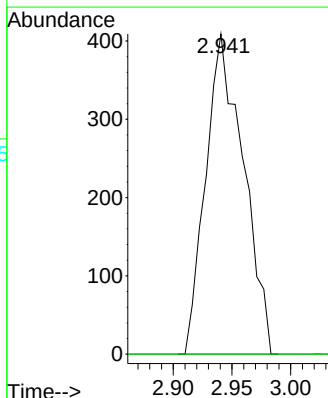
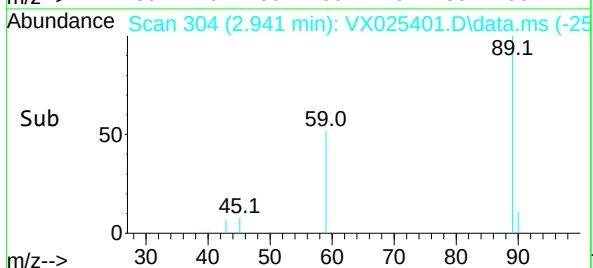
Tgt Ion:142 Resp: 331
Ion Ratio Lower Upper
142 100
127 43.5 38.9 58.3
141 0.0 11.7 17.5#

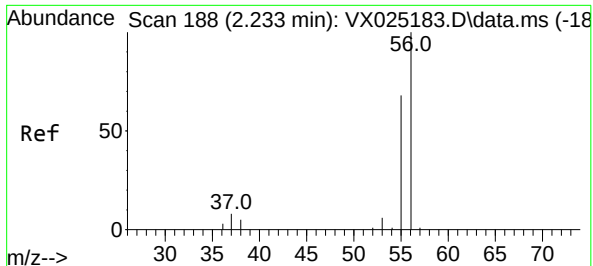


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17



Tgt Ion: 59 Resp: 910
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

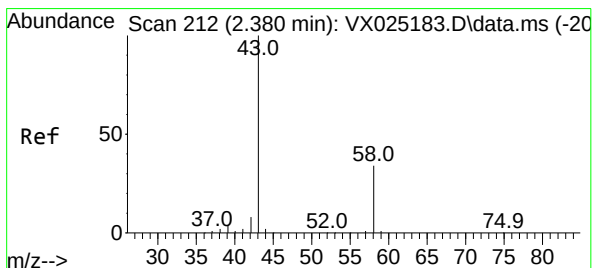
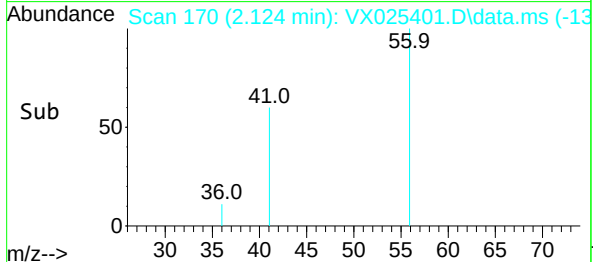
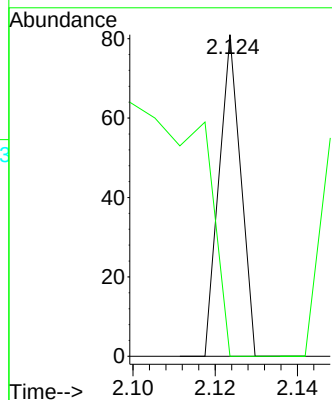
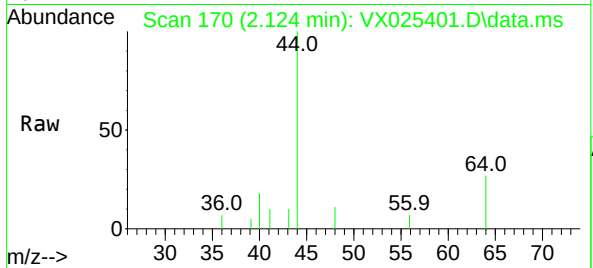




#13
Acrolein
Concen: 0.511 ug/l
RT: 2.124 min Scan# 11
Delta R.T. -0.109 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

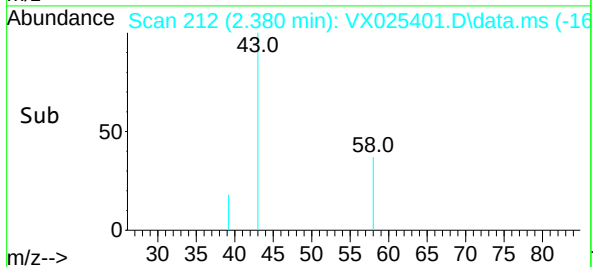
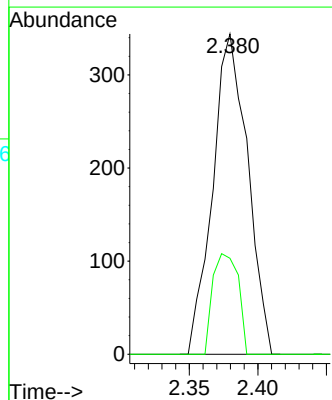
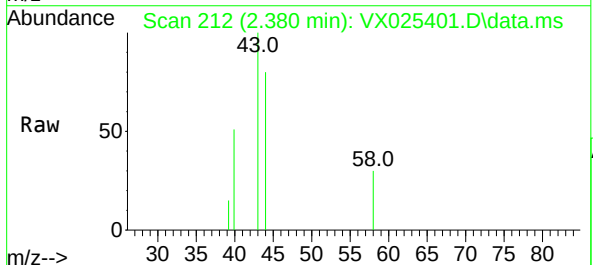
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

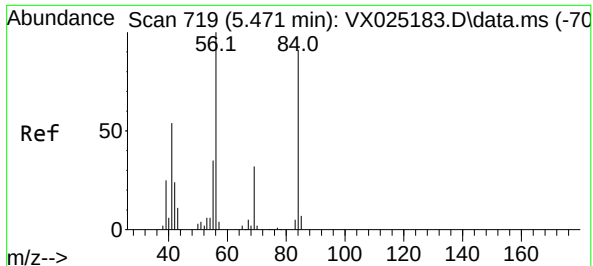
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: 0.858 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

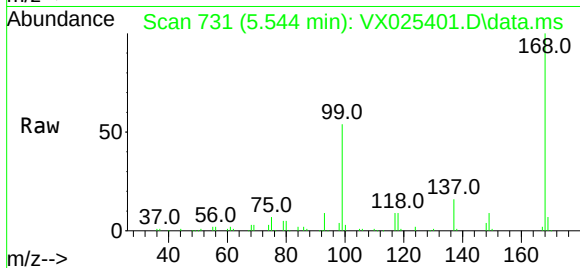
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0



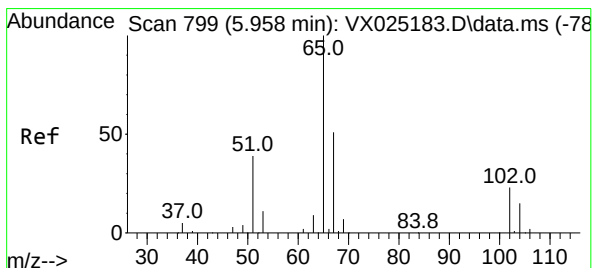
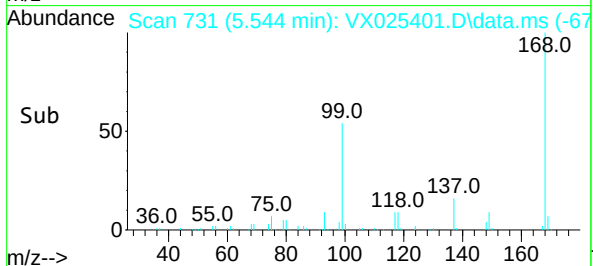
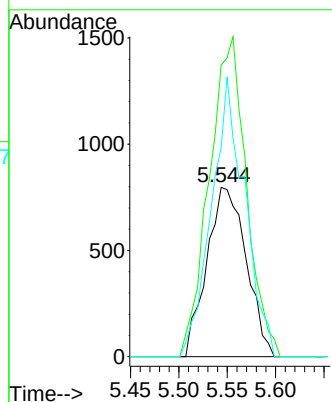


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

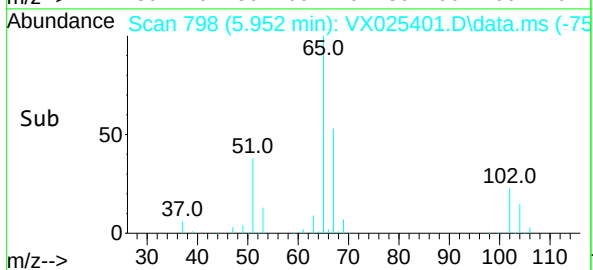
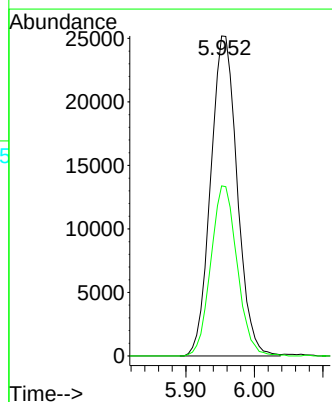
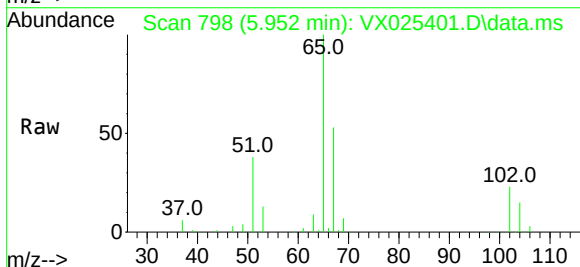


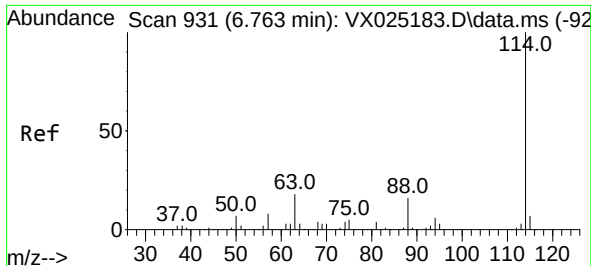
Tgt Ion: 56 Resp: 2252
Ion Ratio Lower Upper
56 100
69 172.1 24.2 36.2#
84 123.3 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 52.787 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

Tgt Ion: 65 Resp: 67618
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.0

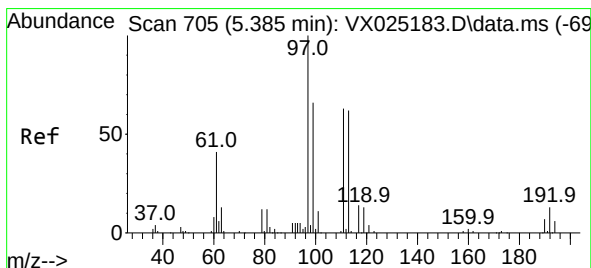
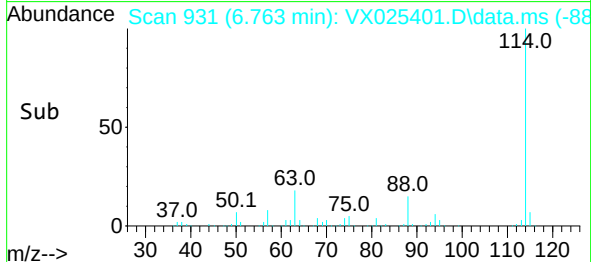
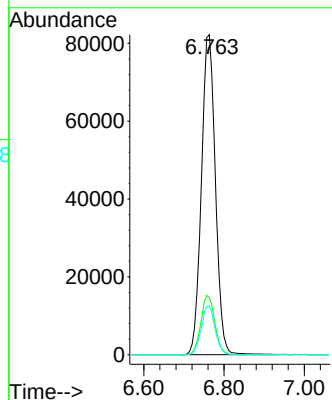
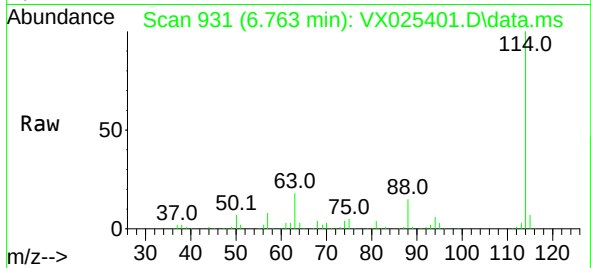




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

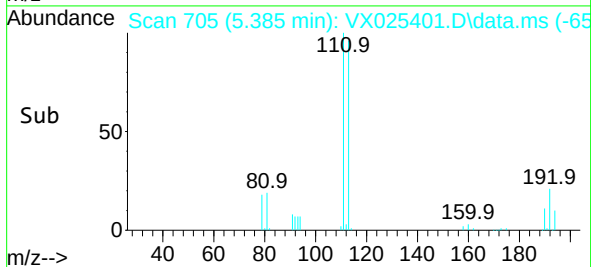
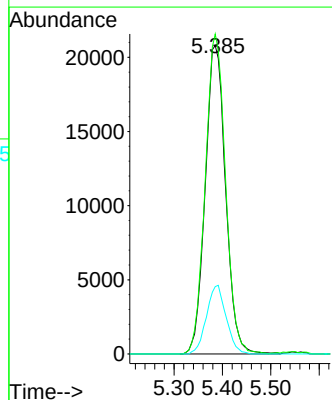
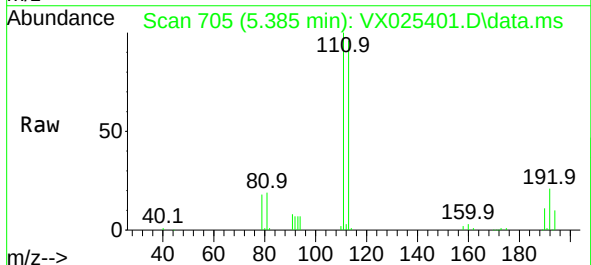
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

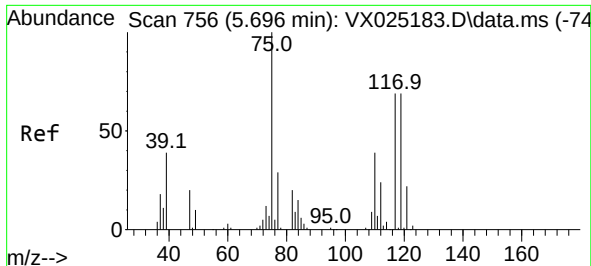
Tgt Ion:114 Resp: 199502
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.786 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

Tgt Ion:113 Resp: 60942
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 21.4 15.6 23.4

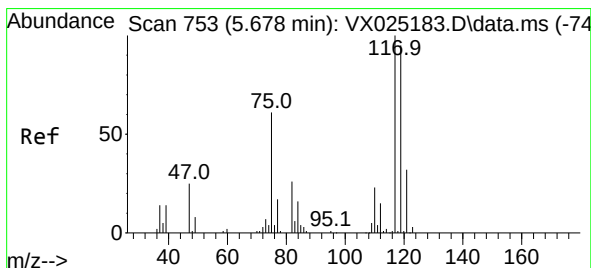
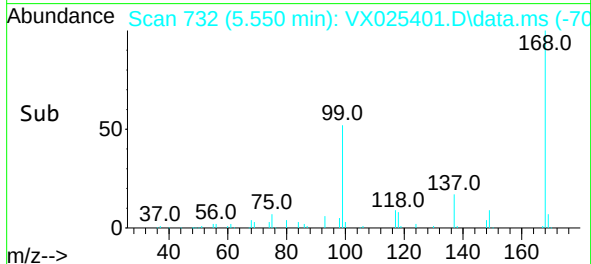
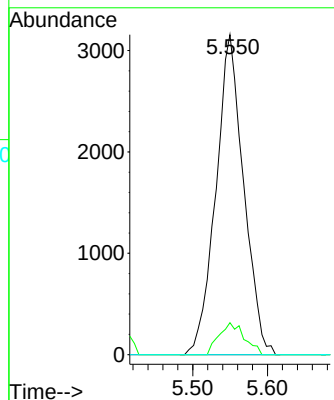
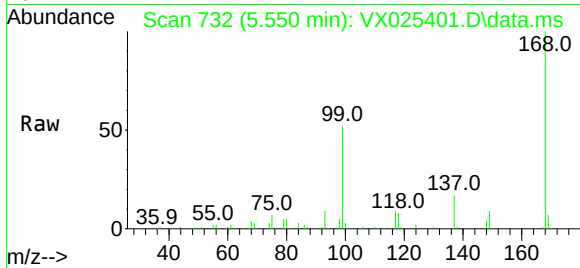




#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

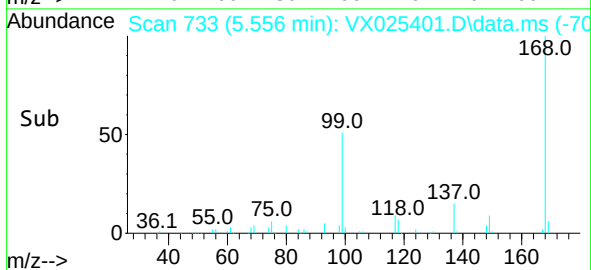
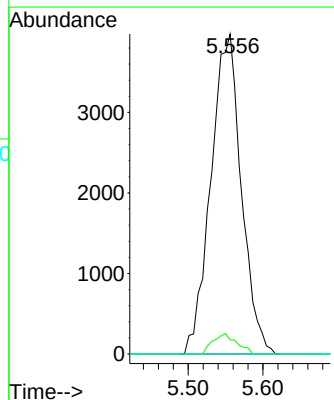
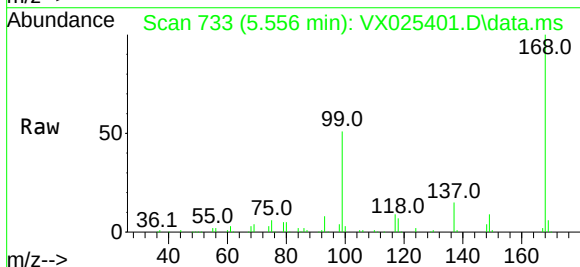
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VX1201MBL01

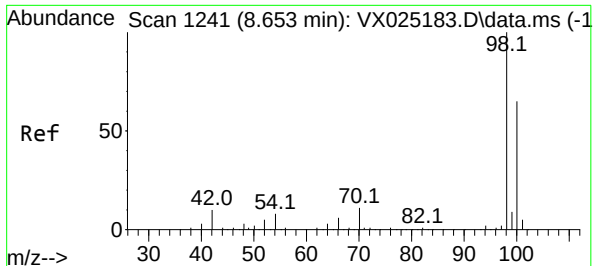
Tgt Ion: 75 Resp: 8157
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

Tgt Ion: 117 Resp: 11252
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 23.7 35.5#

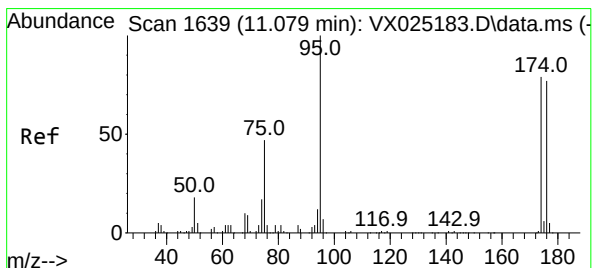
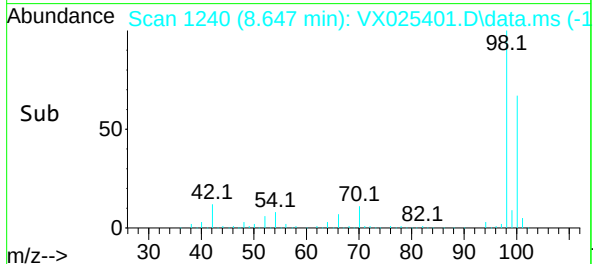
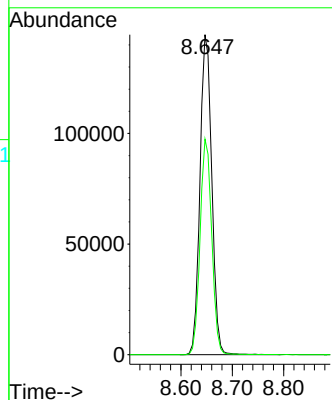
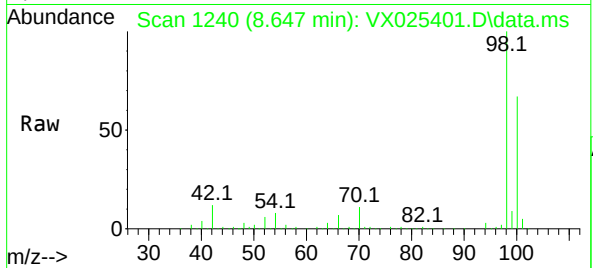




#50
Toluene-d8
Concen: 50.050 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

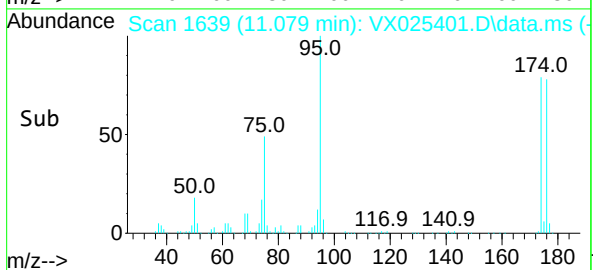
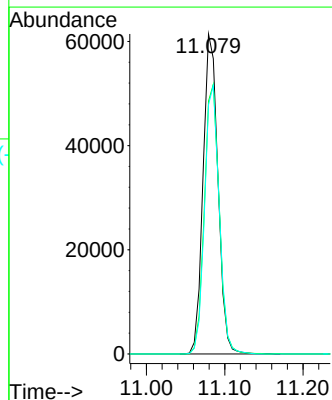
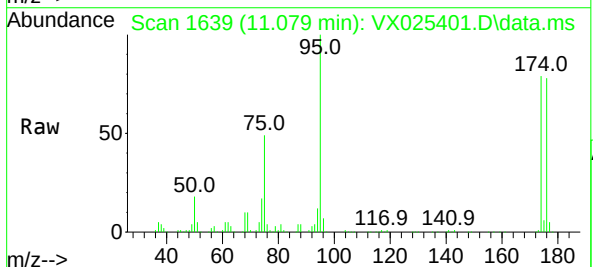
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

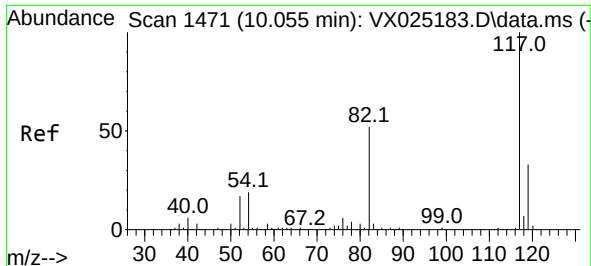
Tgt Ion: 98 Resp: 230350
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

Tgt Ion: 95 Resp: 80866
Ion Ratio Lower Upper
95 100
174 84.1 0.0 158.0
176 82.8 0.0 153.6

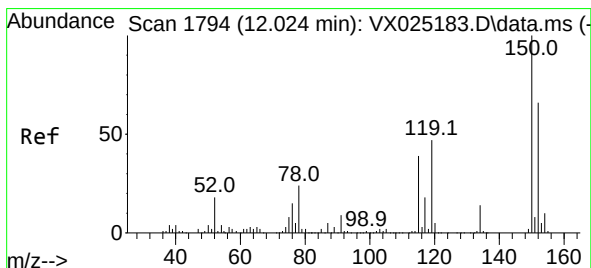
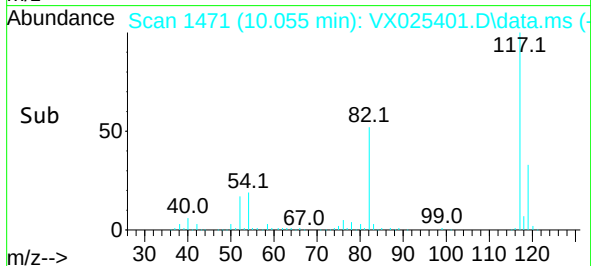
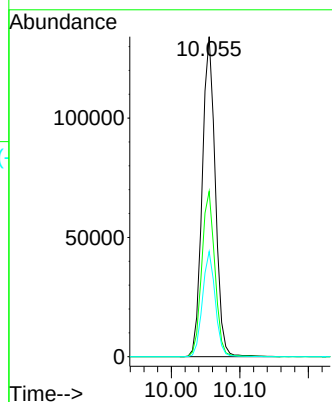
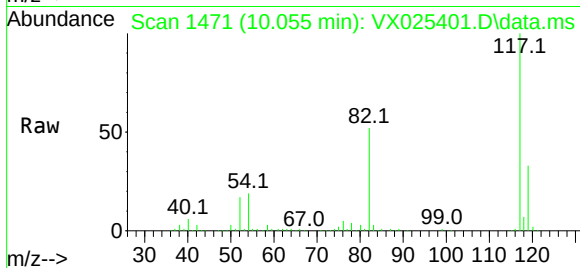




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

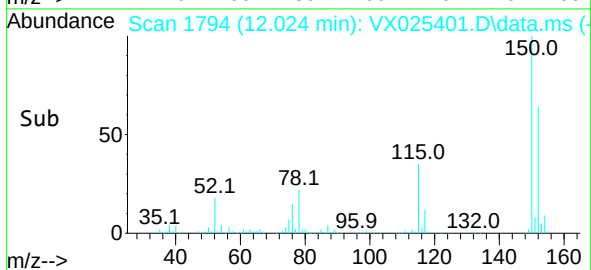
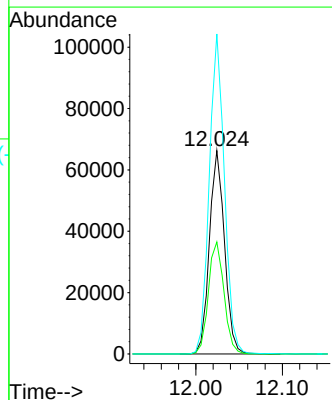
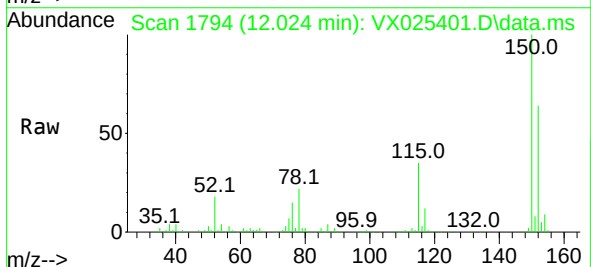
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

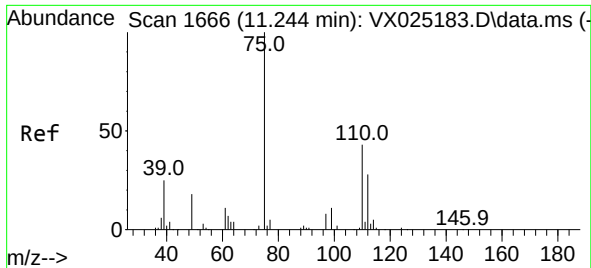
Tgt Ion:117 Resp: 178785
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

Tgt Ion:152 Resp: 80406
Ion Ratio Lower Upper
152 100
115 56.8 43.3 129.8
150 157.8 0.0 351.2

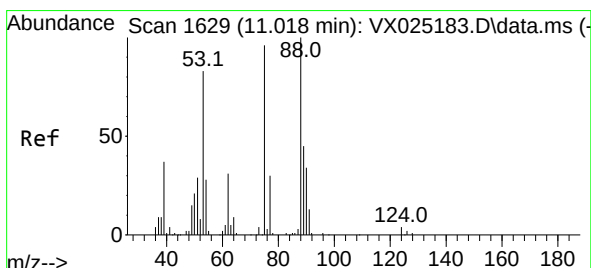
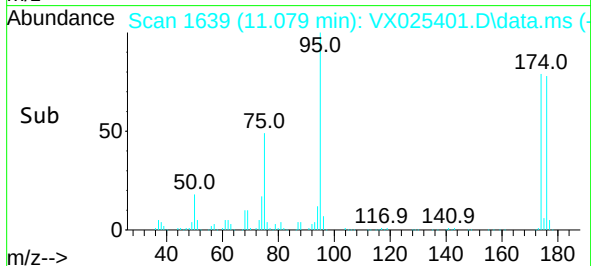
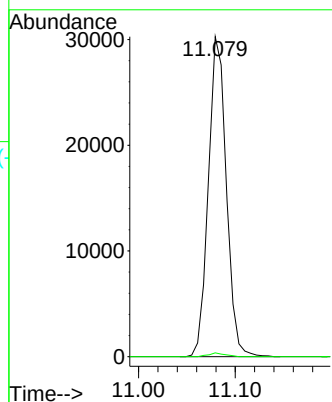
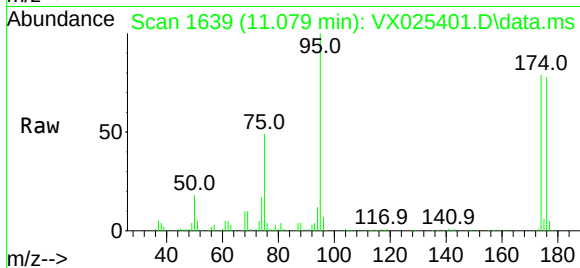




#76
1,2,3-Trichloropropane
Concen: 23.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

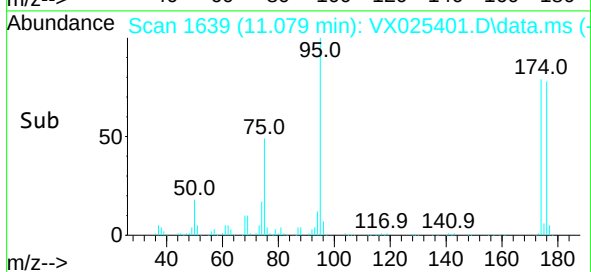
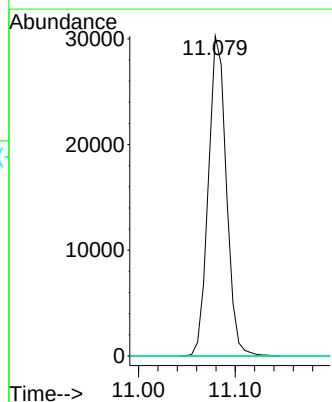
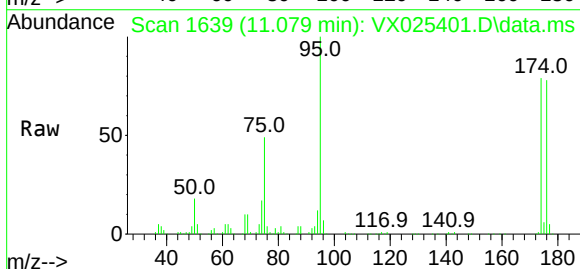
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01

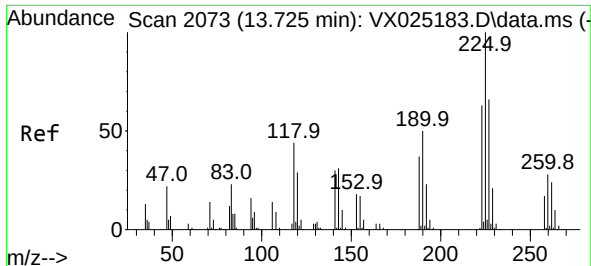
Tgt Ion: 75 Resp: 39163
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

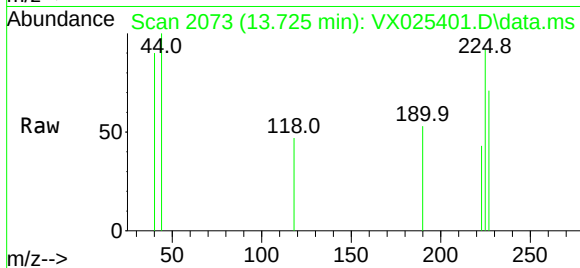
Tgt Ion: 75 Resp: 39163
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



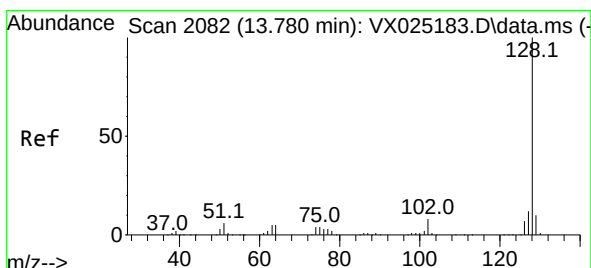
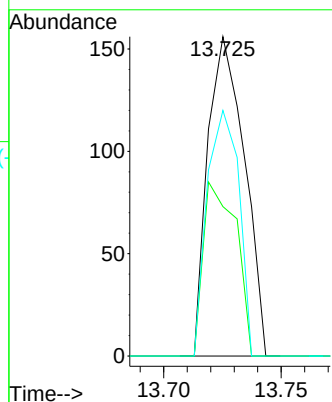
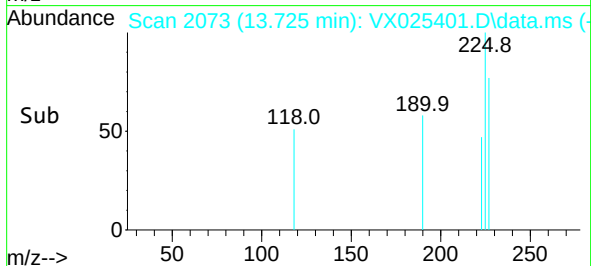


#94
Hexachlorobutadiene
Concen: 0.224 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17

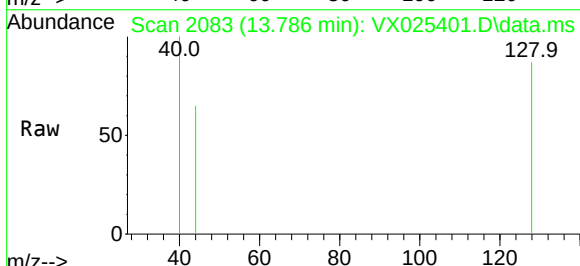
Instrument :
MSVOA_X
ClientSampleId :
VX1201MBL01



Tgt Ion:225 Resp: 169
Ion Ratio Lower Upper
225 100
223 48.5 30.9 92.7
227 66.9 31.1 93.5



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025401.D
Acq: 01 Dec 2021 10:17



Tgt Ion:128 Resp: 190
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

