

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025298.D
 Acq On : 24 Nov 2021 00:48
 Operator : JC/MD
 Sample : M4758-05
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 03:18:12 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)

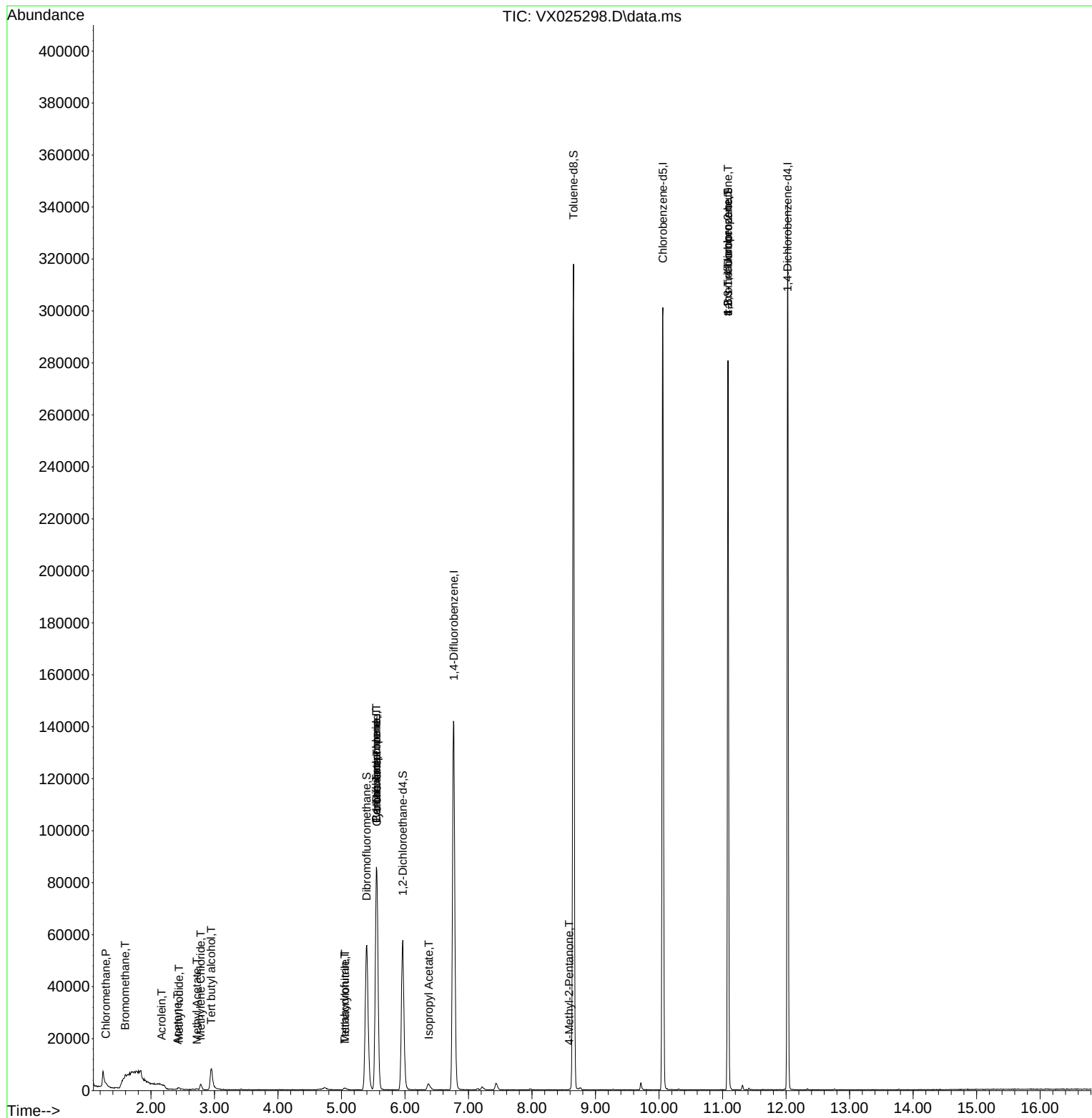
Internal Standards						
1) Pentafluorobenzene	5.550	168	94226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	168429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	160055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55912	56.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.580%			
35) Dibromofluoromethane	5.397	113	53106	51.388	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	8.653	98	199950	51.460	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.085	95	74148	50.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.880%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	255	0.252	ug/l #	42
5) Bromomethane	1.593	94	277	0.580	ug/l #	76
10) Methyl Iodide	2.441	142	657	0.599	ug/l #	87
11) Tert butyl alcohol	2.947	59	6469	18.035	ug/l #	73
13) Acrolein	2.166	56	47	1.033	ug/l #	1
16) Acetone	2.416	43	413	0.748	ug/l #	81
18) Methyl Acetate	2.721	43	471	0.267	ug/l #	52
20) Methylene Chloride	2.782	84	1195	1.152	ug/l #	85
29) Tetrahydrofuran	5.050	42	520	1.053	ug/l	97
31) Cyclohexane	5.556	56	1720	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6191	4.213	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8751	5.407	ug/l #	16
41) Methacrylonitrile	5.056	41	328	0.353	ug/l #	39
43) Isopropyl Acetate	6.373	43	1608	0.578	ug/l #	61
51) 4-Methyl-2-Pentanone	8.586	43	382	0.219	ug/l #	72
76) 1,2,3-Trichloropropane	11.085	75	35352	23.626	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	35352	59.517	ug/l #	9
95) Naphthalene	13.774	128	243	Below Cal	#	69

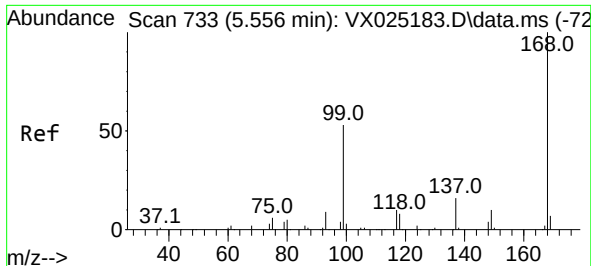
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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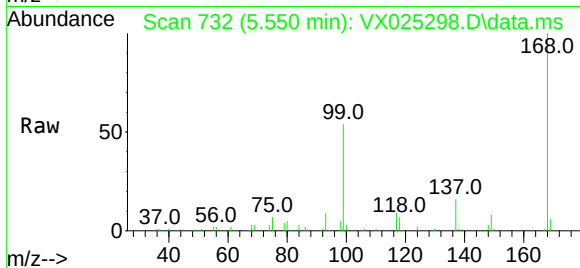
Quant Time: Nov 24 03:18:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



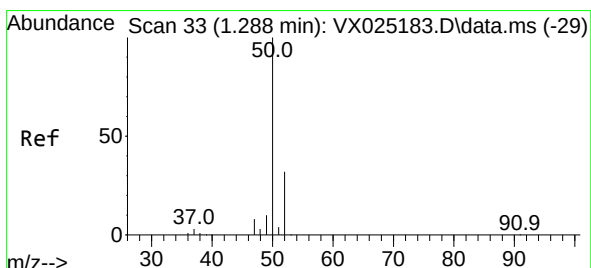
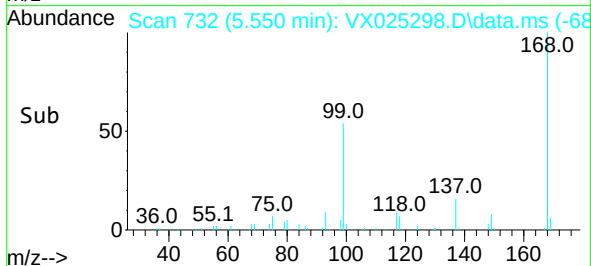
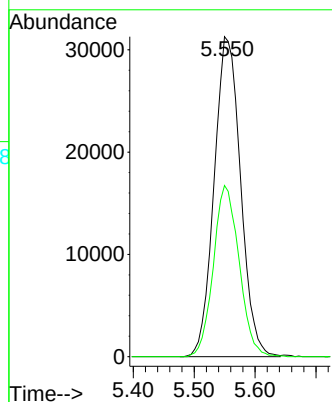


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Instrument :
MSVOA_X
ClientSampleId :

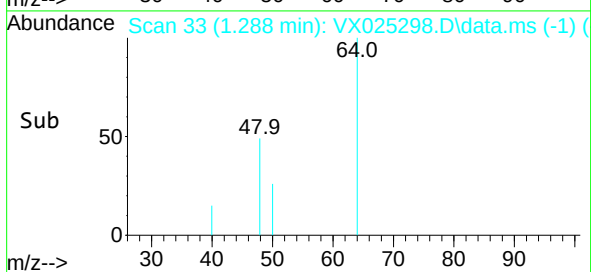
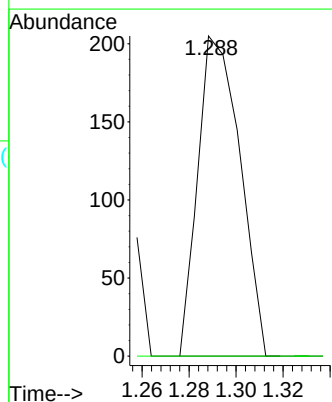
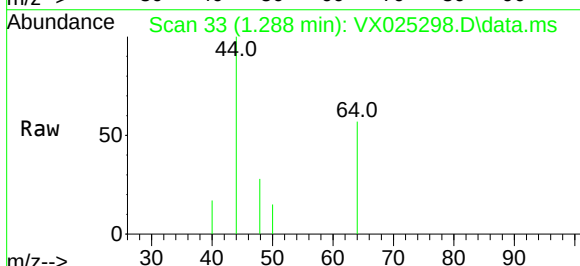


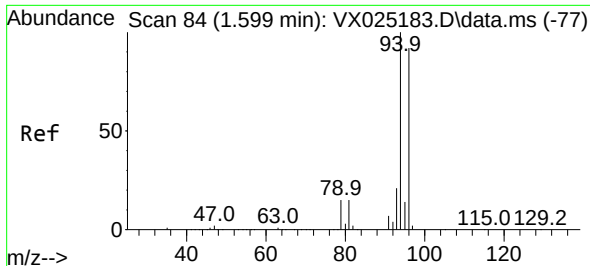
Tgt Ion:168 Resp: 94226
Ion Ratio Lower Upper
168 100
99 53.5 46.4 69.6



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

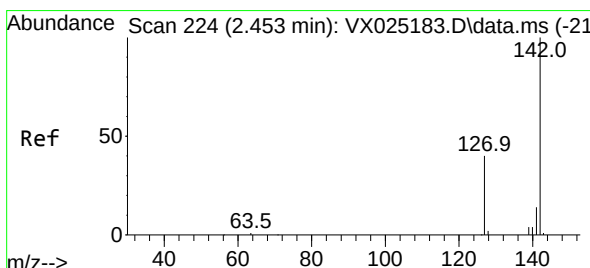
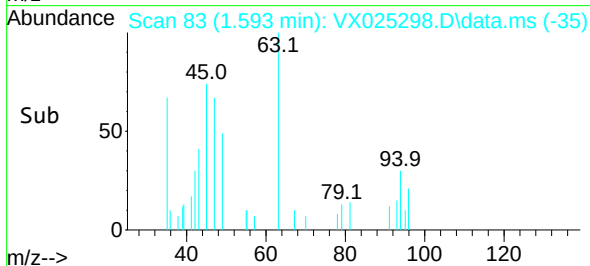
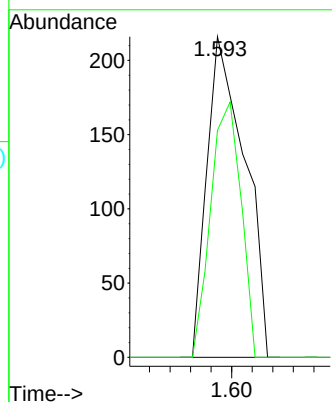
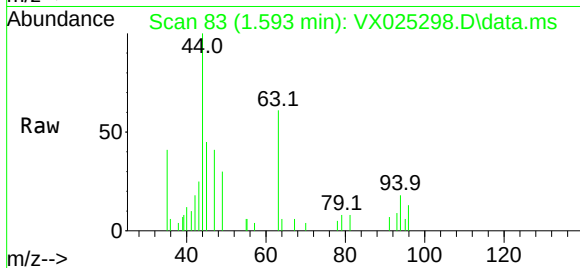




#5
Bromomethane
Concen: 0.580 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

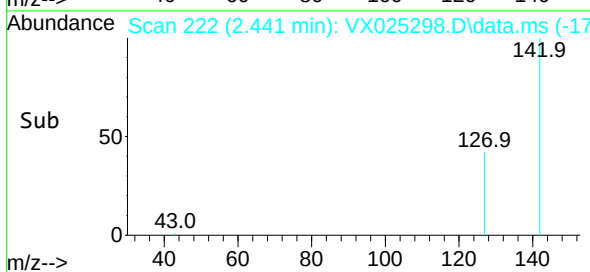
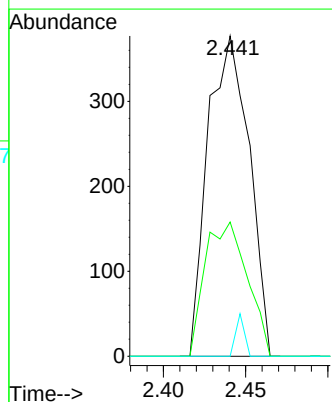
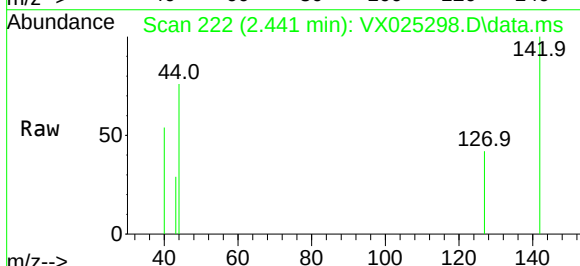
Instrument :
MSVOA_X
ClientSampleId :

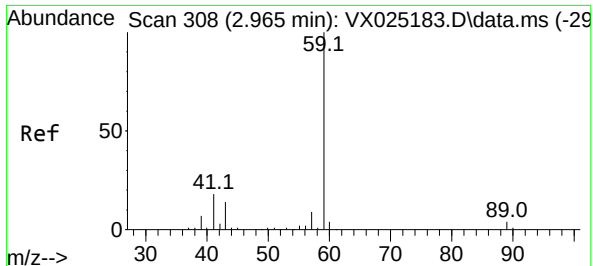
Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 70.8 74.8 112.2#



#10
Methyl Iodide
Concen: 0.599 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion: 142 Resp: 657
Ion Ratio Lower Upper
142 100
127 42.9 38.9 58.3
141 2.7 11.7 17.5#





#11

Tert butyl alcohol

Concen: 18.035 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025298.D

Acq: 24 Nov 2021 00:48

Instrument :

MSVOA_X

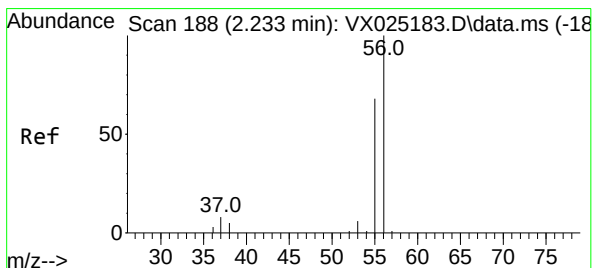
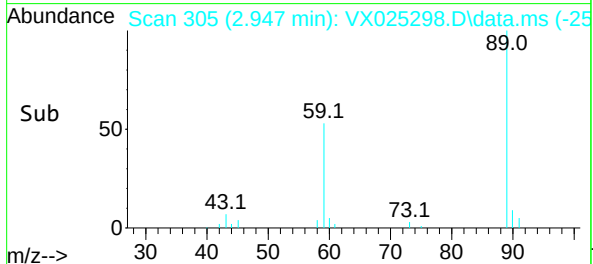
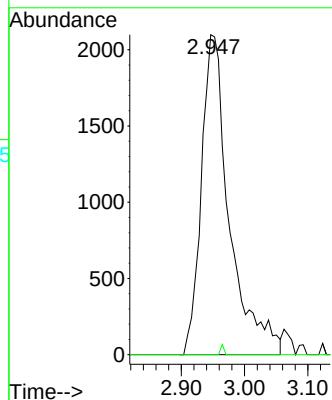
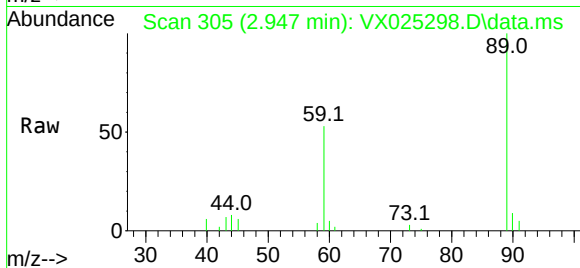
ClientSampleId :

Tgt Ion: 59 Resp: 6469

Ion Ratio Lower Upper

59 100

57 0.4 8.5 12.7#



#13

Acrolein

Concen: 1.033 ug/l

RT: 2.166 min Scan# 177

Delta R.T. -0.067 min

Lab File: VX025298.D

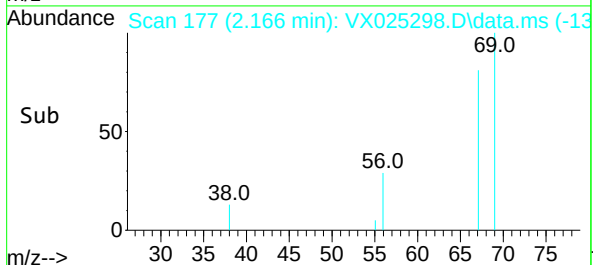
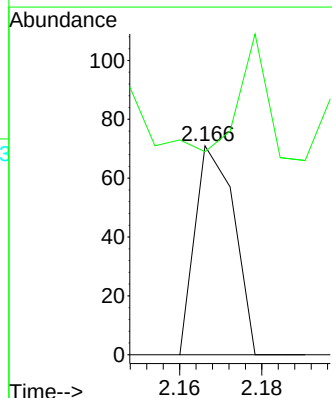
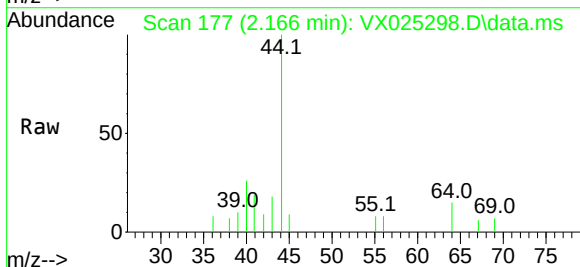
Acq: 24 Nov 2021 00:48

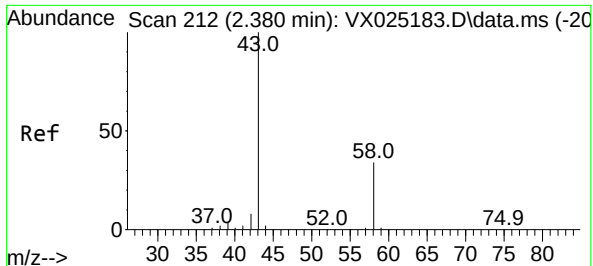
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

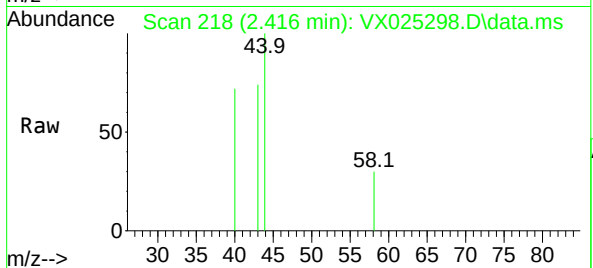
55 187.2 58.6 87.8#



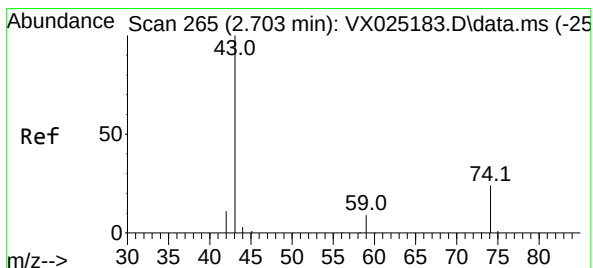
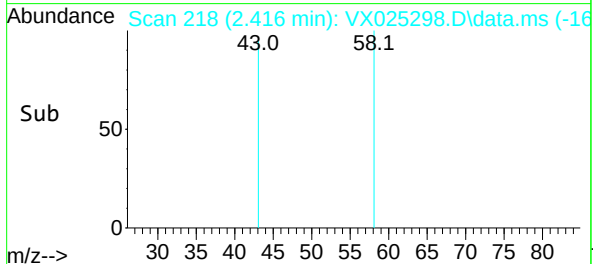
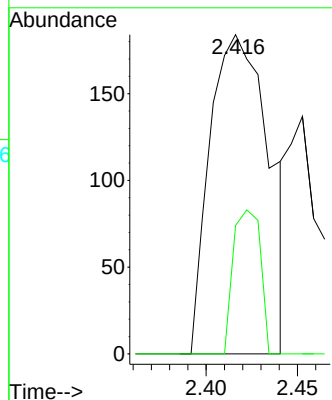


#16
Acetone
Concen: 0.748 ug/l
RT: 2.416 min Scan# 212
Delta R.T. 0.036 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Instrument :
MSVOA_X
ClientSampleId :

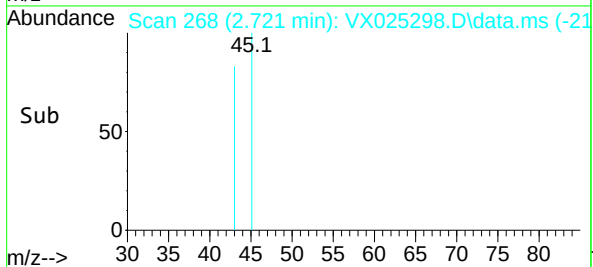
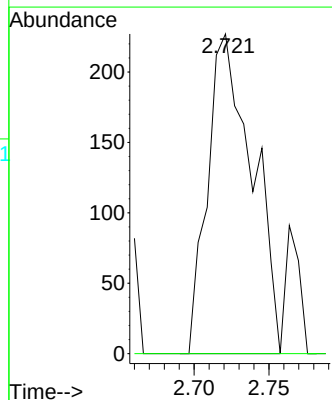
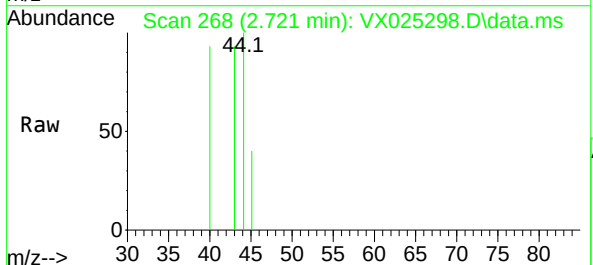


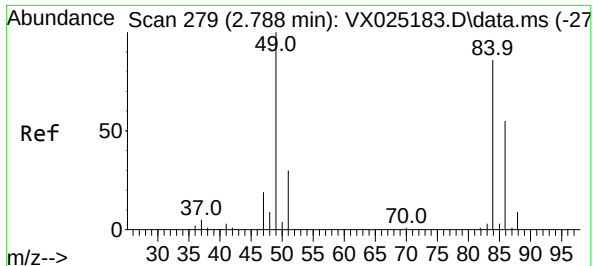
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 40.2 24.0 36.0#



#18
Methyl Acetate
Concen: 0.267 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#





#20

Methylene Chloride

Concen: 1.152 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

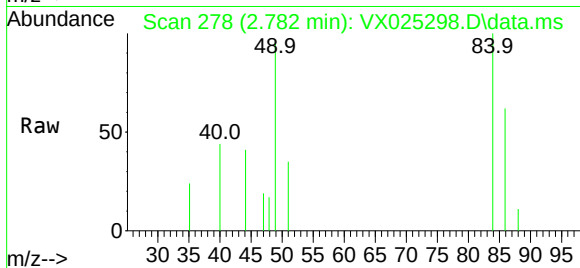
Lab File: VX025298.D

Acq: 24 Nov 2021 00:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1195

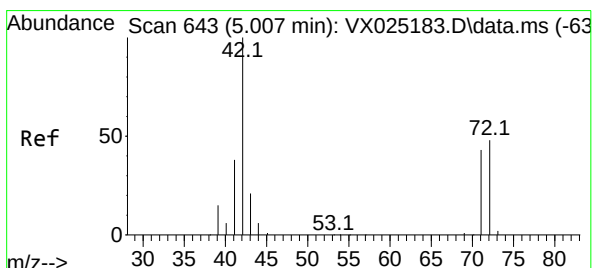
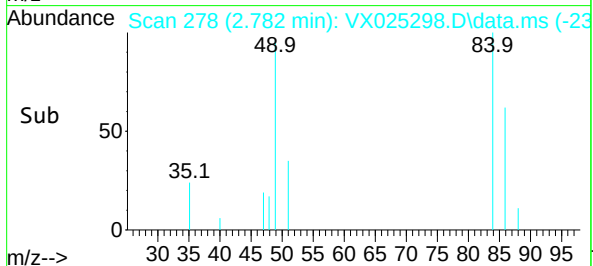
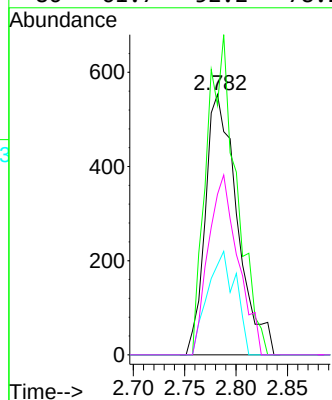
Ion Ratio Lower Upper

84 100

49 95.8 98.2 147.2#

51 34.5 30.2 45.4

86 61.7 52.2 78.2



#29

Tetrahydrofuran

Concen: 1.053 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX025298.D

Acq: 24 Nov 2021 00:48

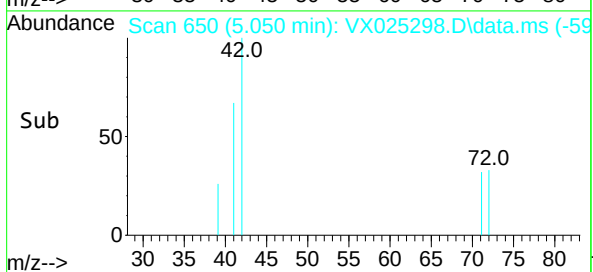
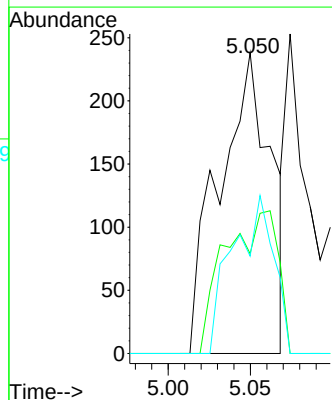
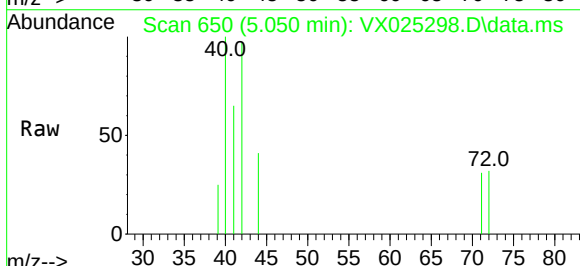
Tgt Ion: 42 Resp: 520

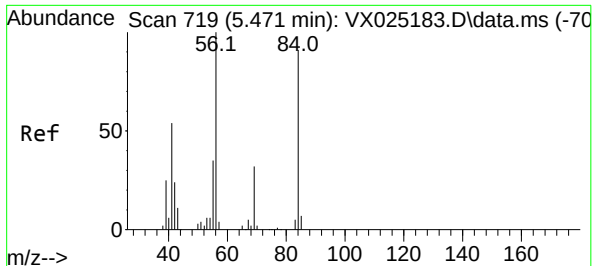
Ion Ratio Lower Upper

42 100

72 48.5 36.1 54.1

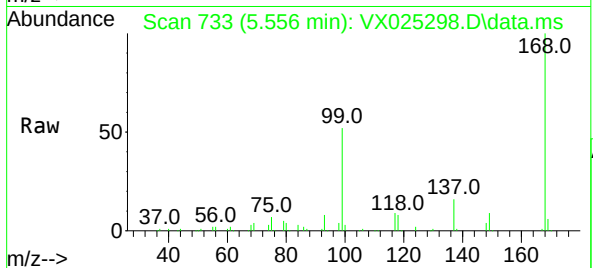
71 41.9 33.7 50.5



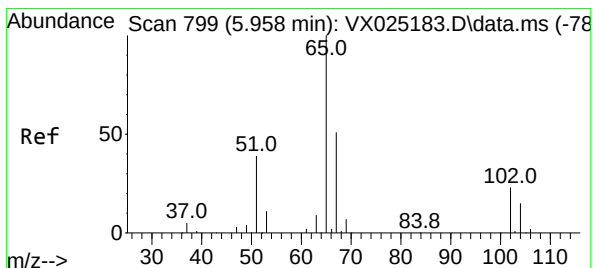
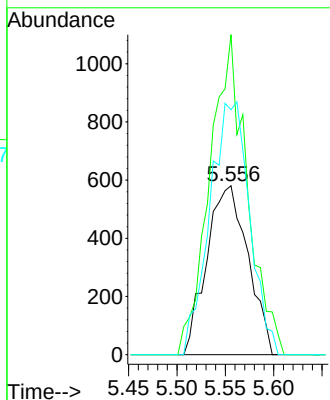
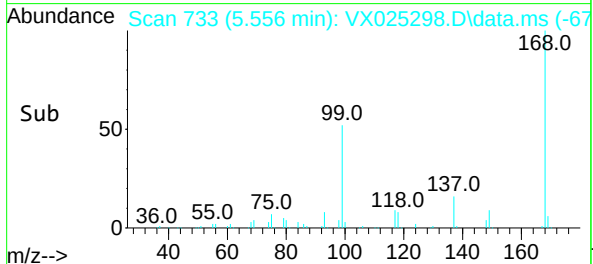


#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Instrument :
MSVOA_X
ClientSampleId :

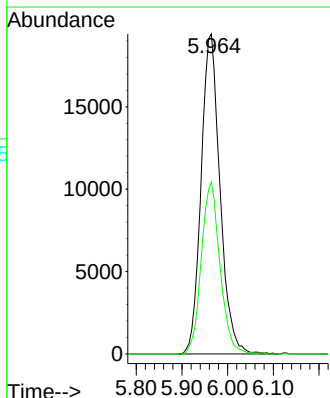
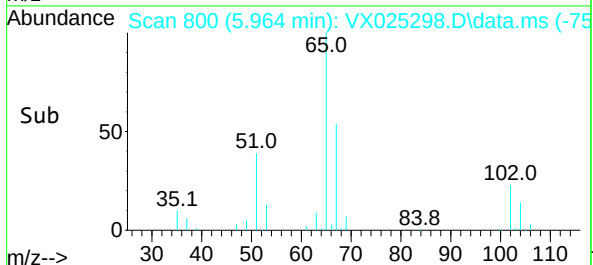
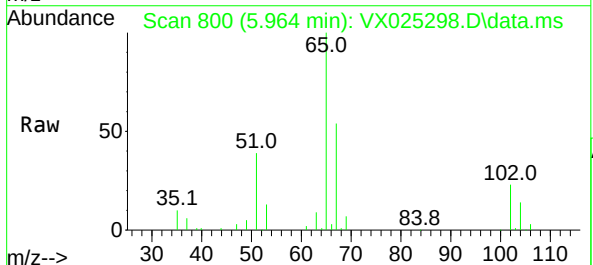


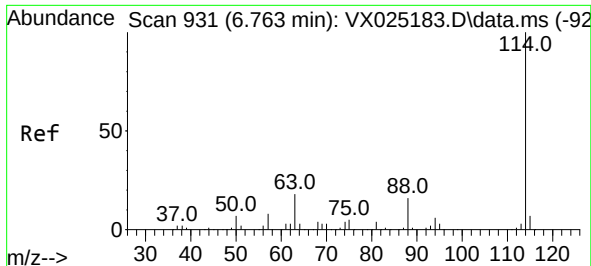
Tgt Ion: 56 Resp: 1720
Ion Ratio Lower Upper
56 100
69 189.3 24.2 36.2#
84 144.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion: 65 Resp: 55912
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.0

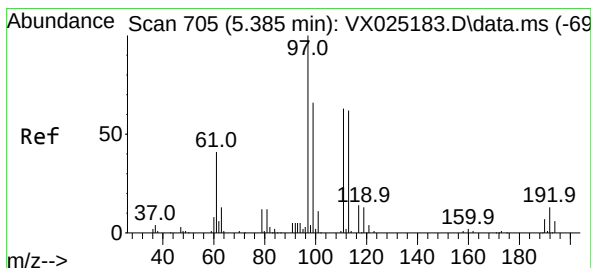
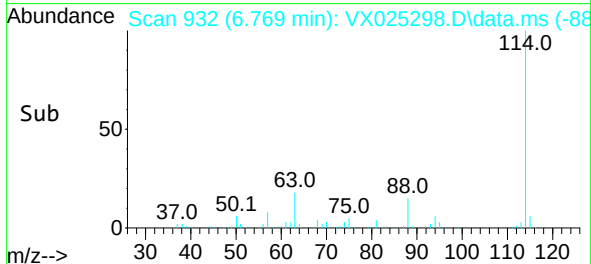
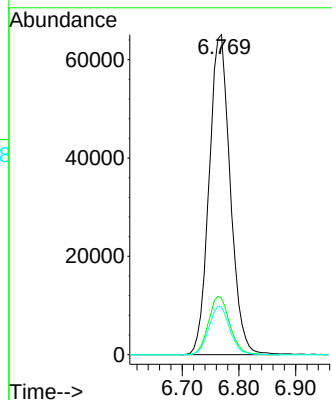
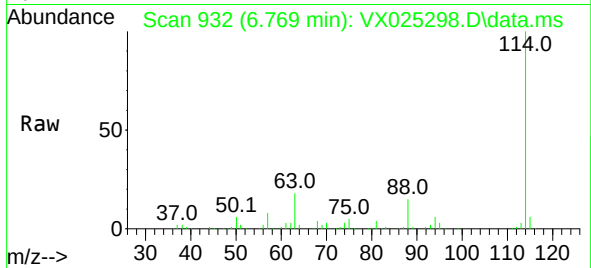




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

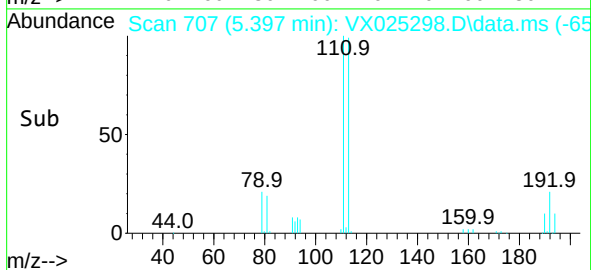
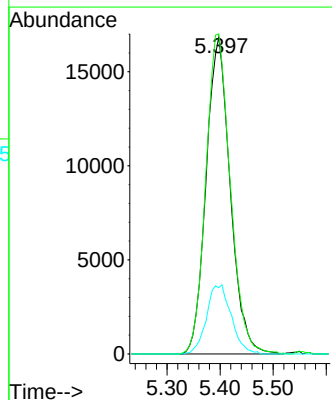
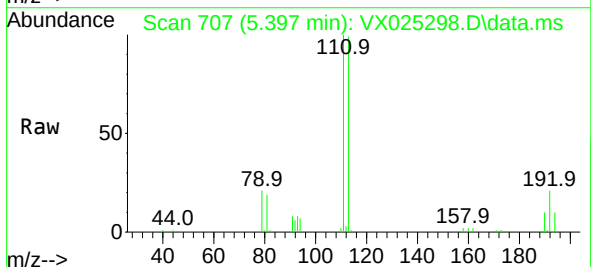
Instrument :
MSVOA_X
ClientSampleId :

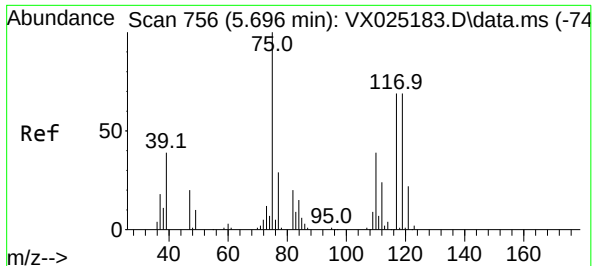
Tgt Ion:114 Resp: 168429
Ion Ratio Lower Upper
114 100
63 17.7 0.0 41.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.388 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion:113 Resp: 53106
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 22.4 15.6 23.4

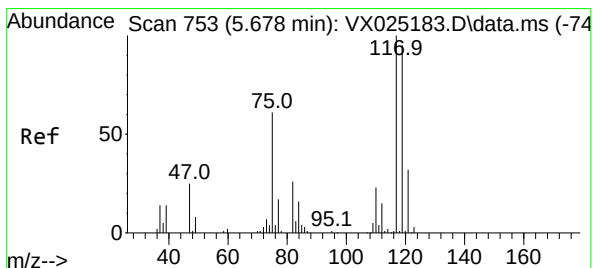
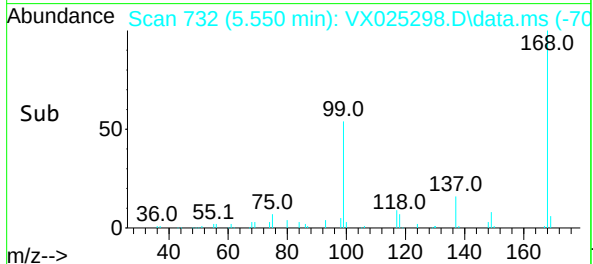
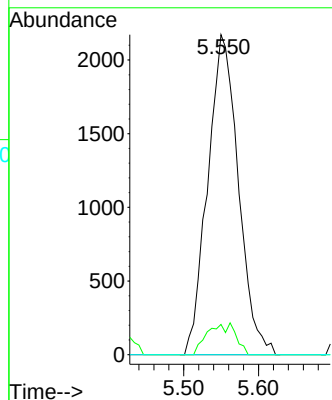
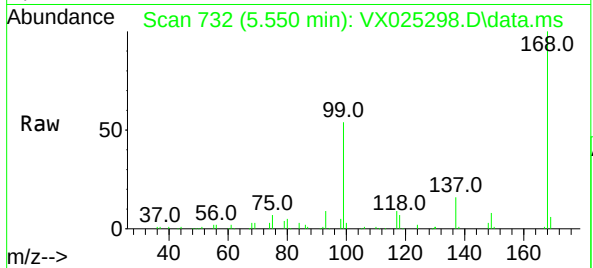




#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

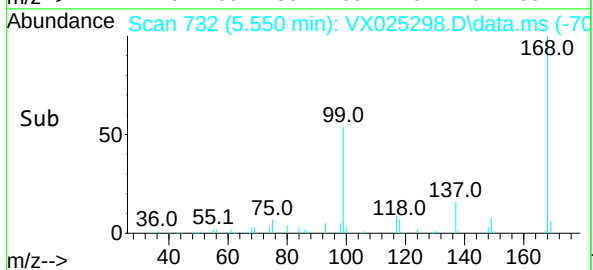
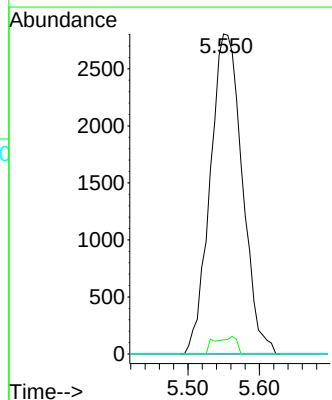
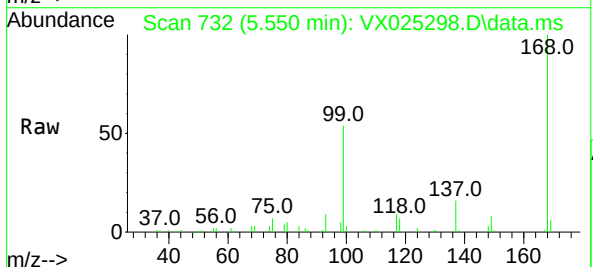
Instrument :
MSVOA_X
ClientSampleId :

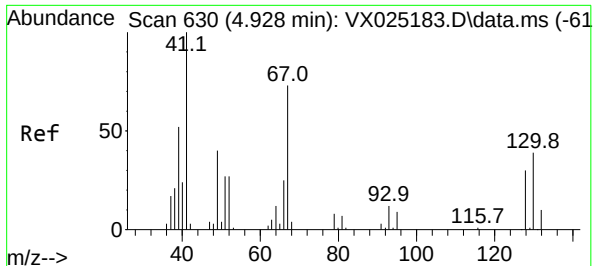
Tgt Ion: 75 Resp: 6191
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

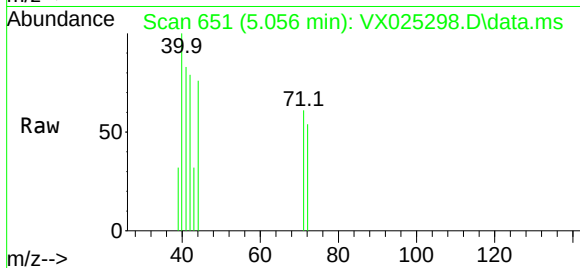
Tgt Ion: 117 Resp: 8751
Ion Ratio Lower Upper
117 100
119 4.4 75.6 113.4#
121 0.0 23.7 35.5#



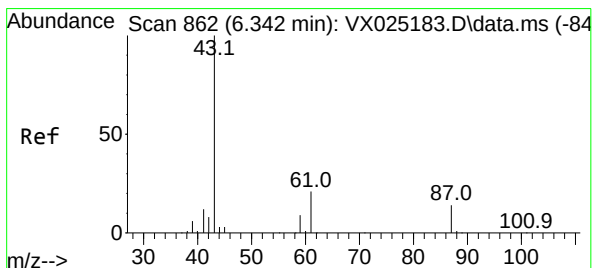
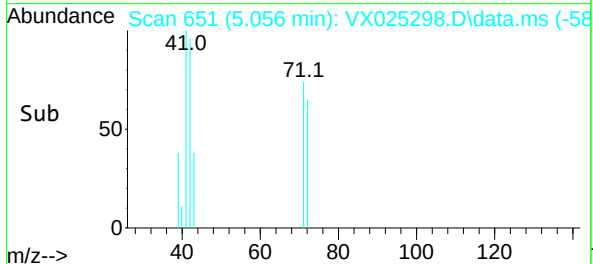
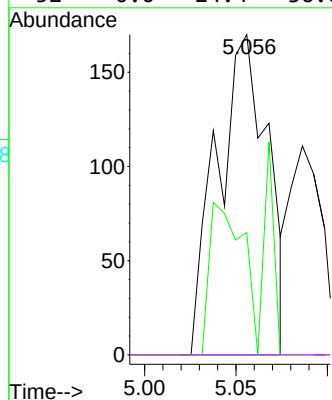


#41
Methacrylonitrile
Concen: 0.353 ug/l
RT: 5.056 min Scan# 61
Delta R.T. 0.128 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Instrument :
MSVOA_X
ClientSampleId :

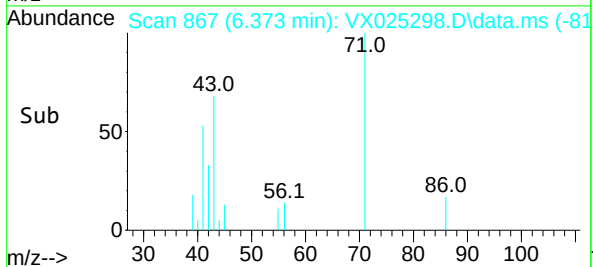
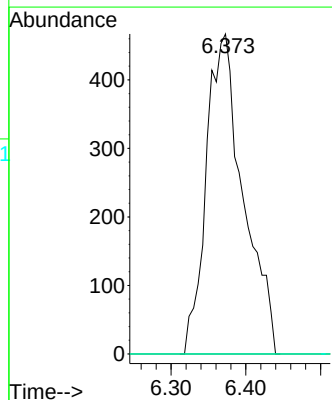
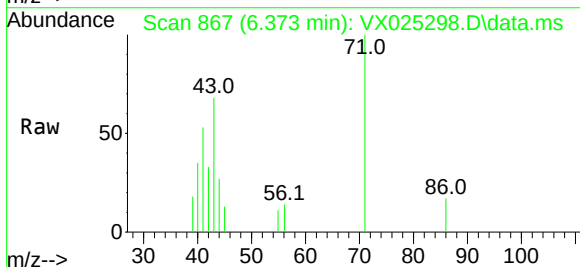


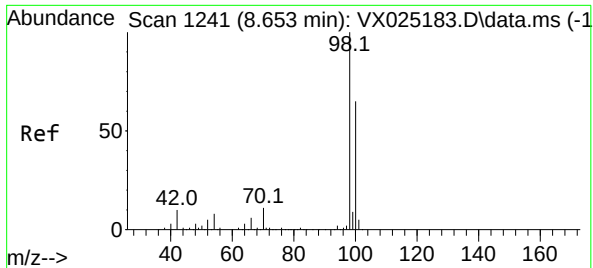
Tgt Ion: 41 Resp: 328
Ion Ratio Lower Upper
41 100
39 31.4 44.6 67.0#
67 0.0 56.7 85.1#
52 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.578 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.031 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.9 16.3#

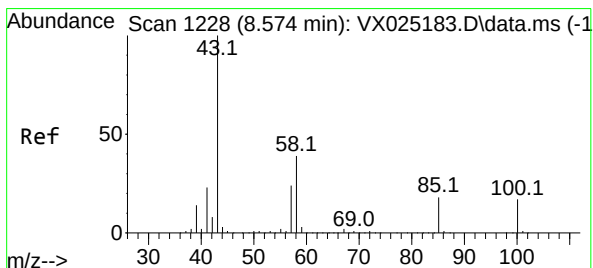
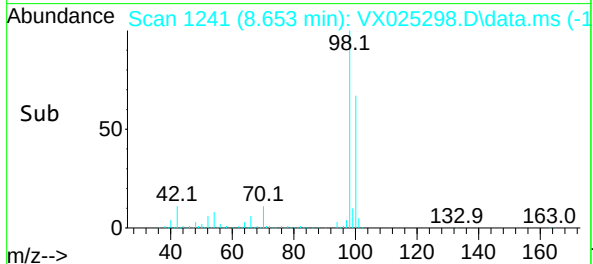
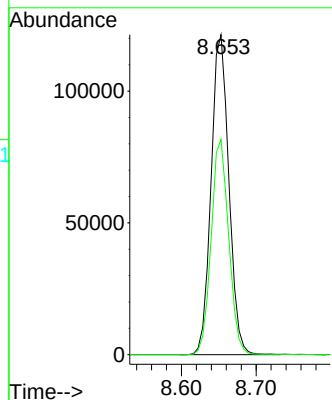
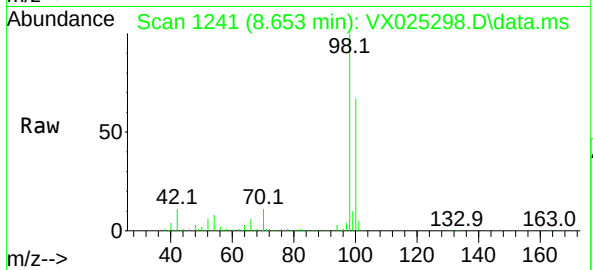




#50
Toluene-d8
Concen: 51.460 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

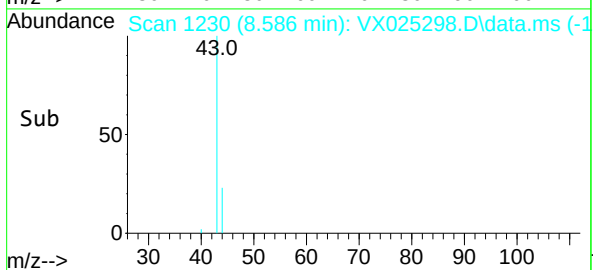
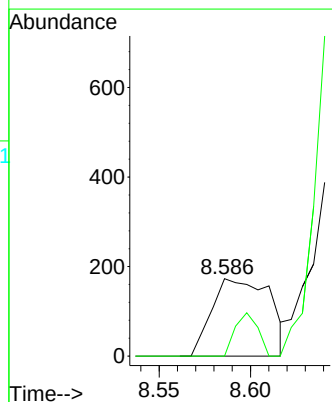
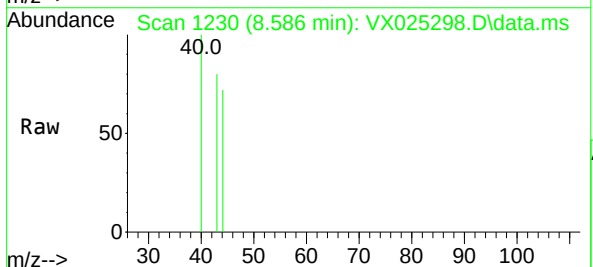
Instrument :
MSVOA_X
ClientSampleId :

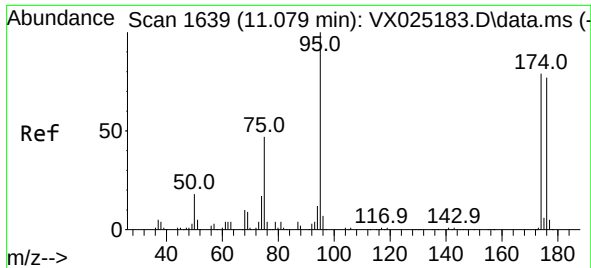
Tgt Ion: 98 Resp: 199950
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.219 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

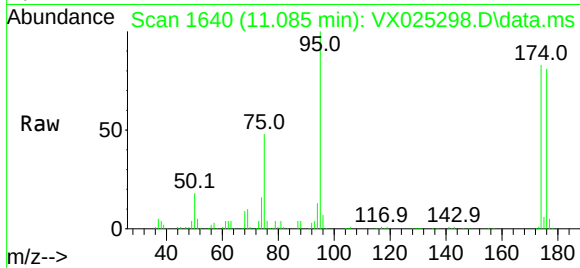
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 21.7 30.9 46.3#



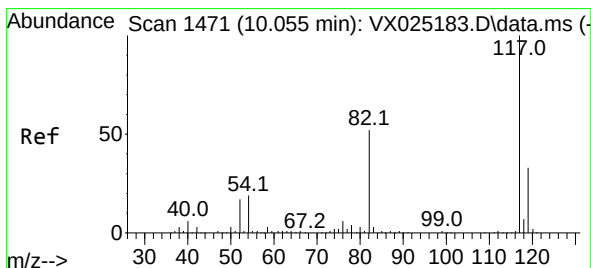
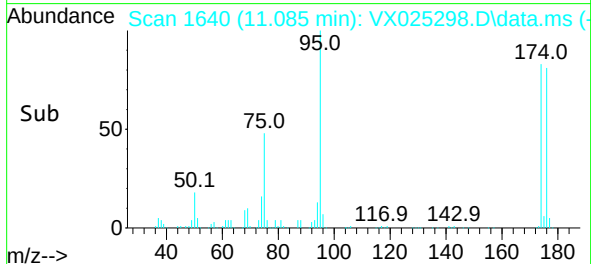
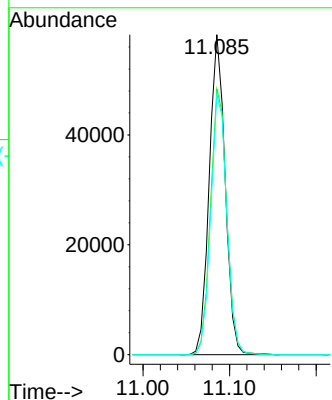


#62
4-Bromofluorobenzene
Concen: 50.443 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Instrument :
MSVOA_X
ClientSampleId :

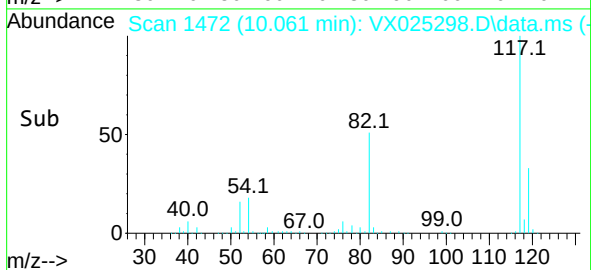
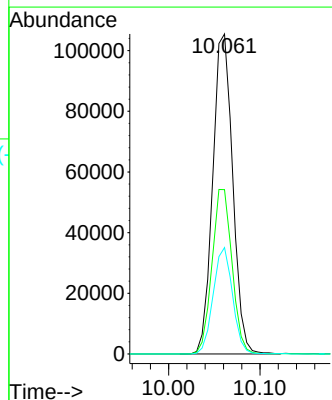
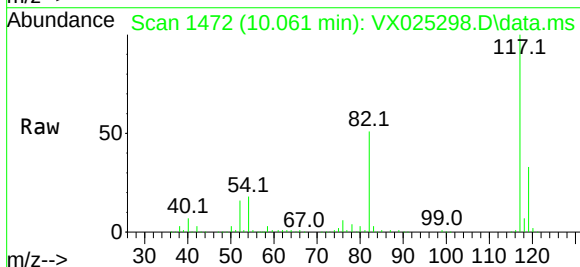


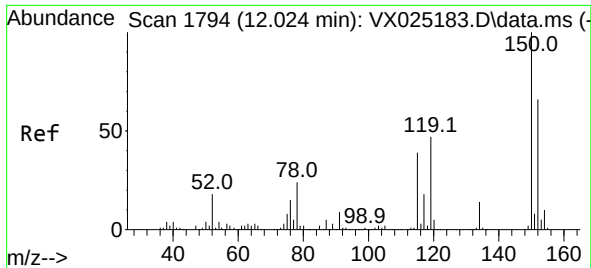
Tgt Ion: 95 Resp: 74148
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.0
176 82.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

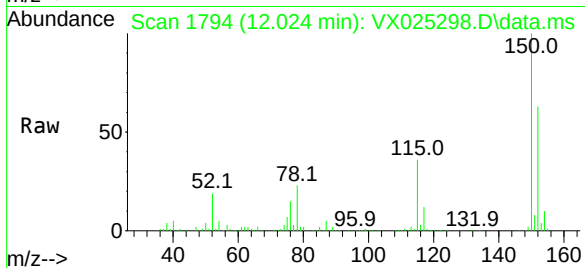
Tgt Ion: 117 Resp: 160055
Ion Ratio Lower Upper
117 100
82 51.4 44.6 67.0
119 33.3 24.8 37.2



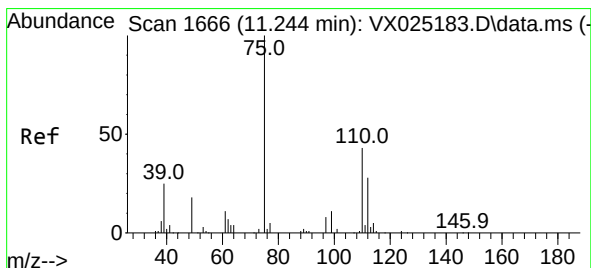
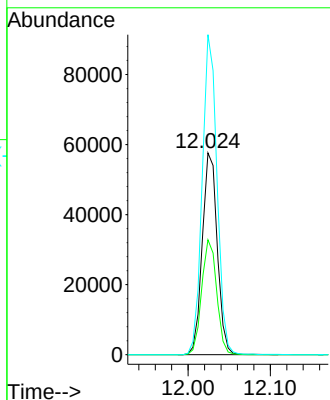
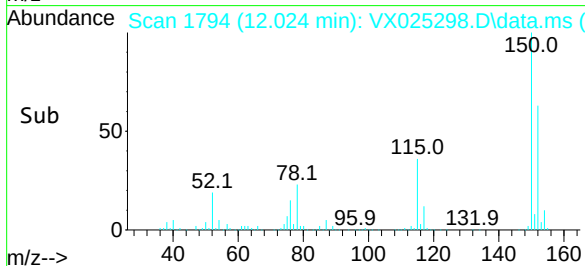


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025298.D
 Acq: 24 Nov 2021 00:48

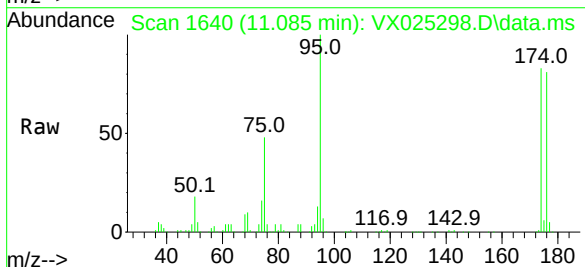
Instrument :
 MSVOA_X
 ClientSampleId :



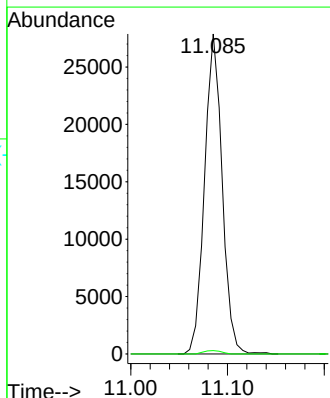
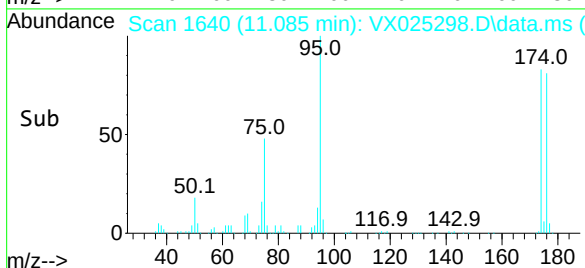
Tgt Ion:152 Resp: 73071
 Ion Ratio Lower Upper
 152 100
 115 56.8 43.3 129.8
 150 155.9 0.0 351.2

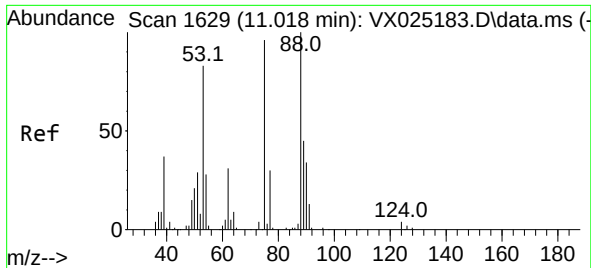


#76
 1,2,3-Trichloropropane
 Concen: 23.626 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025298.D
 Acq: 24 Nov 2021 00:48



Tgt Ion: 75 Resp: 35352
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

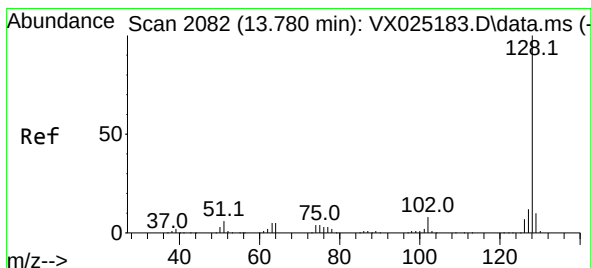
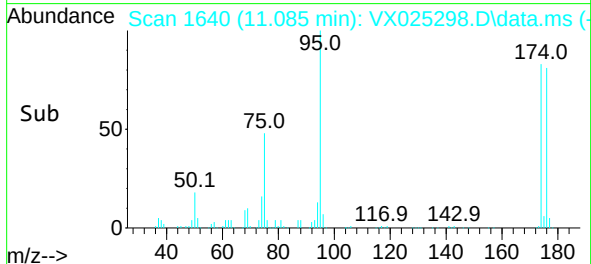
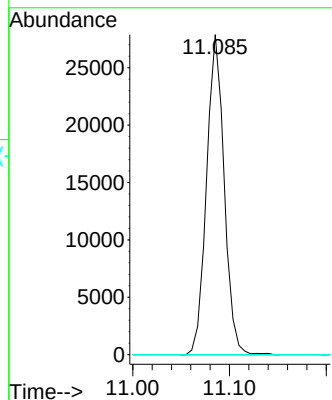
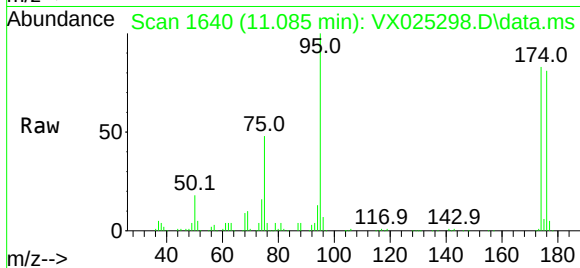




#81
trans-1,4-Dichloro-2-butene
Concen: 59.517 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35352
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# 2081
Delta R.T. -0.006 min
Lab File: VX025298.D
Acq: 24 Nov 2021 00:48

Tgt Ion:128 Resp: 243
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

