

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025275.D
 Acq On : 23 Nov 2021 15:31
 Operator : JC/MD
 Sample : M4800-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 03:13:34 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)

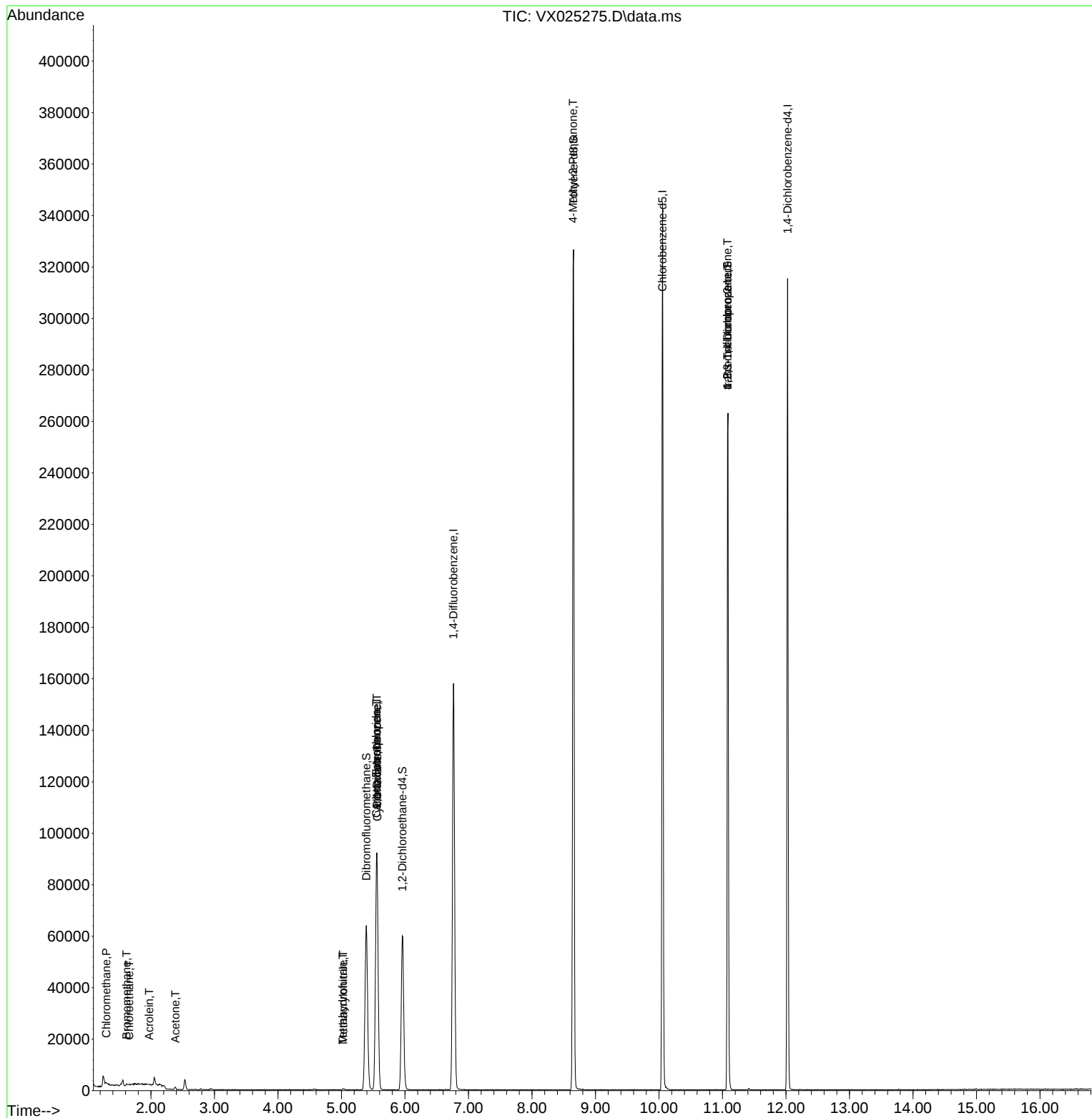
Internal Standards						
1) Pentafluorobenzene	5.556	168	94298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56825	57.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.340%			
35) Dibromofluoromethane	5.391	113	54713	52.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	8.653	98	201549	51.101	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.200%			
62) 4-Bromofluorobenzene	11.079	95	72533	48.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.220%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	406	0.401	ug/l	99
5) Bromomethane	1.618	94	219	0.458	ug/l	93
6) Chloroethane	1.654	64	158	0.206	ug/l	96
11) Tert butyl alcohol	2.947	59	202	Below Cal	#	72
13) Acrolein	1.971	56	47	1.032	ug/l #	13
16) Acetone	2.386	43	1081	1.957	ug/l	98
29) Tetrahydrofuran	5.019	42	394	0.797	ug/l #	42
31) Cyclohexane	5.562	56	1732	1.128	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	6570	4.405	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8866	5.396	ug/l #	16
41) Methacrylonitrile	5.026	41	231	0.245	ug/l #	34
51) 4-Methyl-2-Pentanone	8.647	43	855	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34706	25.107	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34706	63.249	ug/l #	9
95) Naphthalene	13.774	128	217	Below Cal	#	69

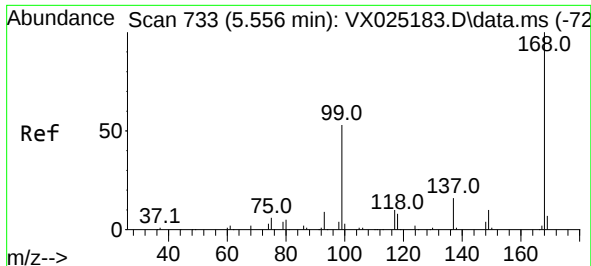
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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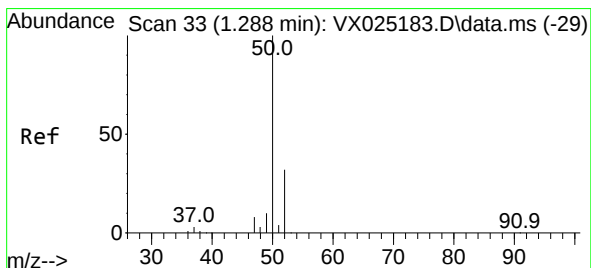
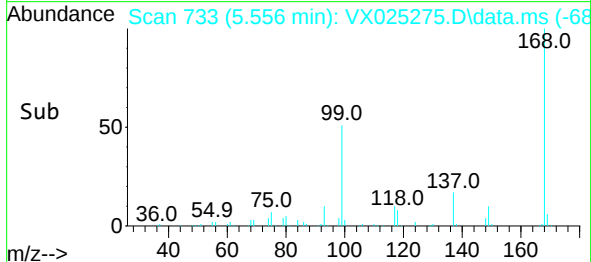
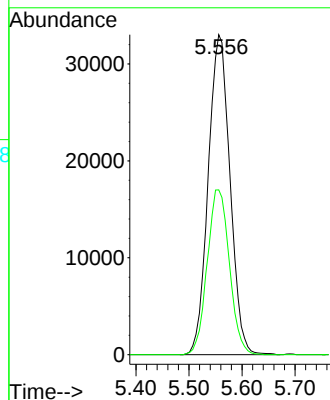
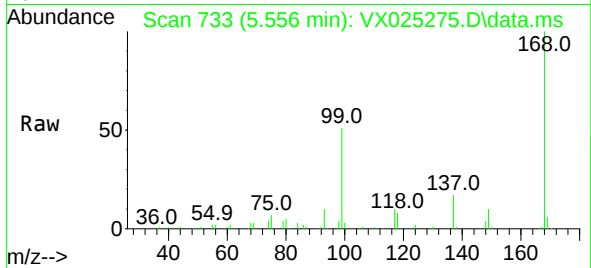




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

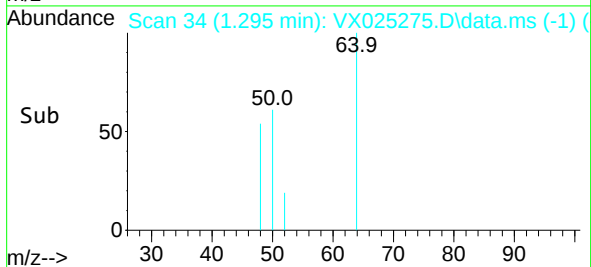
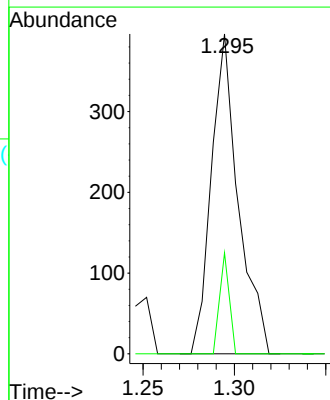
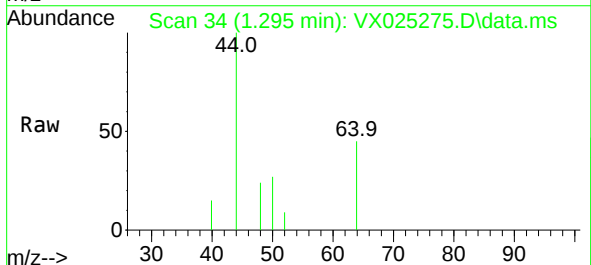
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 94298
Ion Ratio Lower Upper
168 100
99 51.5 46.4 69.6



#3
Chloromethane
Concen: 0.401 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

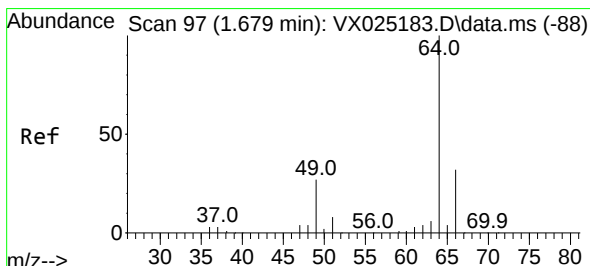
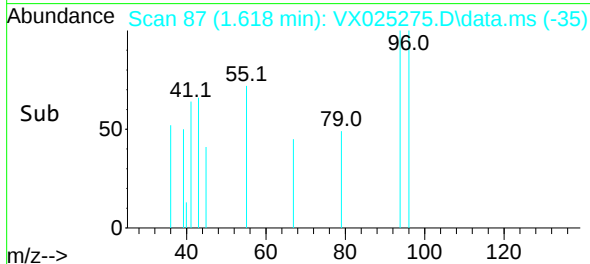
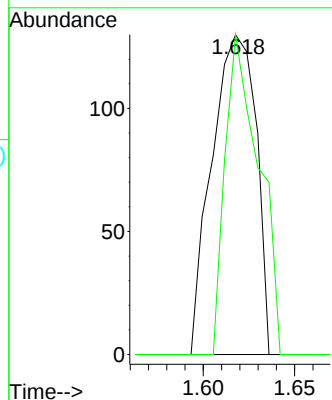
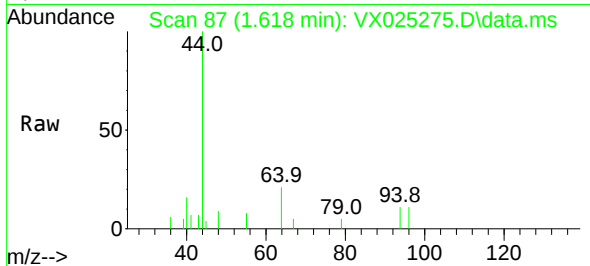




#5
Bromomethane
Concen: 0.458 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

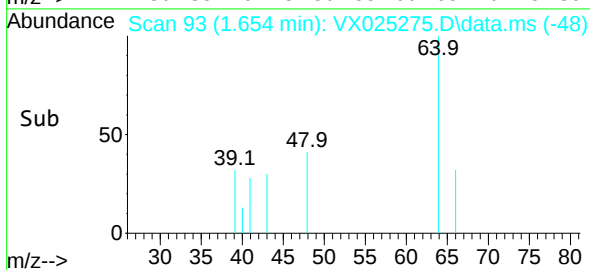
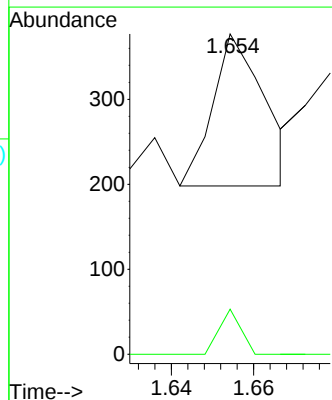
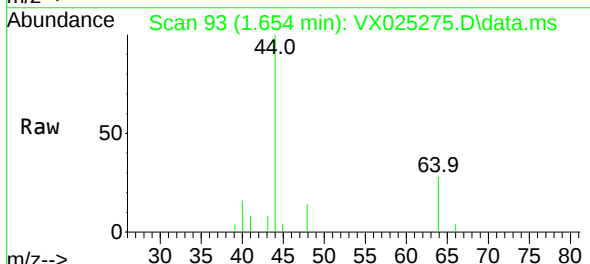
Instrument :
MSVOA_X
ClientSampleId :

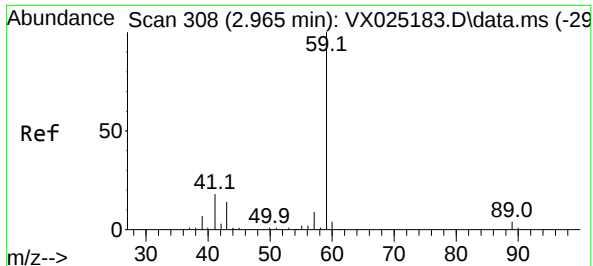
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 100.0 74.8 112.2



#6
Chloroethane
Concen: 0.206 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 29.6 25.6 38.4





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025275.D

Acq: 23 Nov 2021 15:31

Instrument :

MSVOA_X

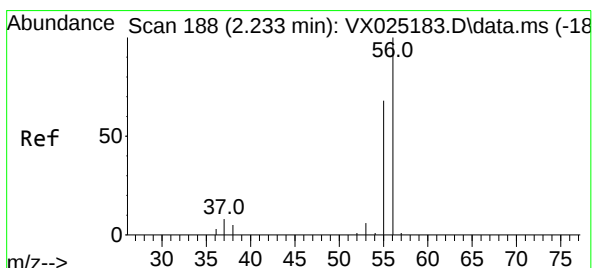
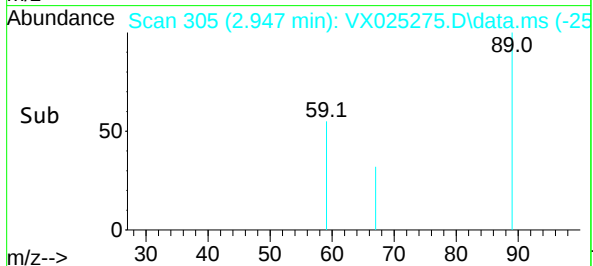
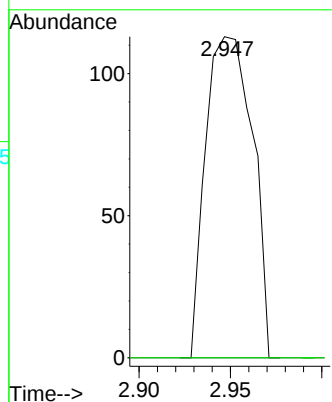
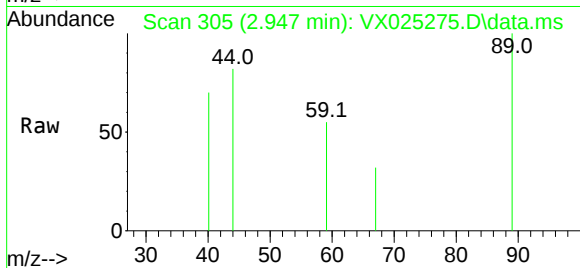
ClientSampleId :

Tgt Ion: 59 Resp: 202

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 1.032 ug/l

RT: 1.971 min Scan# 145

Delta R.T. -0.262 min

Lab File: VX025275.D

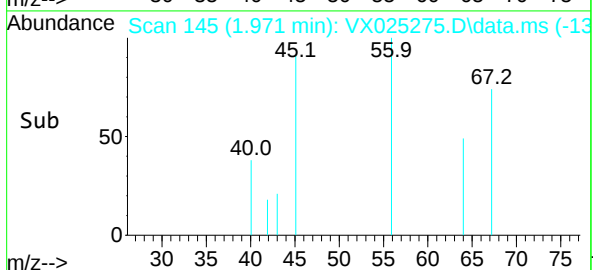
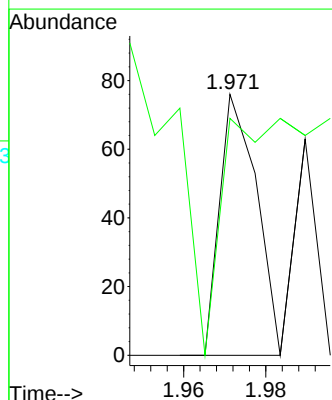
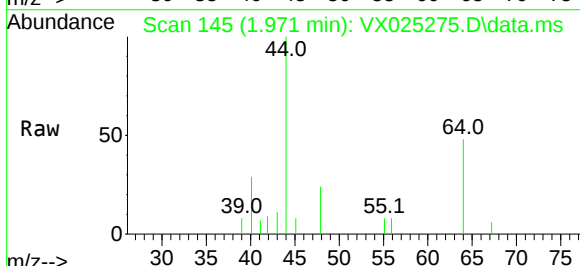
Acq: 23 Nov 2021 15:31

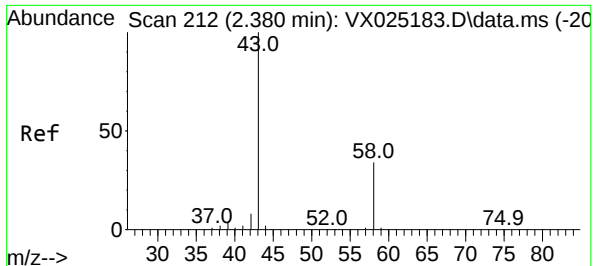
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

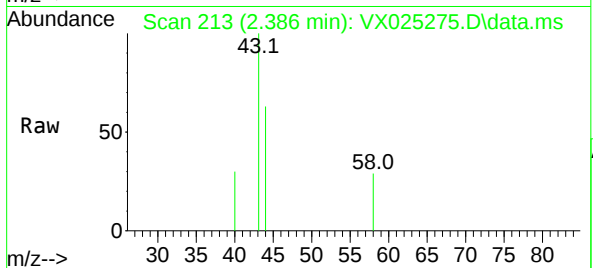
55 0.0 58.6 87.8#



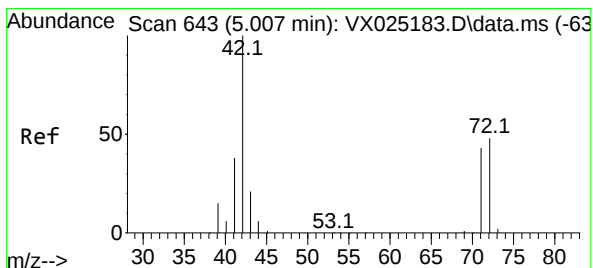
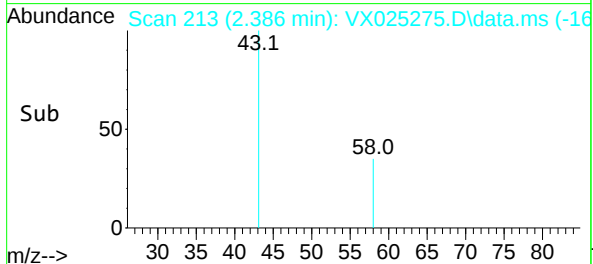
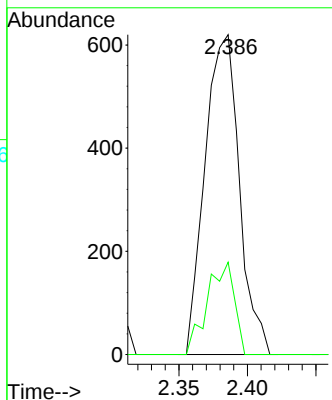


#16
Acetone
Concen: 1.957 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :

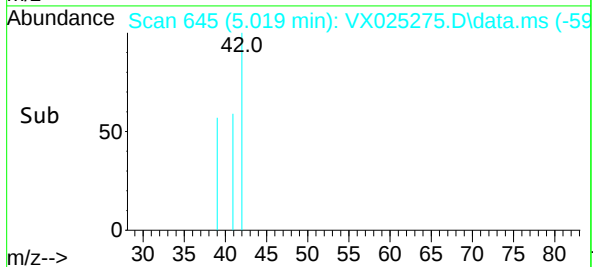
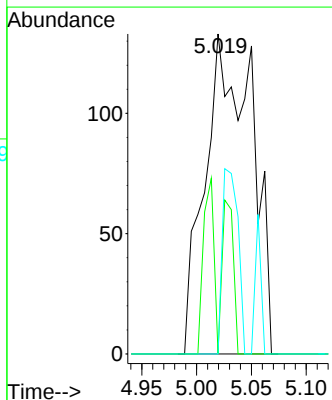
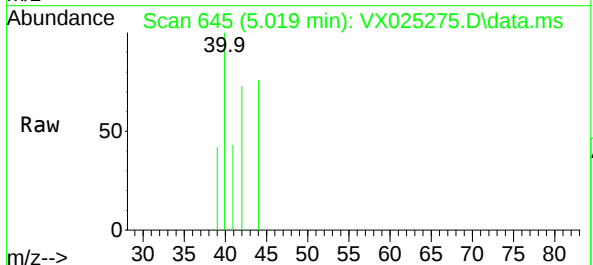


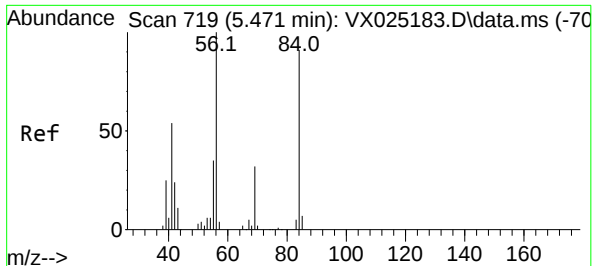
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0



#29
Tetrahydrofuran
Concen: 0.797 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.013 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

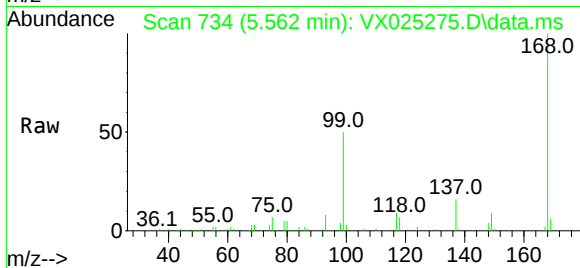
Tgt Ion: 42 Resp: 394
Ion Ratio Lower Upper
42 100
72 12.2 36.1 54.1#
71 0.0 33.7 50.5#



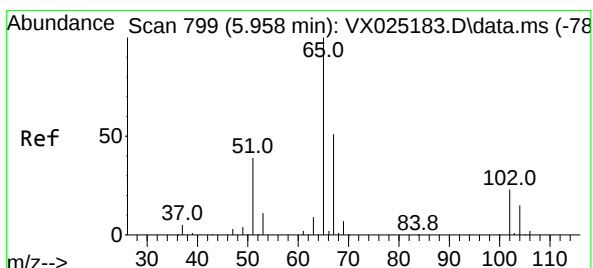
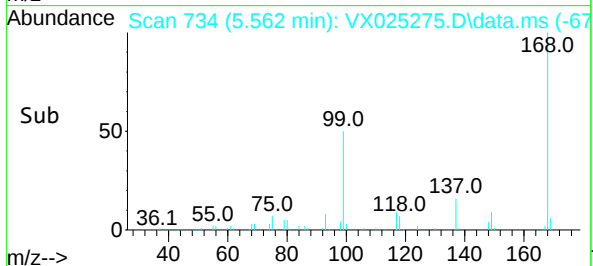
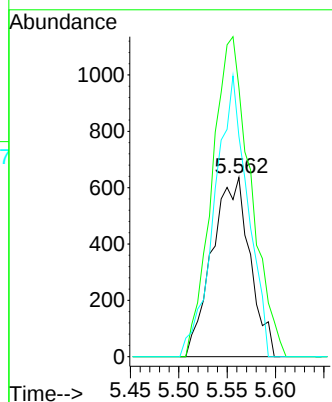


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :

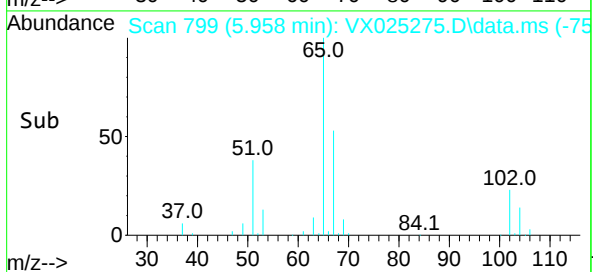
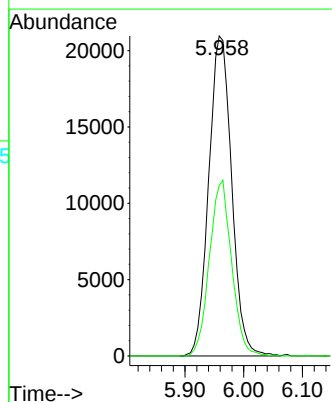
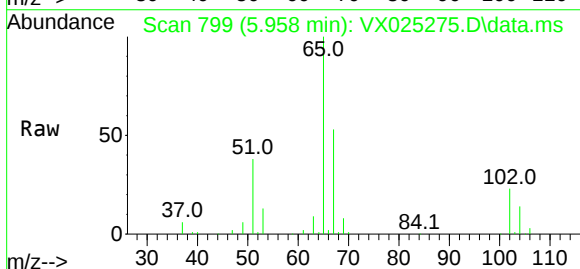


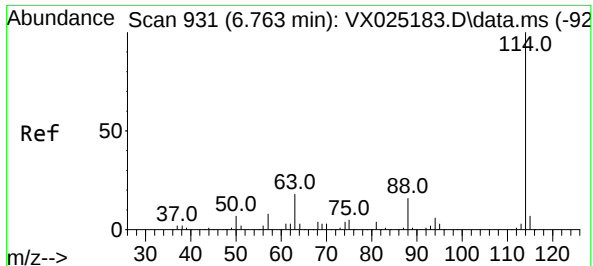
Tgt Ion: 56 Resp: 1732
Ion Ratio Lower Upper
56 100
69 150.2 24.2 36.2#
84 123.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 57.170 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Tgt Ion: 65 Resp: 56825
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.0

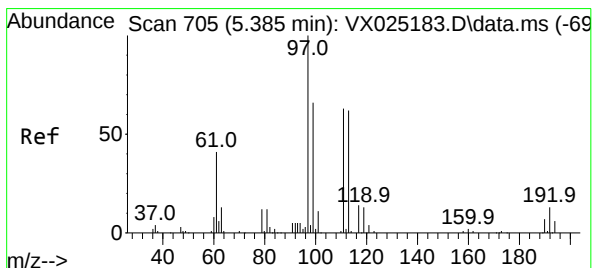
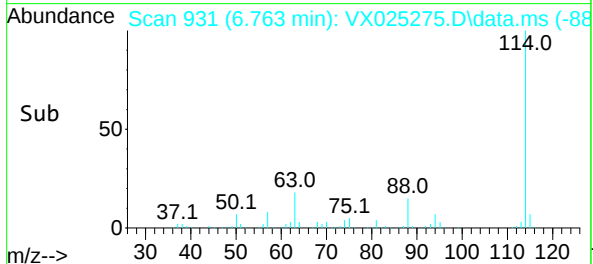
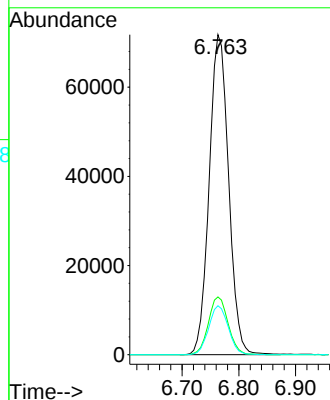
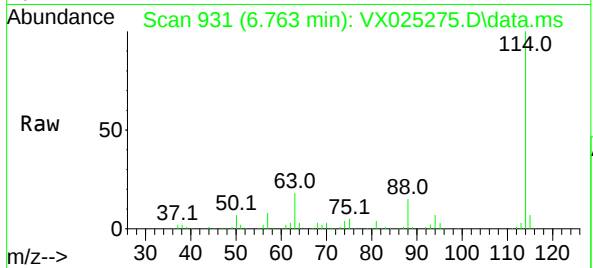




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

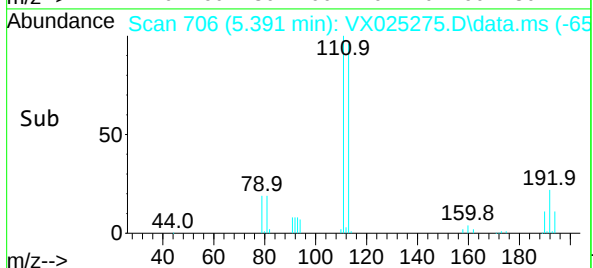
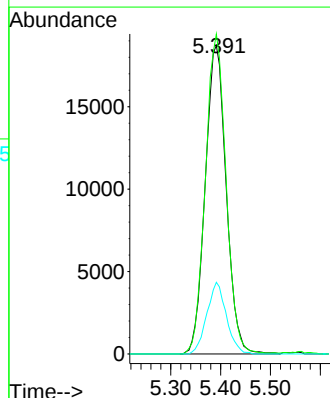
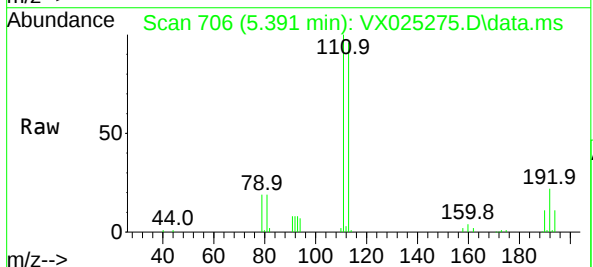
Instrument :
MSVOA_X
ClientSampleId :

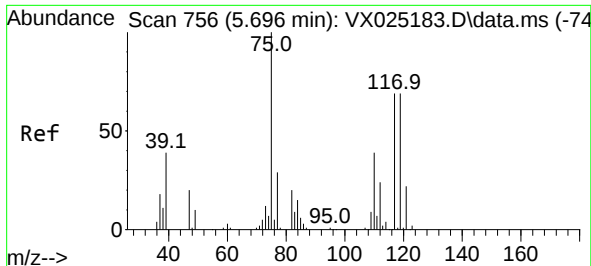
Tgt Ion:114 Resp: 170968
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.157 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Tgt Ion:113 Resp: 54713
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 21.7 15.6 23.4

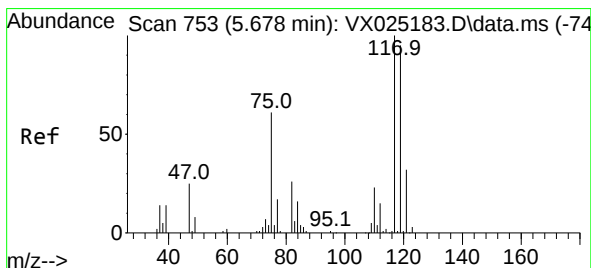
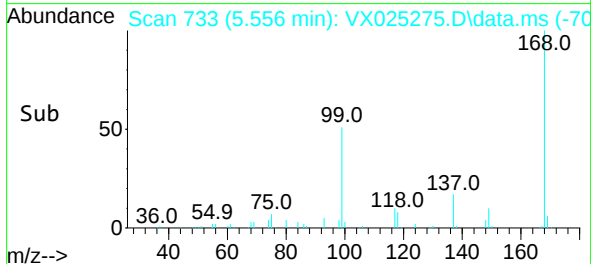
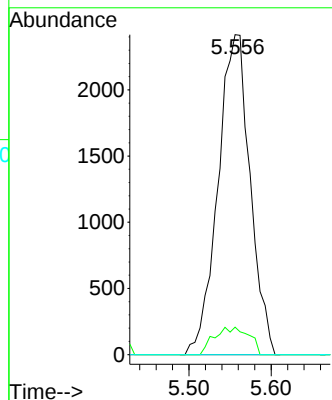
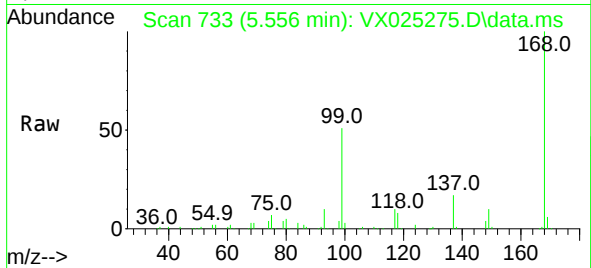




#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

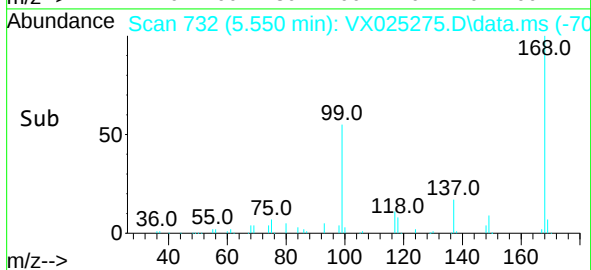
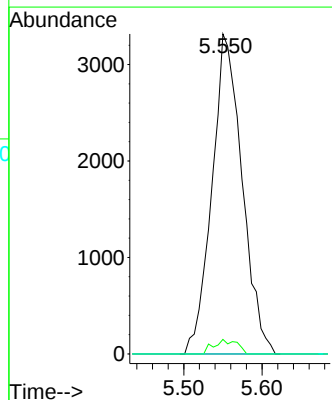
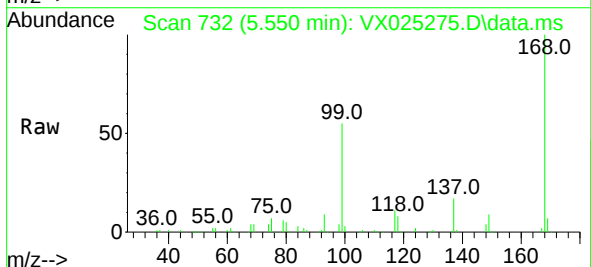
Instrument :
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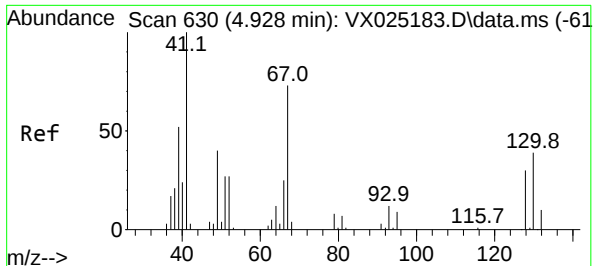
Tgt Ion: 75 Resp: 6570
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.396 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

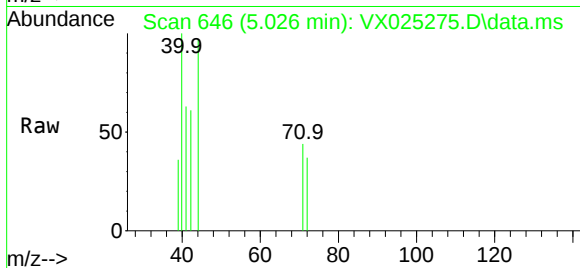
Tgt Ion: 117 Resp: 8866
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 23.7 35.5#



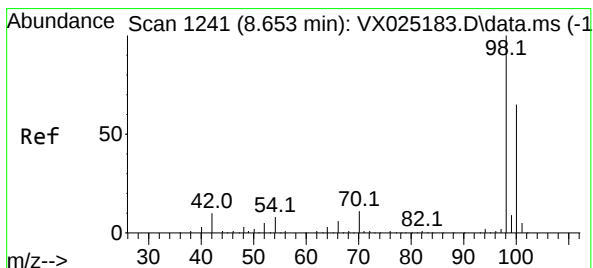
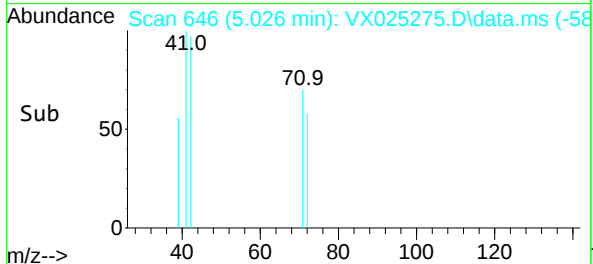
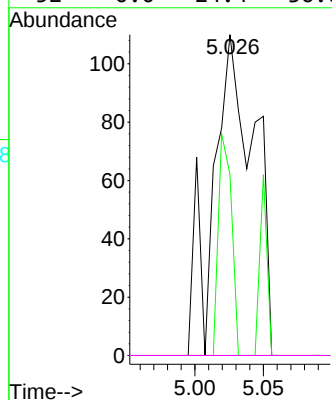


#41
Methacrylonitrile
Concen: 0.245 ug/l
RT: 5.026 min Scan# 641
Delta R.T. 0.098 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :

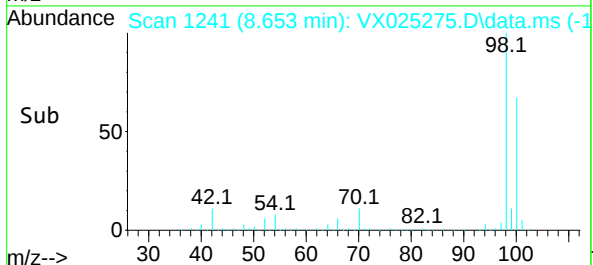
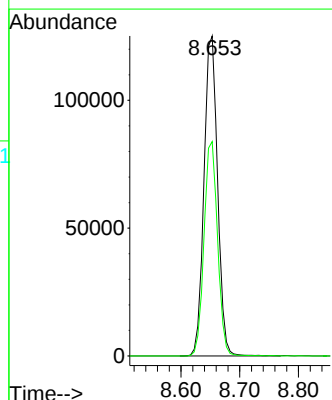
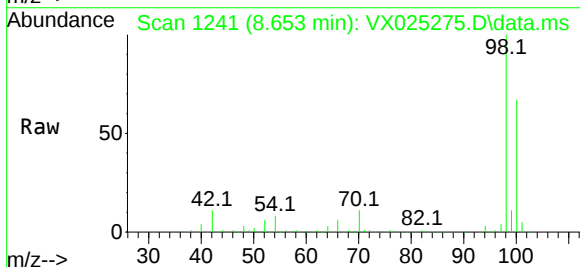


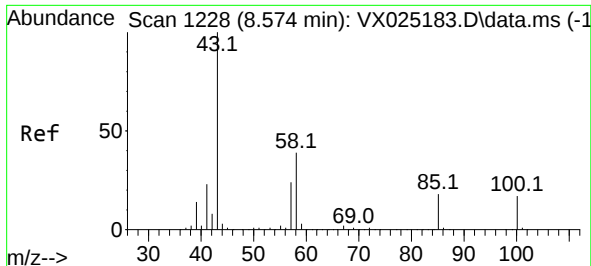
Tgt Ion: 41 Resp: 231
Ion Ratio Lower Upper
41 100
39 21.6 44.6 67.0#
67 0.0 56.7 85.1#
52 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Tgt Ion: 98 Resp: 201549
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.483 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX025275.D

Acq: 23 Nov 2021 15:31

Instrument :

MSVOA_X

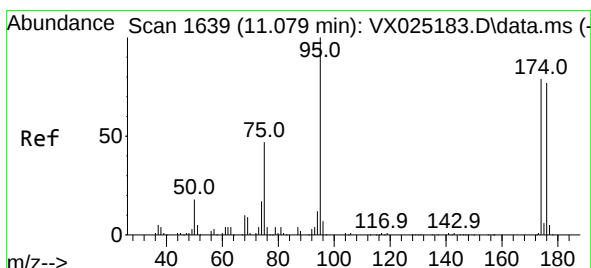
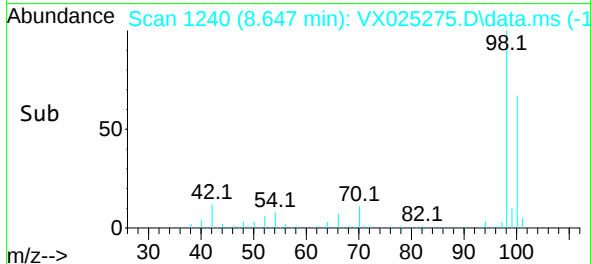
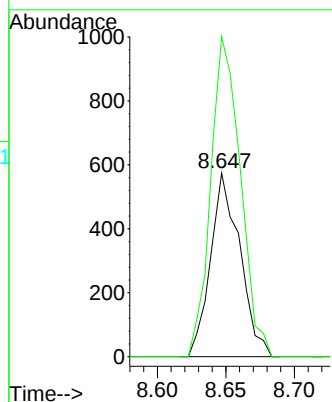
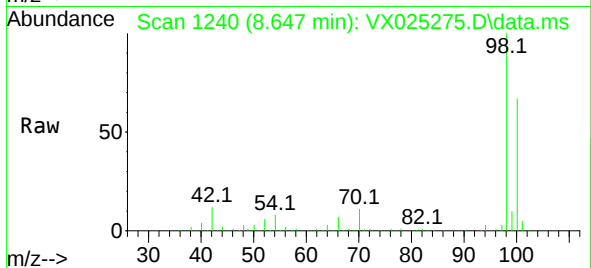
ClientSampleId :

Tgt Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

58 176.6 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 48.611 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025275.D

Acq: 23 Nov 2021 15:31

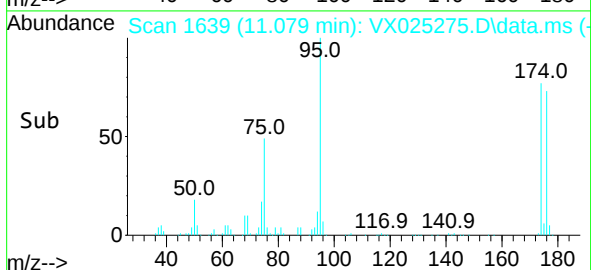
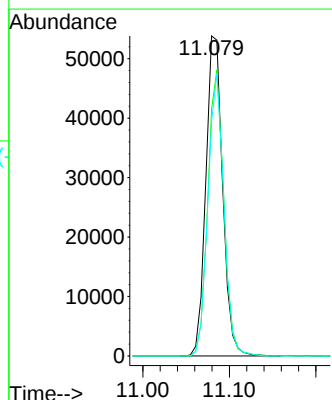
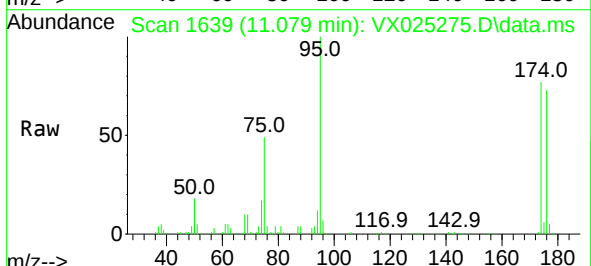
Tgt Ion: 95 Resp: 72533

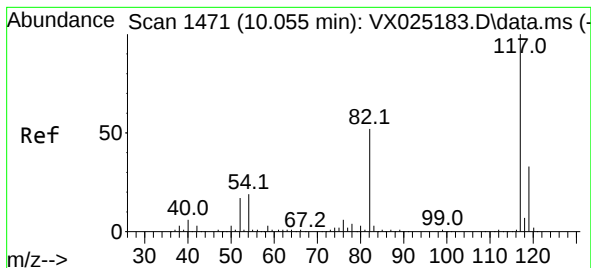
Ion Ratio Lower Upper

95 100

174 85.4 0.0 158.0

176 83.5 0.0 153.6

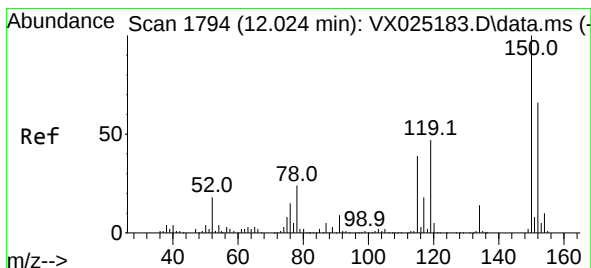
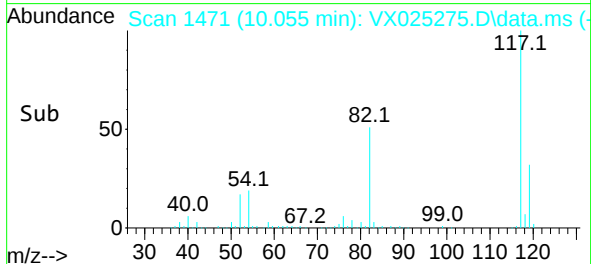
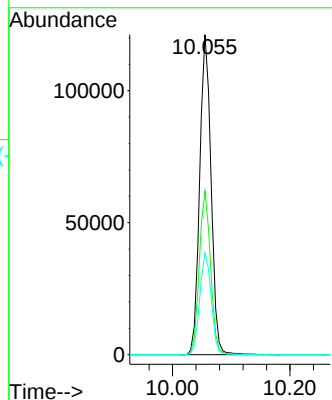
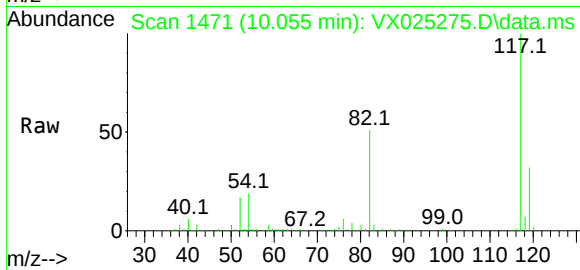




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

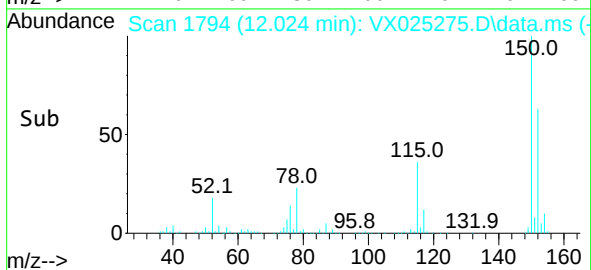
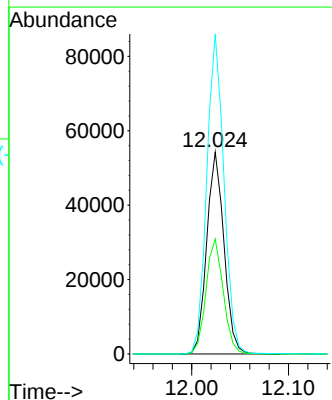
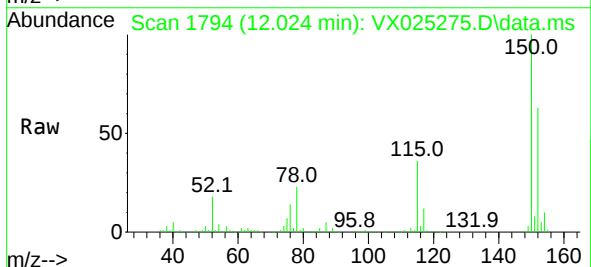
Instrument :
MSVOA_X
ClientSampleId :

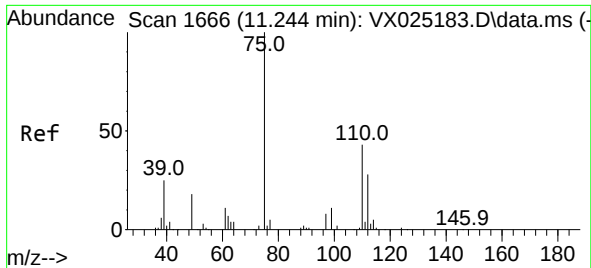
Tgt Ion:117 Resp: 162504
Ion Ratio Lower Upper
117 100
82 51.1 44.6 67.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Tgt Ion:152 Resp: 67503
Ion Ratio Lower Upper
152 100
115 57.2 43.3 129.8
150 157.9 0.0 351.2

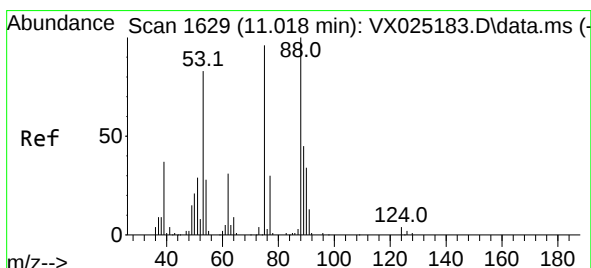
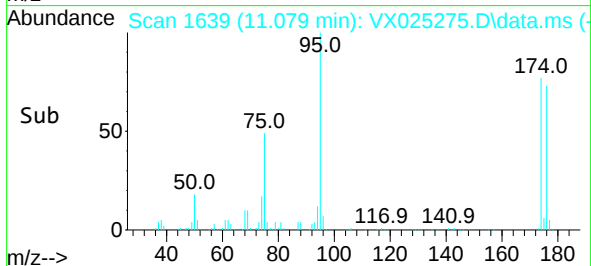
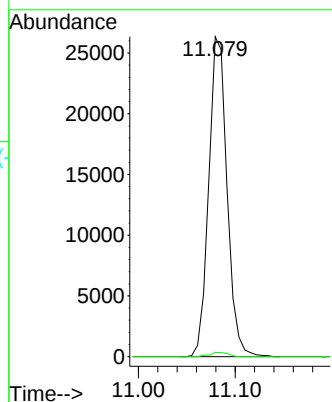
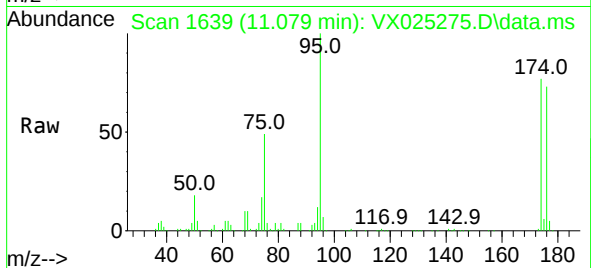




#76
1,2,3-Trichloropropane
Concen: 25.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

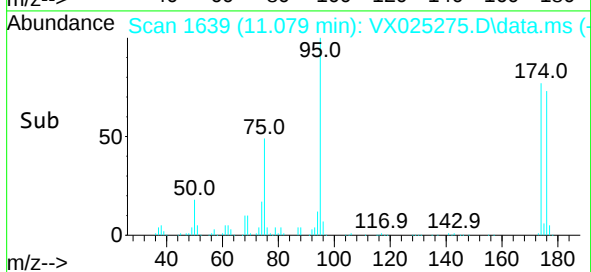
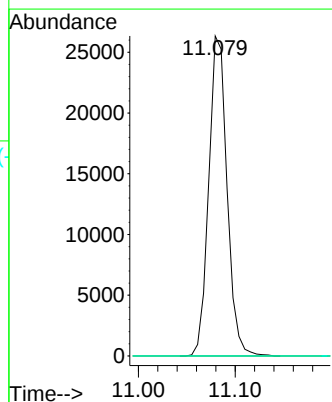
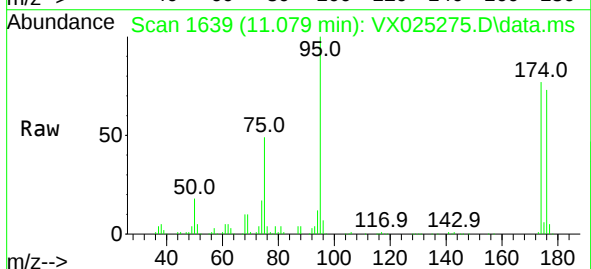
Instrument :
MSVOA_X
ClientSampleId :

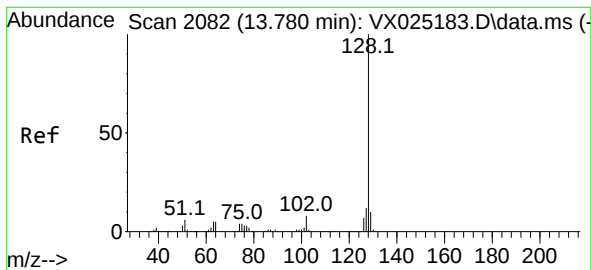
Tgt Ion: 75 Resp: 34706
Ion Ratio Lower Upper
75 100
77 1.4 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

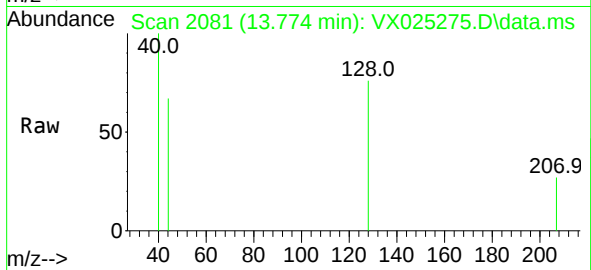
Tgt Ion: 75 Resp: 34706
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.774 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX025275.D
Acq: 23 Nov 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 217
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

