

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025389.D
 Acq On : 30 Nov 2021 10:56
 Operator : JC/MD
 Sample : VX1130WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 01 02:19:12 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)

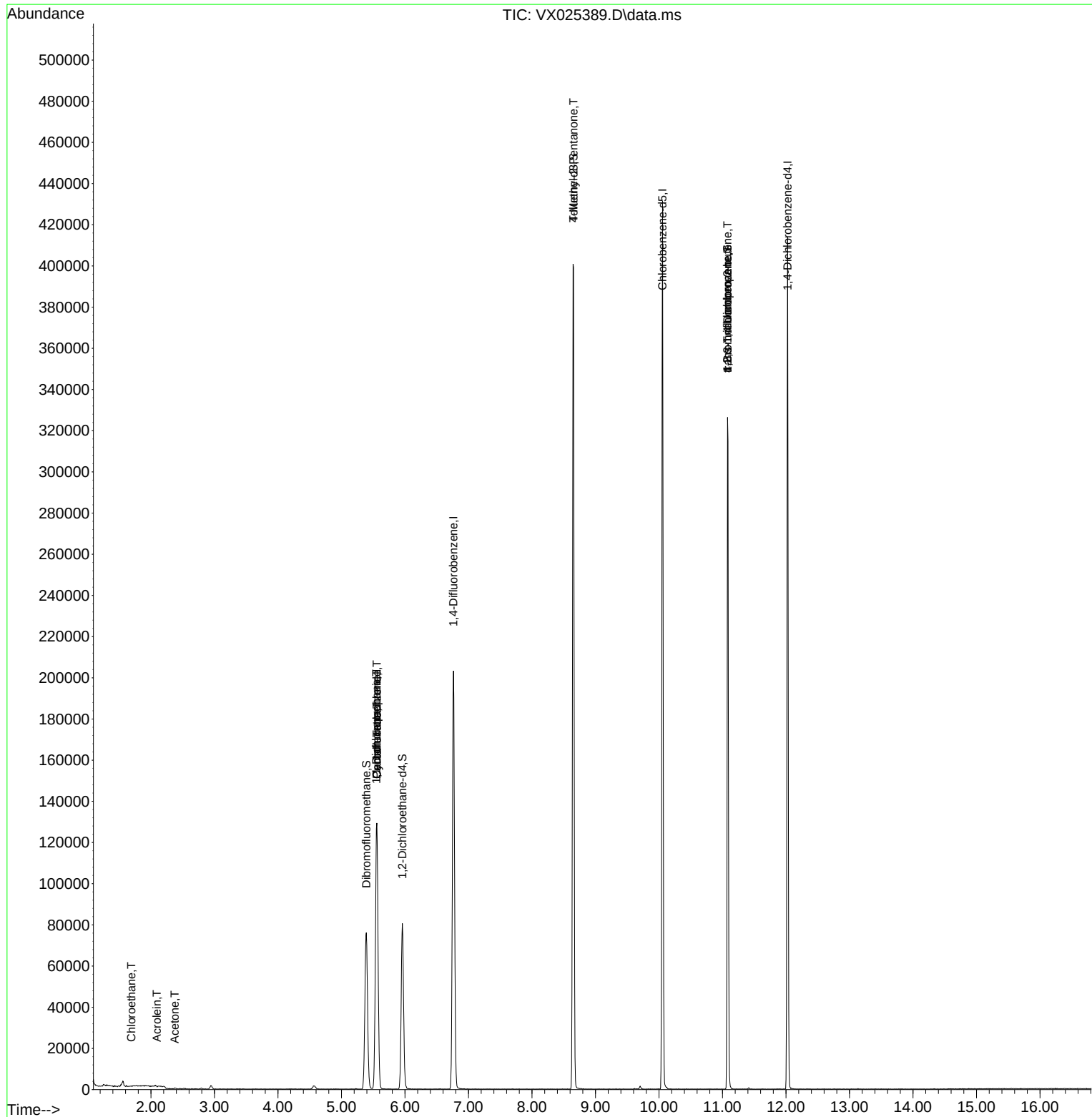
Internal Standards						
1) Pentafluorobenzene	5.556	168	134262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74804	52.857	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.720%			
35) Dibromofluoromethane	5.391	113	66898	49.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	8.653	98	252219	49.703	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.079	95	90414	47.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.200%			
Target Compounds			Qvalue			
6) Chloroethane	1.691	64	424	0.388	ug/l #	43
11) Tert butyl alcohol	2.941	59	1087	Below Cal	#	72
13) Acrolein	2.093	56	20	0.308	ug/l #	9
16) Acetone	2.374	43	494	0.628	ug/l	91
31) Cyclohexane	5.556	56	2489	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8743	4.556	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12564	5.944	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1080	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43189	23.470	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43189	59.126	ug/l #	9
95) Naphthalene	13.780	128	88	Below Cal	#	69

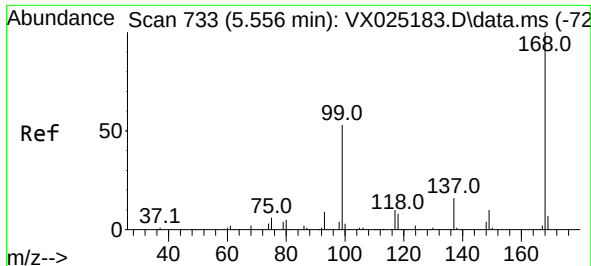
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

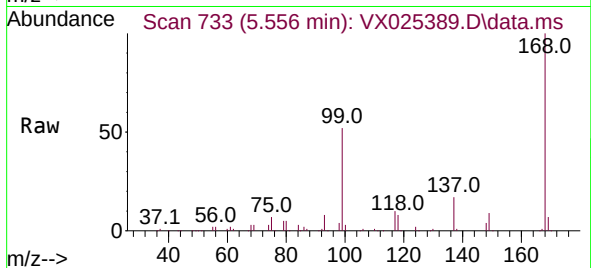
Quant Time: Dec 01 02:19:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



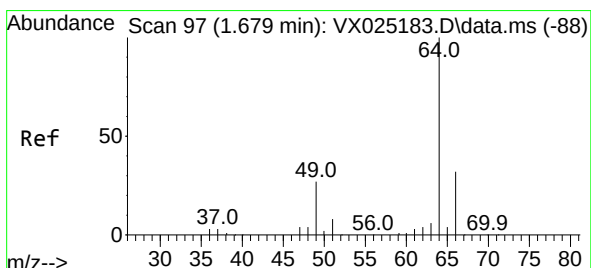
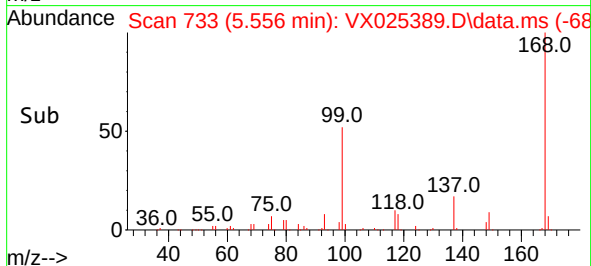
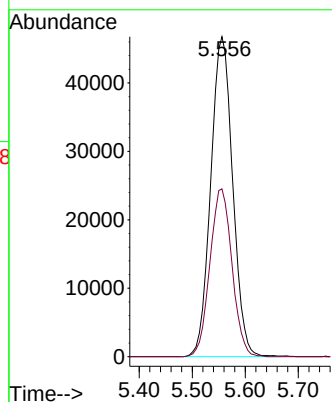


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Instrument :
MSVOA_X
ClientSampleId :

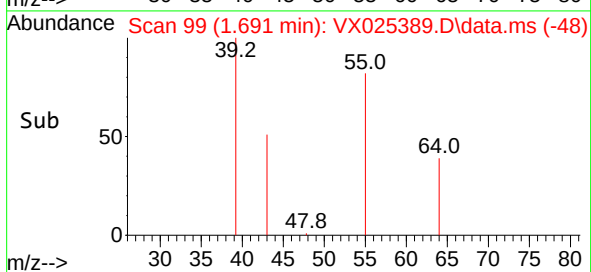
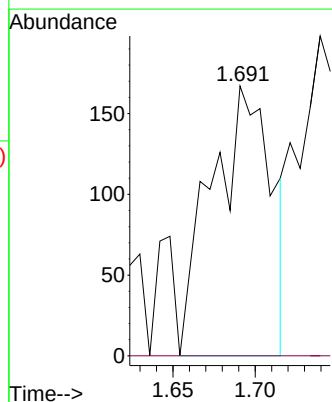
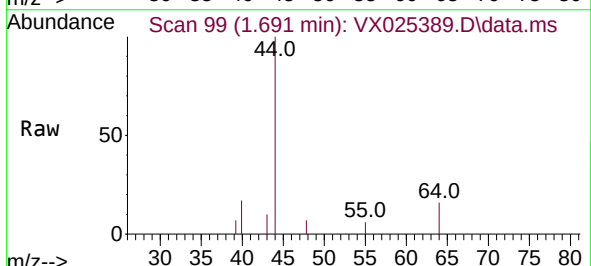


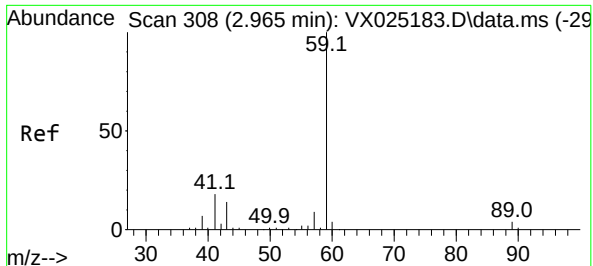
Tgt Ion:168 Resp: 134262
Ion Ratio Lower Upper
168 100
99 52.4 46.4 69.6



#6
Chloroethane
Concen: 0.388 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Tgt Ion: 64 Resp: 424
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX025389.D

Acq: 30 Nov 2021 10:56

Instrument :

MSVOA_X

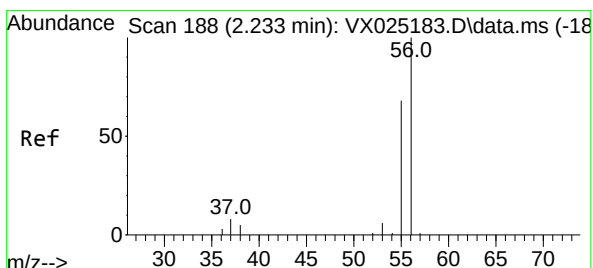
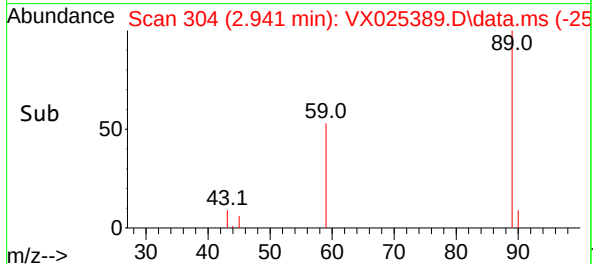
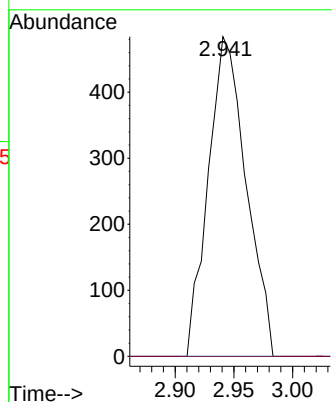
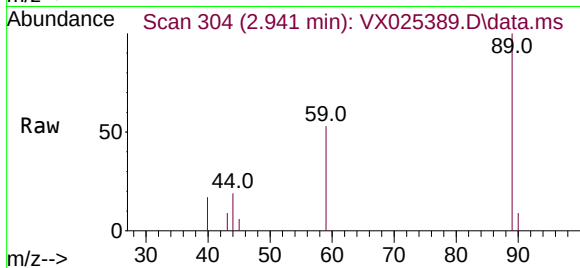
ClientSampleId :

Tgt Ion: 59 Resp: 1087

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 0.308 ug/l

RT: 2.093 min Scan# 165

Delta R.T. -0.140 min

Lab File: VX025389.D

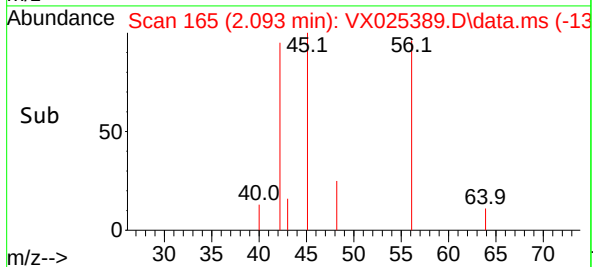
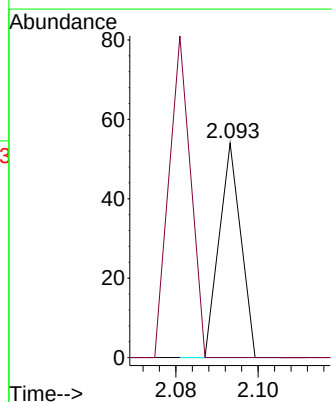
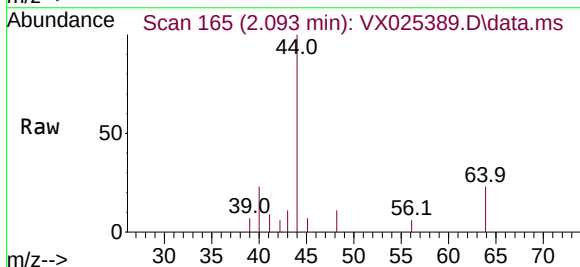
Acq: 30 Nov 2021 10:56

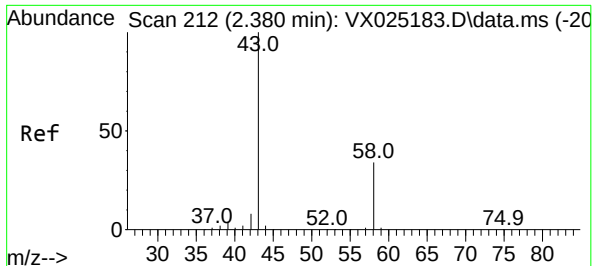
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 150.0 58.6 87.8#

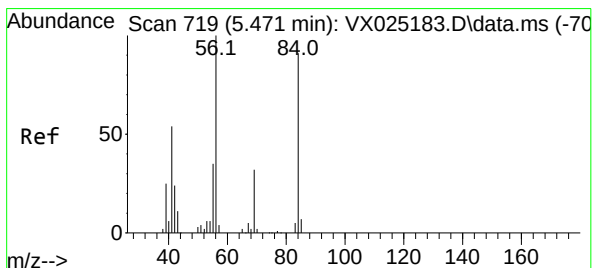
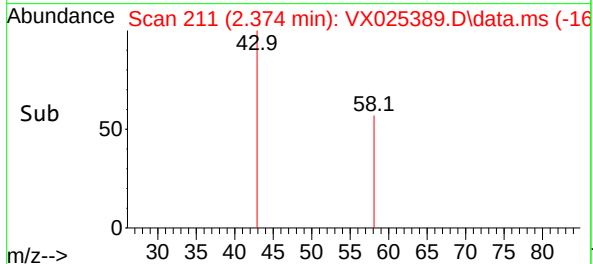
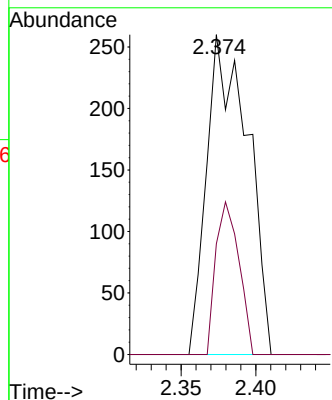
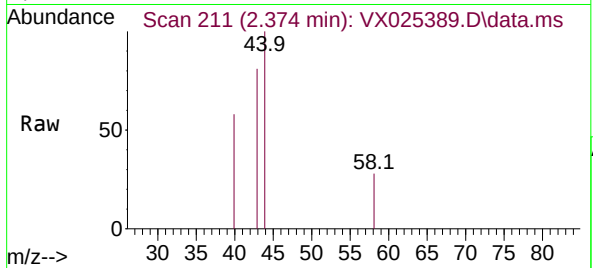




#16
Acetone
Concen: 0.628 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

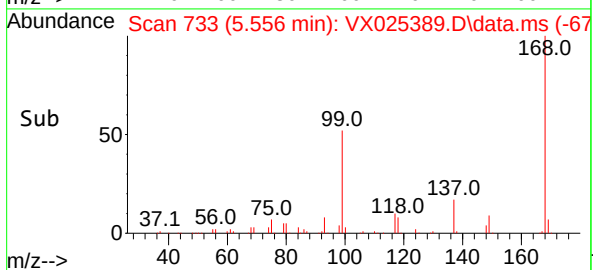
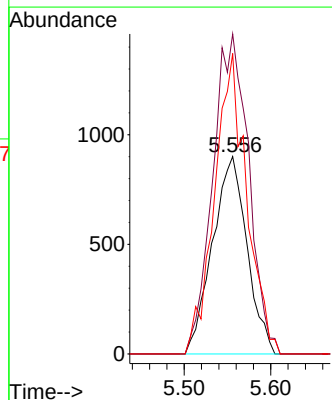
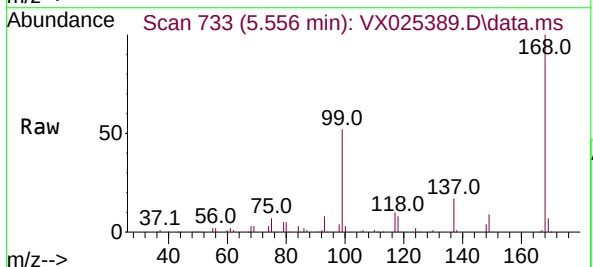
Instrument :
MSVOA_X
ClientSampleId :

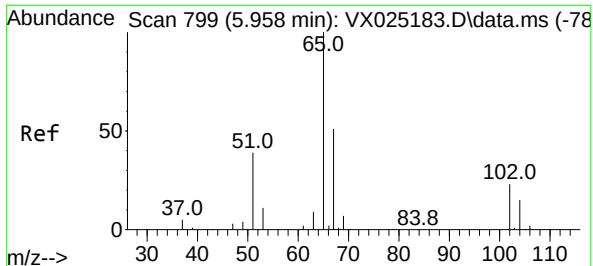
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
58 34.6 24.0 36.0



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Tgt Ion: 56 Resp: 2489
Ion Ratio Lower Upper
56 100
69 162.0 24.2 36.2#
84 158.9 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 52.857 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025389.D

Acq: 30 Nov 2021 10:56

Instrument :

MSVOA_X

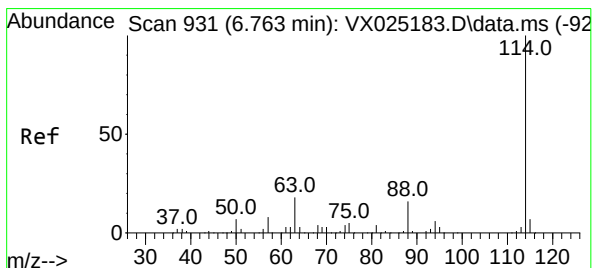
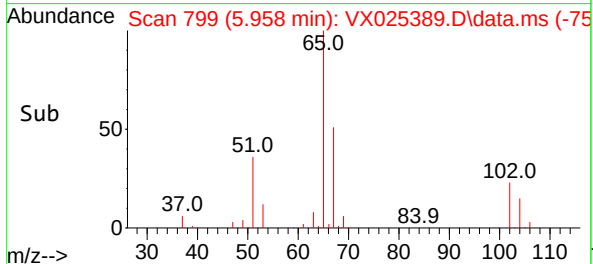
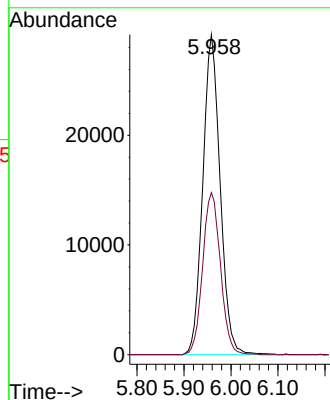
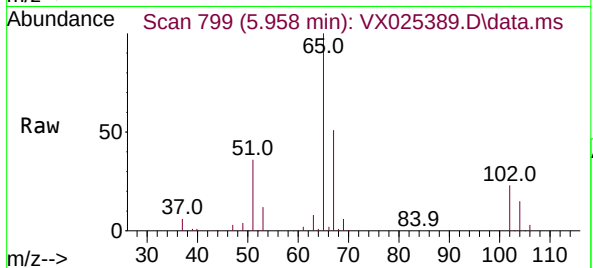
ClientSampleId :

Tgt Ion: 65 Resp: 74804

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025389.D

Acq: 30 Nov 2021 10:56

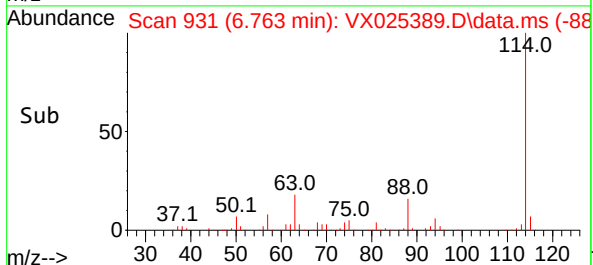
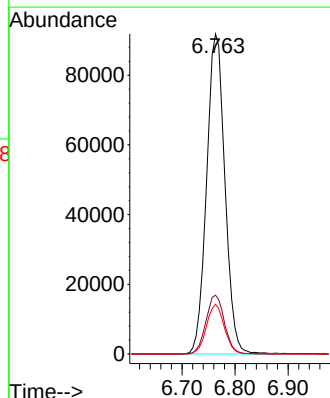
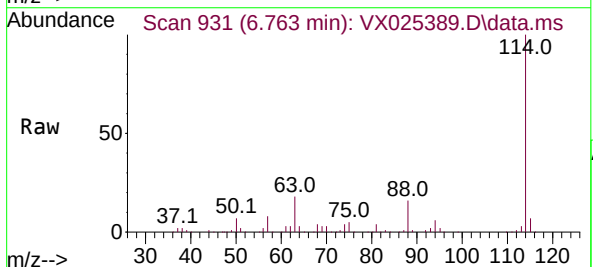
Tgt Ion: 114 Resp: 219970

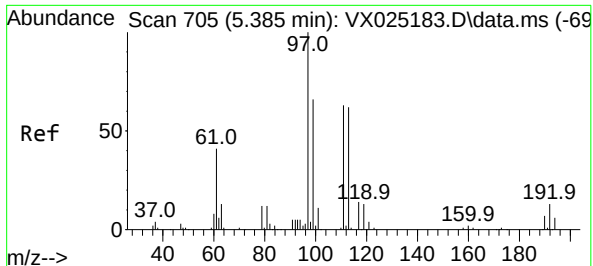
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

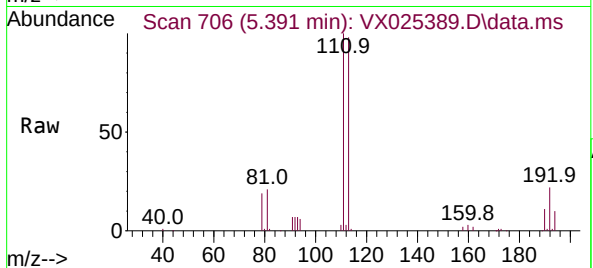
Lab File: VX025389.D

Acq: 30 Nov 2021 10:56

Instrument :

MSVOA_X

ClientSampleId :



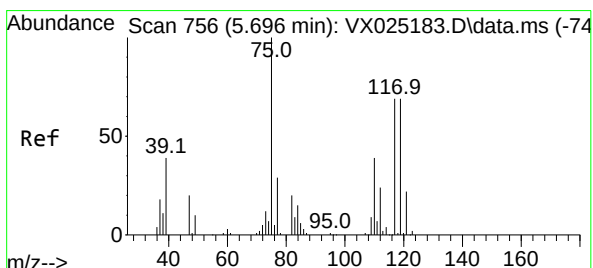
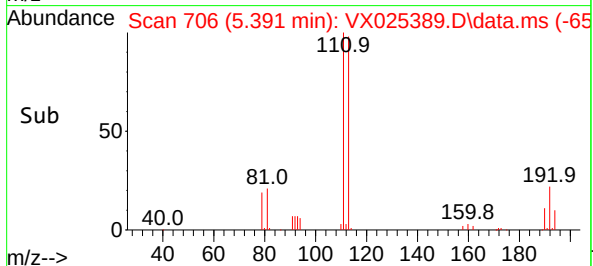
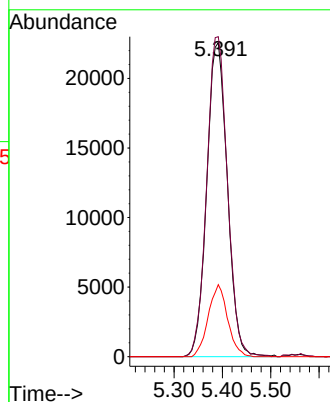
Tgt Ion:113 Resp: 66898

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 21.5 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.556 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025389.D

Acq: 30 Nov 2021 10:56

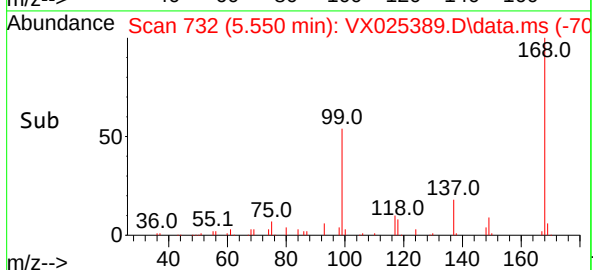
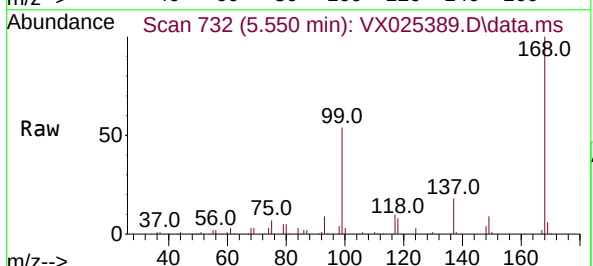
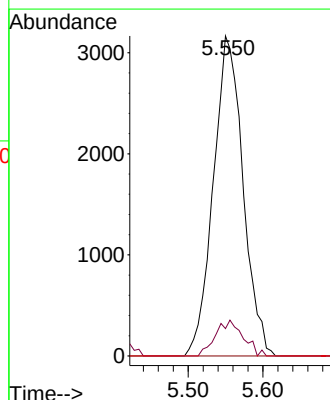
Tgt Ion: 75 Resp: 8743

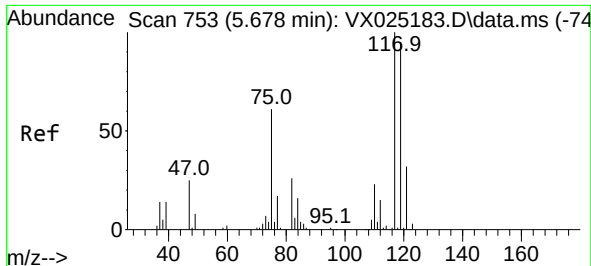
Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.3#

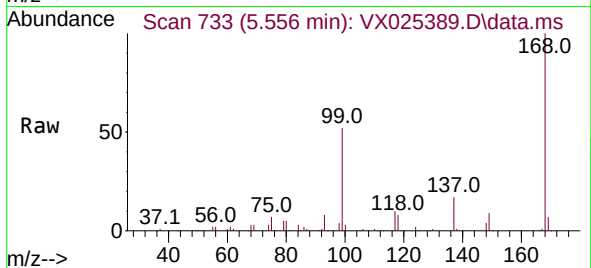
77 0.0 24.4 36.6#



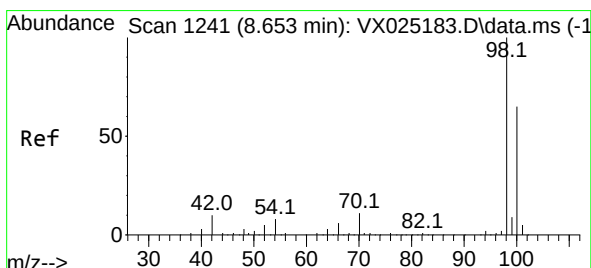
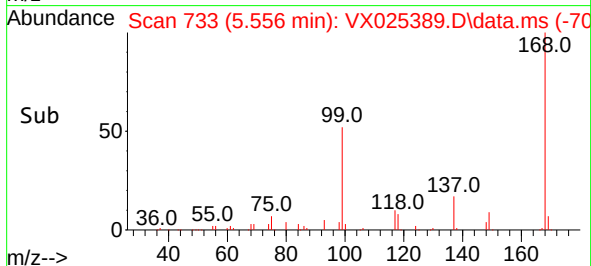
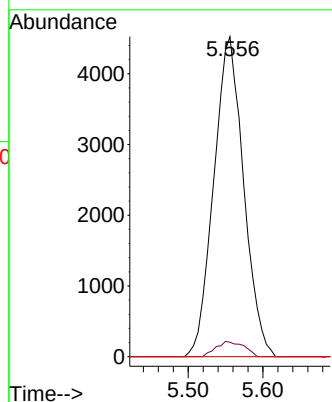


#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Instrument :
MSVOA_X
ClientSampleId :

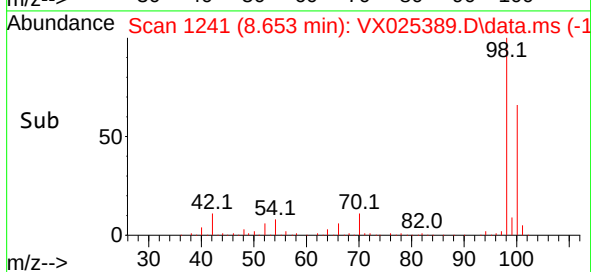
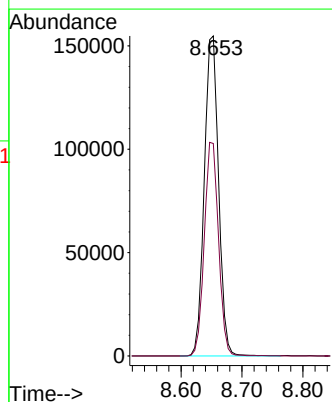
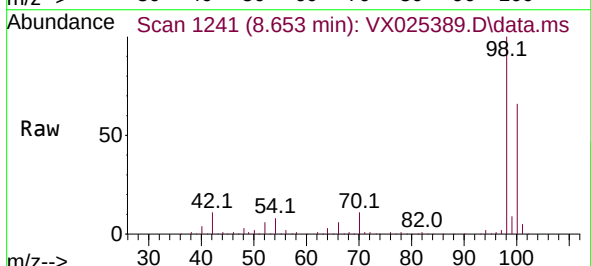


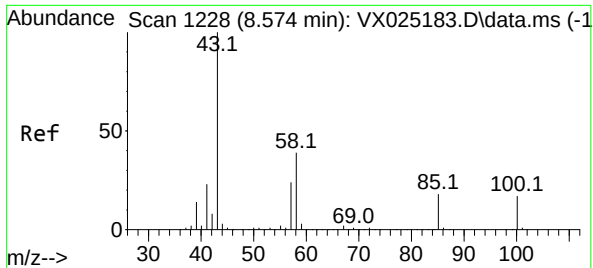
Tgt Ion:117 Resp: 12564
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.703 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Tgt Ion: 98 Resp: 252219
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

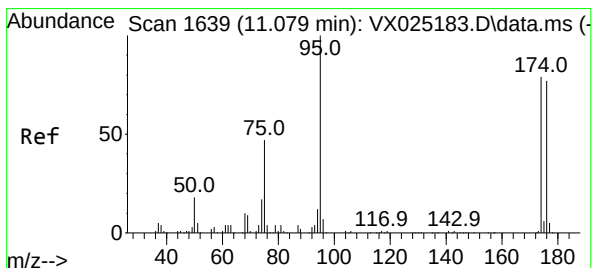
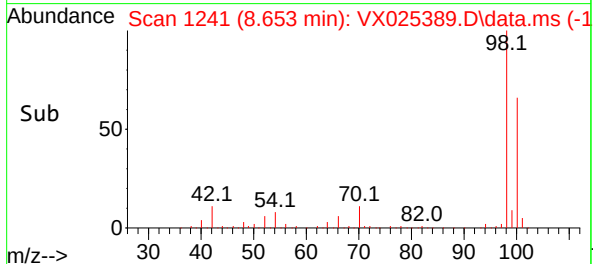
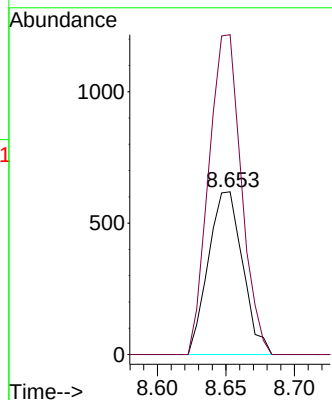
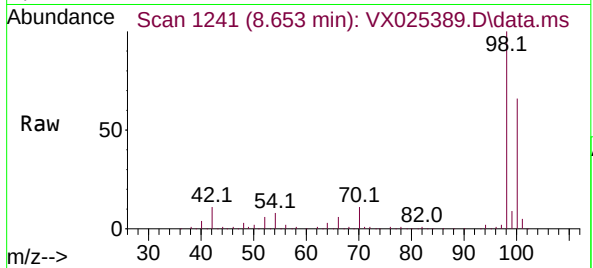




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

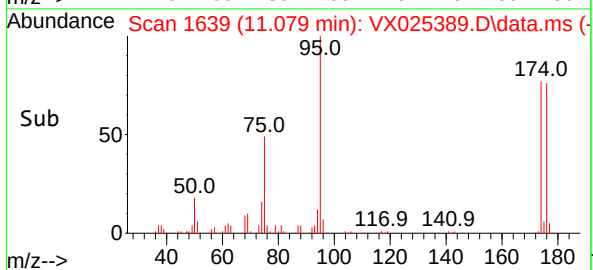
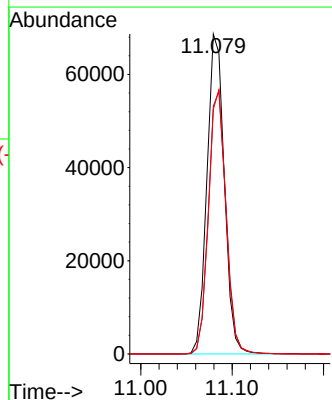
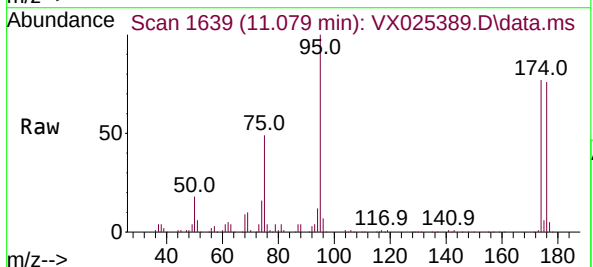
Instrument :
MSVOA_X
ClientSampleId :

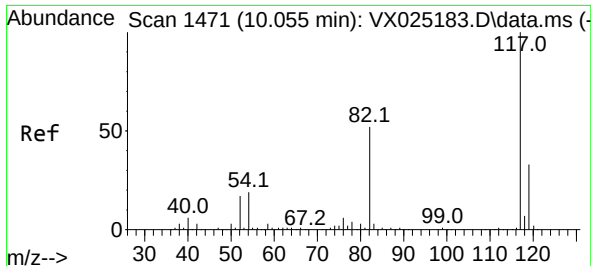
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 186.3 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 47.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Tgt Ion: 95 Resp: 90414
Ion Ratio Lower Upper
95 100
174 83.6 0.0 158.0
176 82.6 0.0 153.6

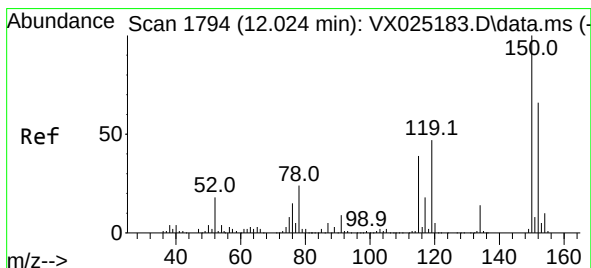
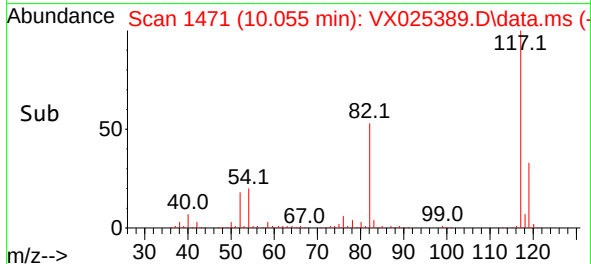
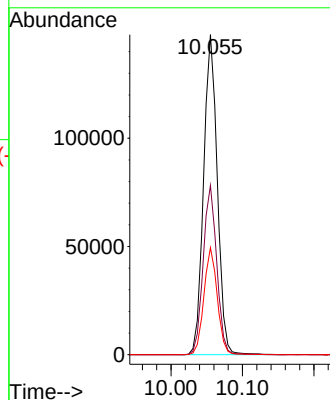
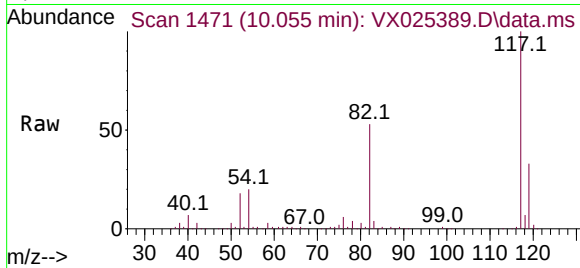




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

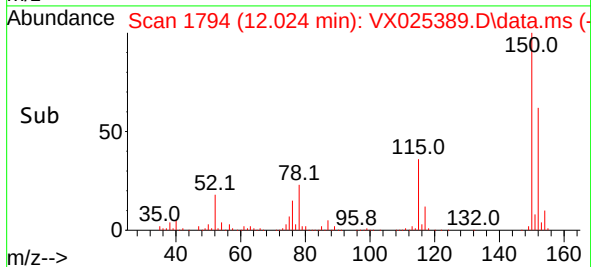
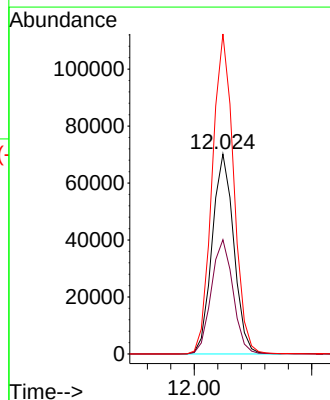
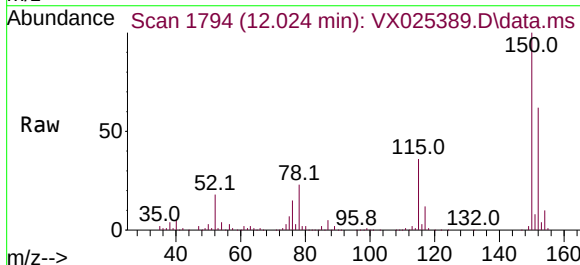
Instrument :
MSVOA_X
ClientSampleId :

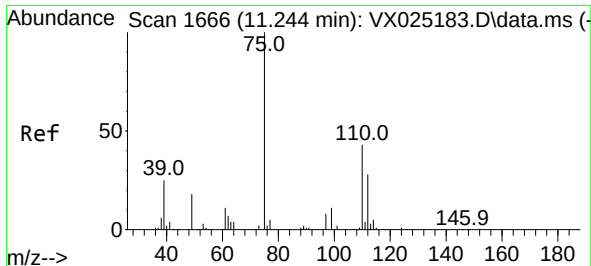
Tgt Ion:117 Resp: 196893
Ion Ratio Lower Upper
117 100
82 52.9 44.6 67.0
119 33.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Tgt Ion:152 Resp: 89860
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.8
150 159.0 0.0 351.2

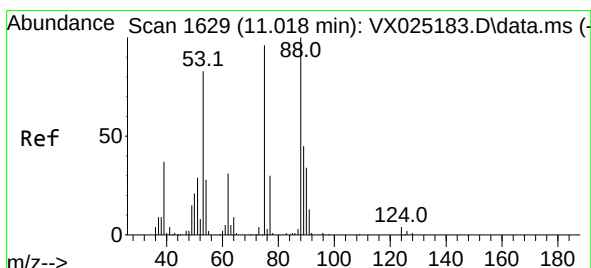
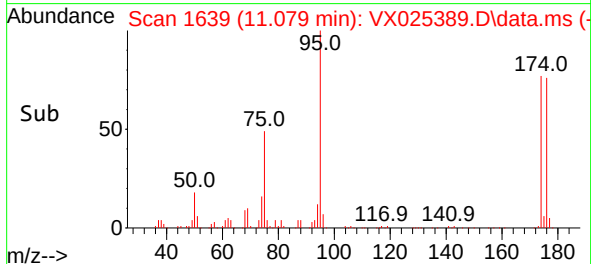
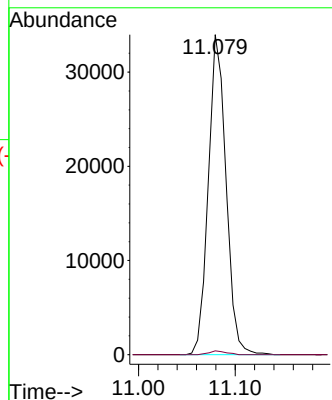
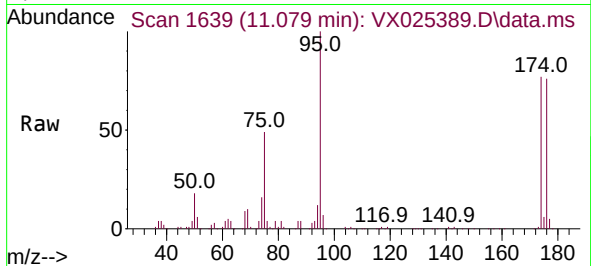




#76
1,2,3-Trichloropropane
Concen: 23.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

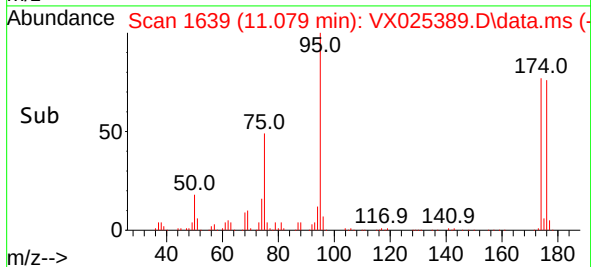
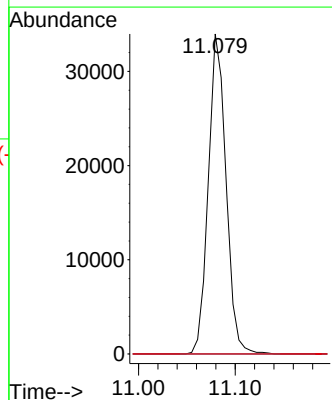
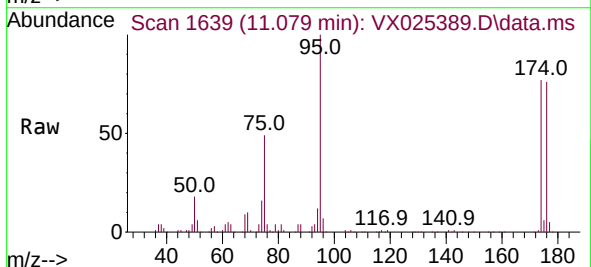
Instrument :
MSVOA_X
ClientSampleId :

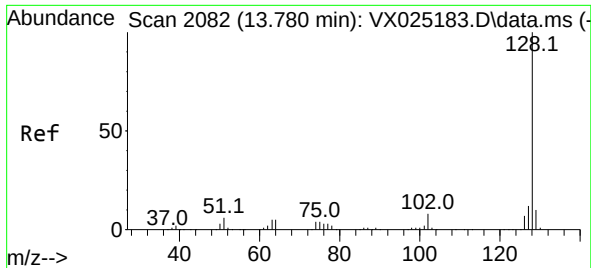
Tgt Ion: 75 Resp: 43189
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

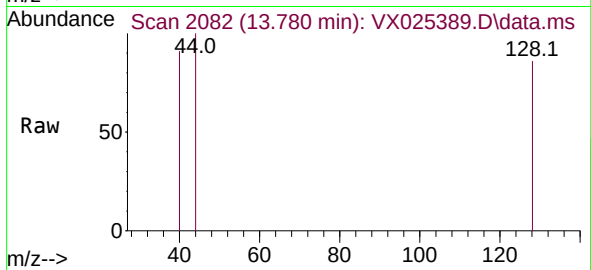
Tgt Ion: 75 Resp: 43189
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025389.D
Acq: 30 Nov 2021 10:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 88
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

