

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025431.D
 Acq On : 02 Dec 2021 16:19
 Operator : JC/MD
 Sample : M4917-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:08:20 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)

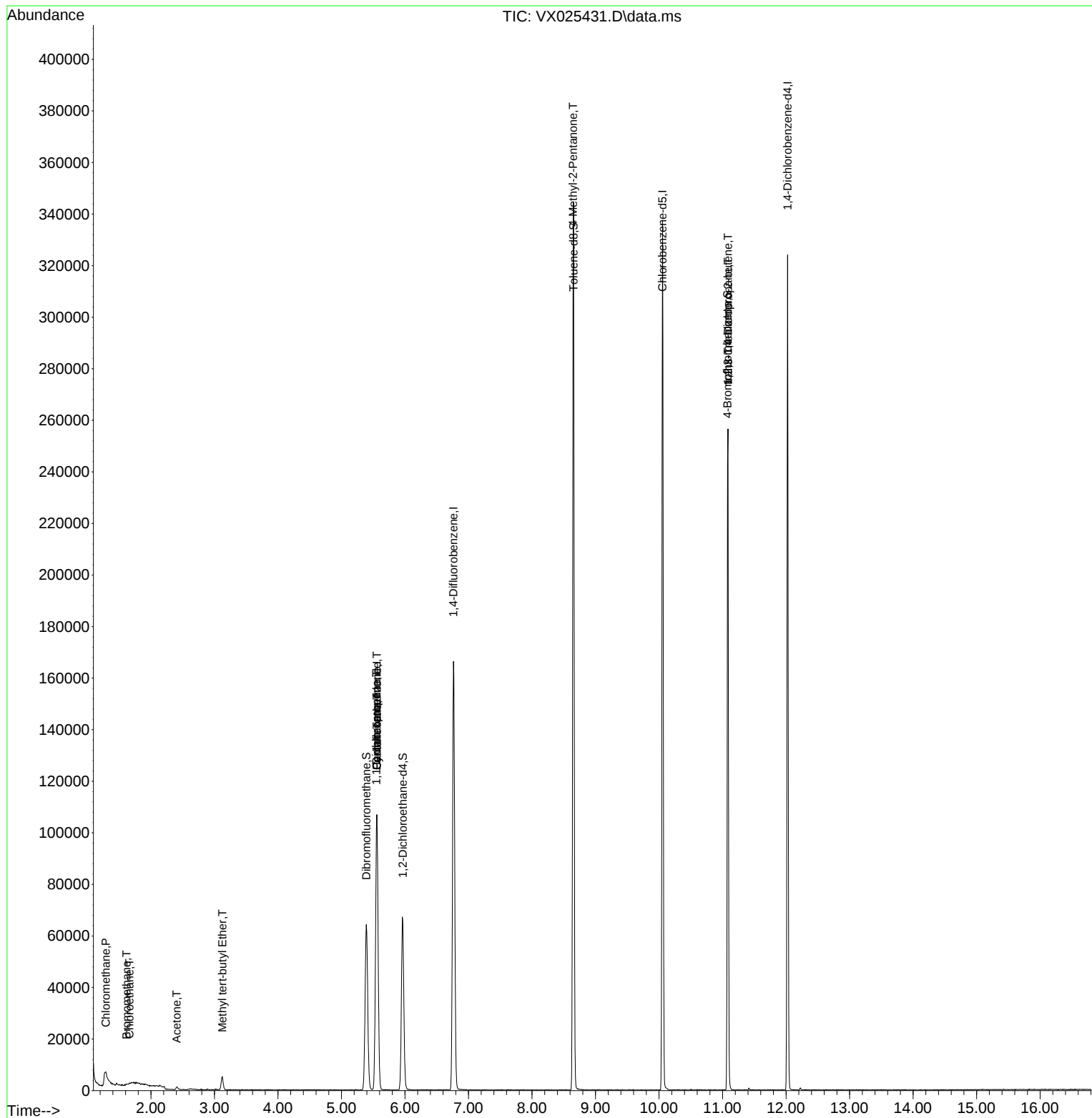
Internal Standards						
1) Pentafluorobenzene	5.556	168	107195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61928	54.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.620%	
35) Dibromofluoromethane	5.391	113	55610	50.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.653	98	206960	50.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	11.079	95	69936	44.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	473	0.411	ug/l #	42
5) Bromomethane	1.618	94	157	0.289	ug/l #	72
6) Chloroethane	1.660	64	2280	2.616	ug/l #	43
11) Tert butyl alcohol	3.020	59	343	Below Cal	#	72
16) Acetone	2.404	43	1807	2.878	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	5840	1.687	ug/l	96
31) Cyclohexane	5.556	56	1976	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7396	4.730	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10286	5.972	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	887	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	33975	24.288	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	33975	61.185	ug/l #	9
95) Naphthalene	13.780	128	22	Below Cal	#	69

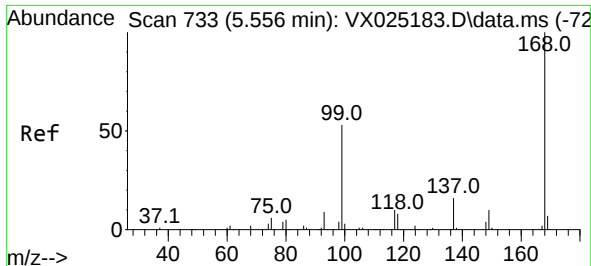
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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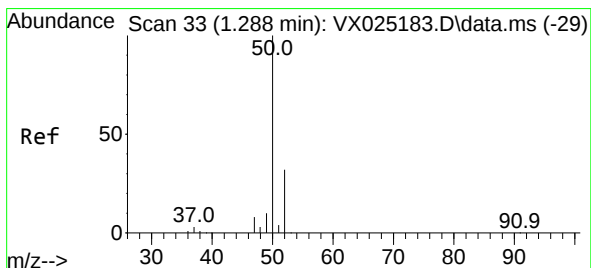
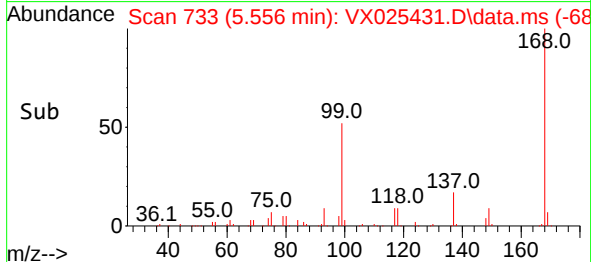
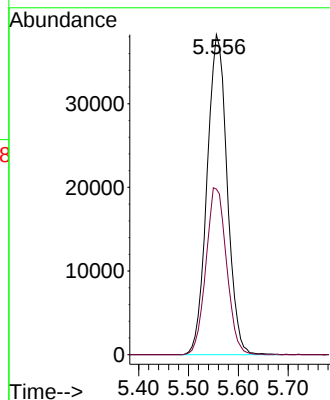
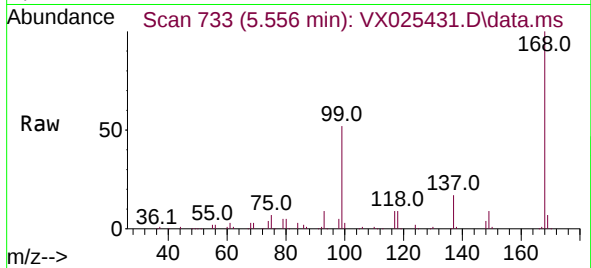




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

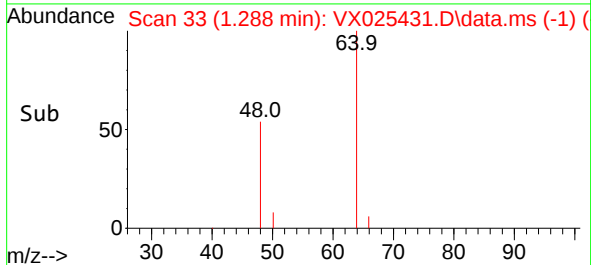
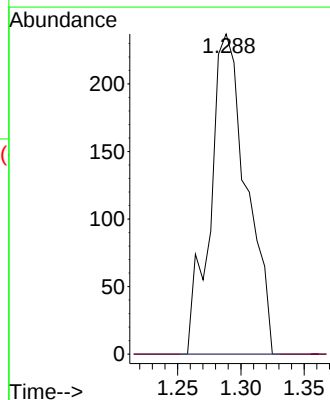
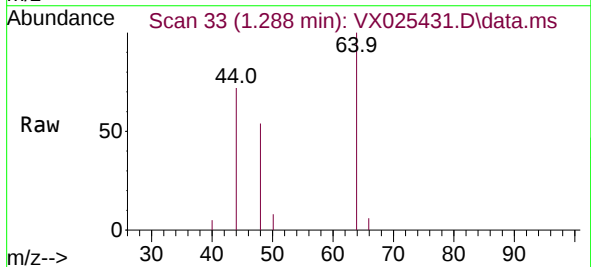
Instrument :
MSVOA_X
ClientSampleId :

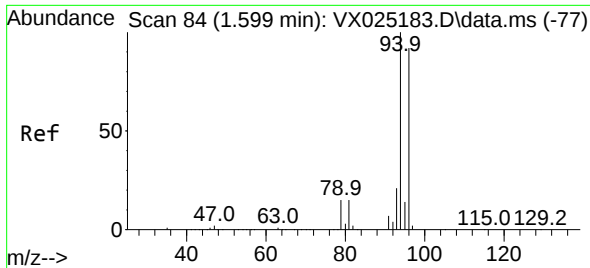
Tgt Ion:168 Resp: 107195
Ion Ratio Lower Upper
168 100
99 51.8 46.4 69.6



#3
Chloromethane
Concen: 0.411 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

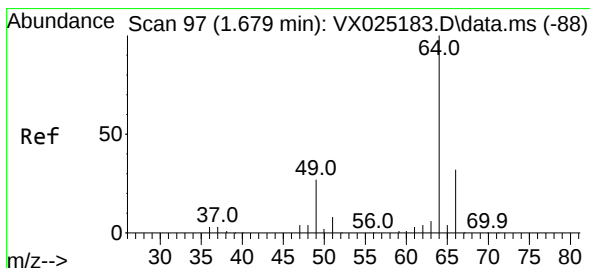
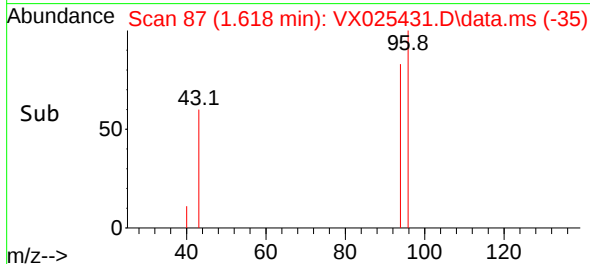
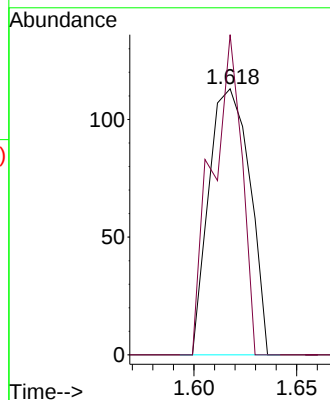
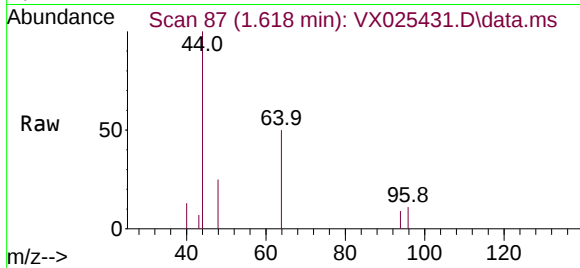




#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

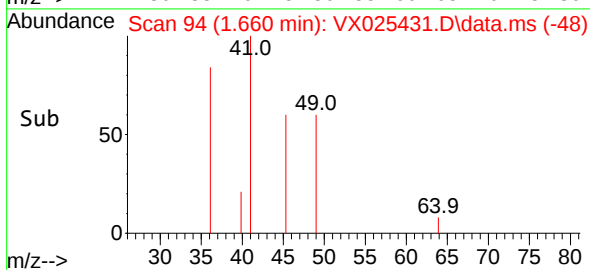
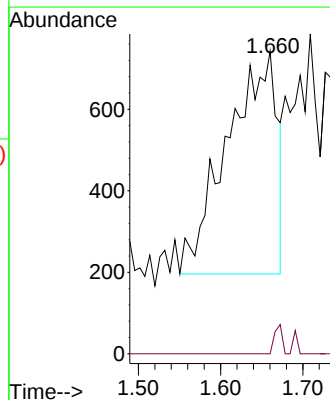
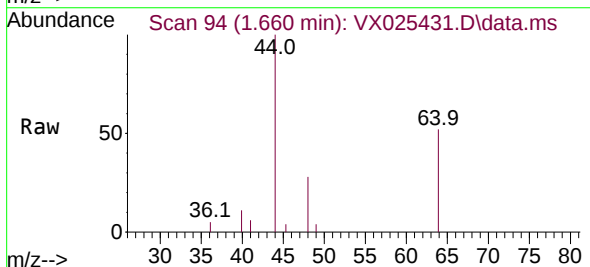
Instrument :
MSVOA_X
ClientSampleId :

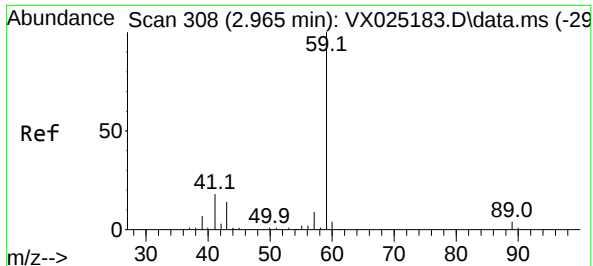
Tgt Ion: 94 Resp: 157
Ion Ratio Lower Upper
94 100
96 120.4 74.8 112.2#



#6
Chloroethane
Concen: 2.616 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 64 Resp: 2280
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

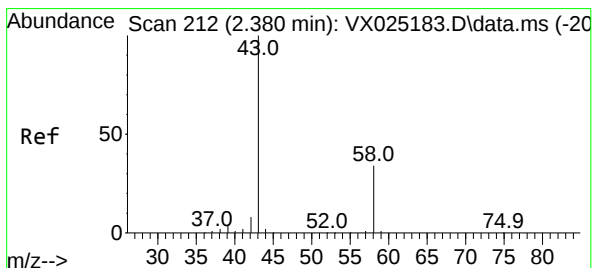
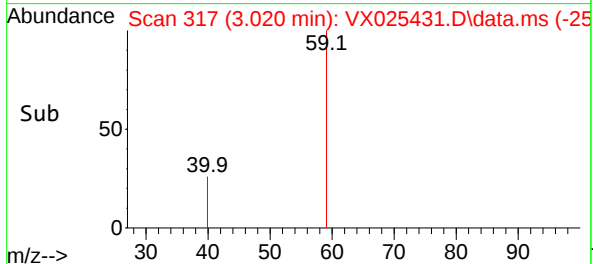
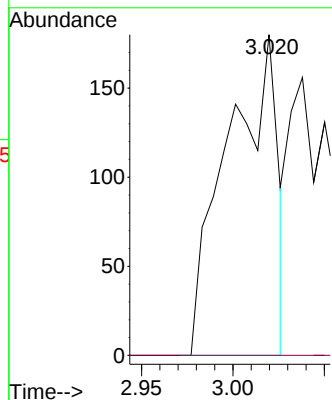
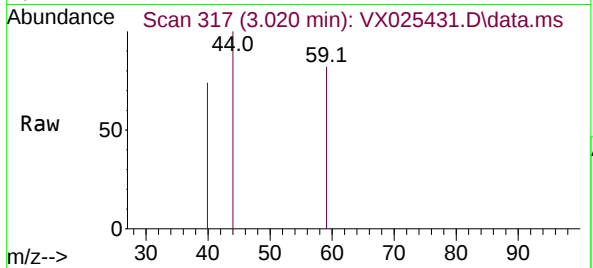




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.020 min Scan# 31
Delta R.T. 0.055 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

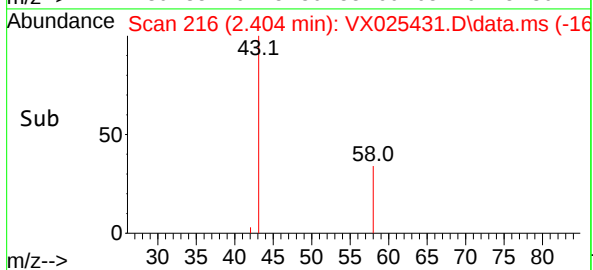
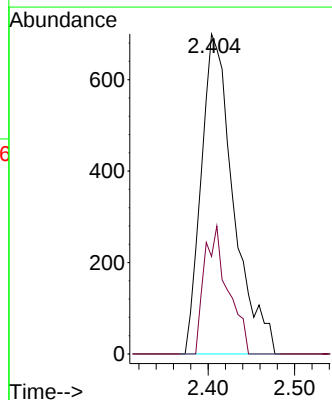
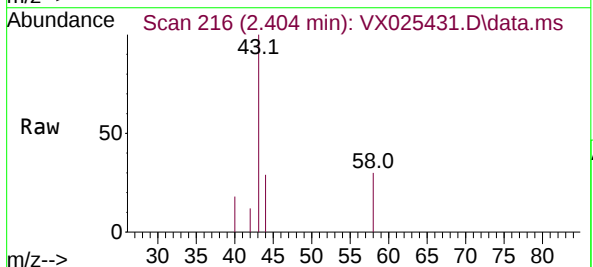
Instrument :
MSVOA_X
ClientSampleId :

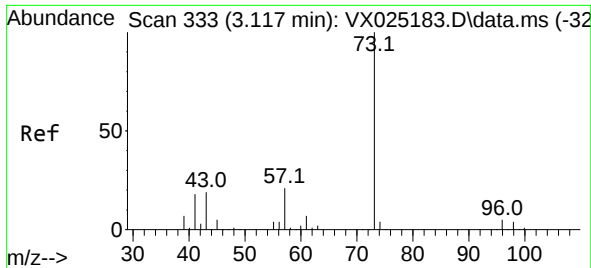
Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 2.878 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 43 Resp: 1807
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0

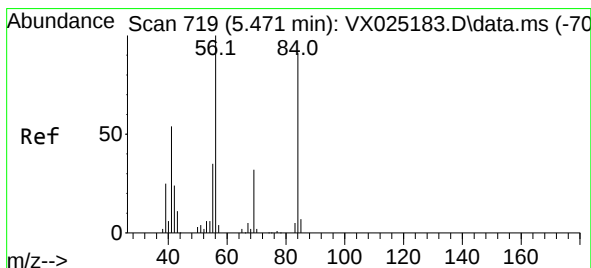
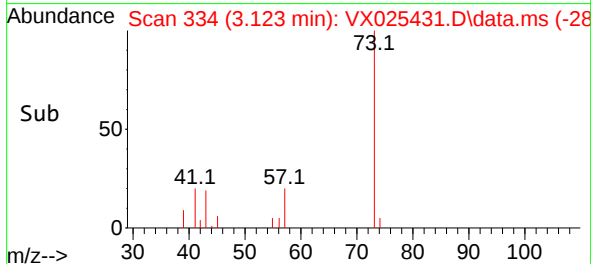
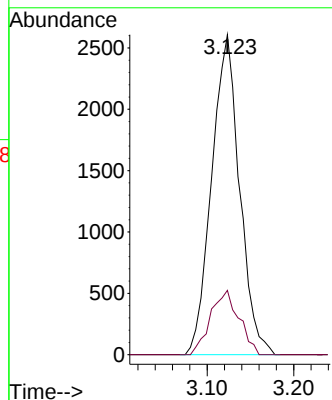
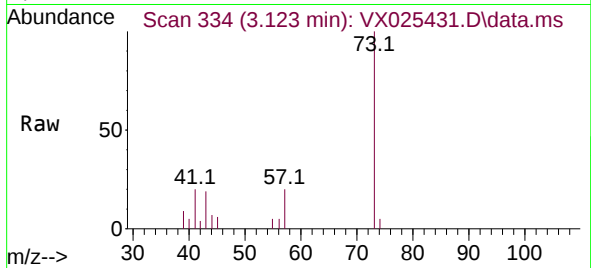




#19
Methyl tert-butyl Ether
Concen: 1.687 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

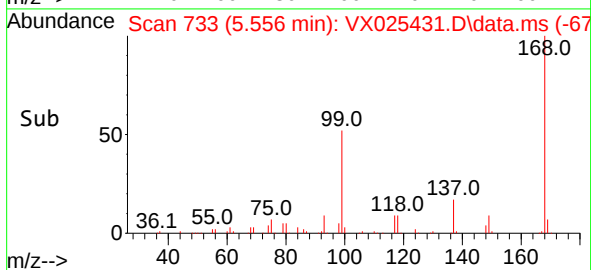
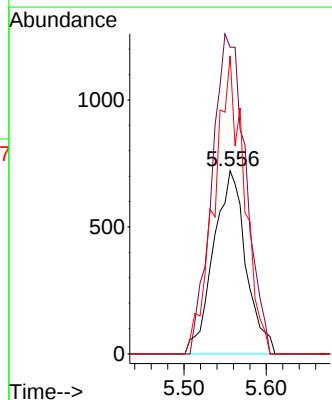
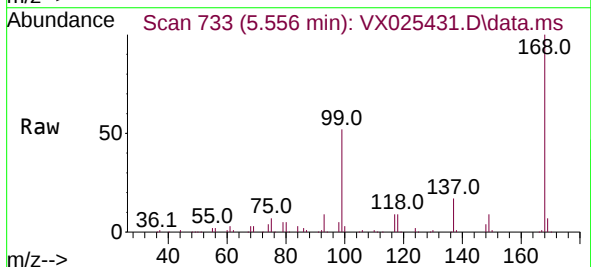
Instrument :
MSVOA_X
ClientSampleId :

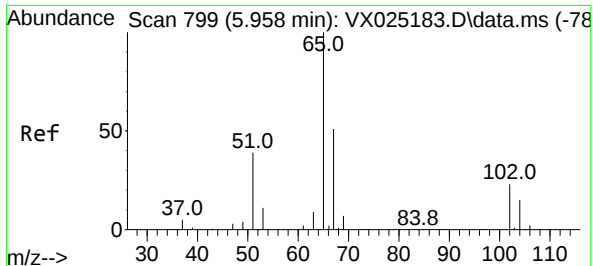
Tgt Ion: 73 Resp: 5840
Ion Ratio Lower Upper
73 100
57 20.1 17.5 26.3



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 56 Resp: 1976
Ion Ratio Lower Upper
56 100
69 167.5 24.2 36.2#
84 162.8 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 54.808 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025431.D

Acq: 02 Dec 2021 16:19

Instrument :

MSVOA_X

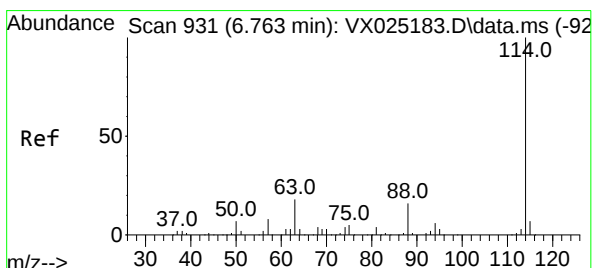
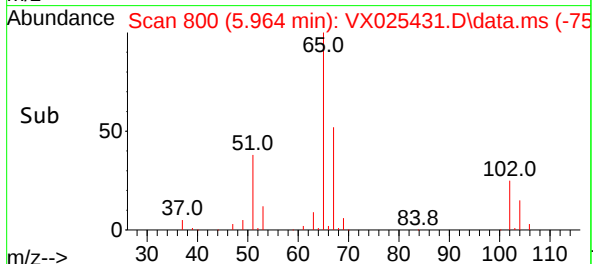
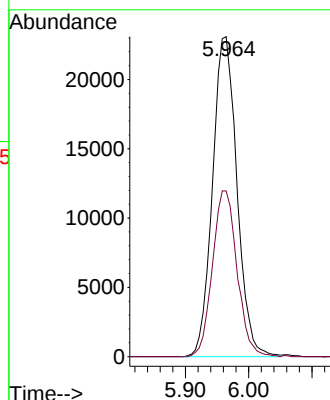
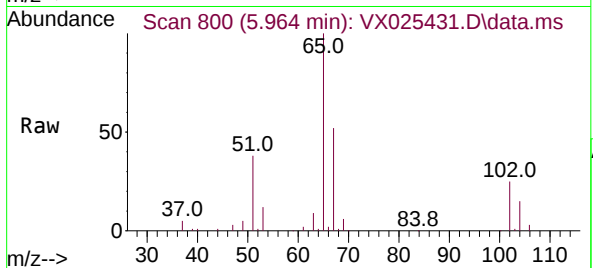
ClientSampleId :

Tgt Ion: 65 Resp: 61928

Ion Ratio Lower Upper

65 100

67 52.1 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: VX025431.D

Acq: 02 Dec 2021 16:19

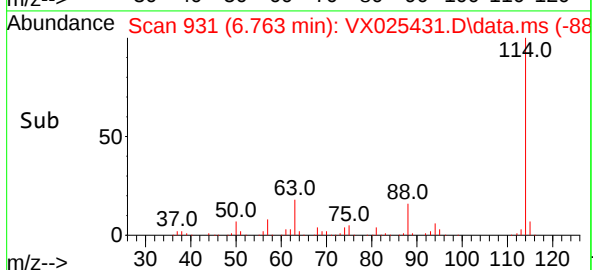
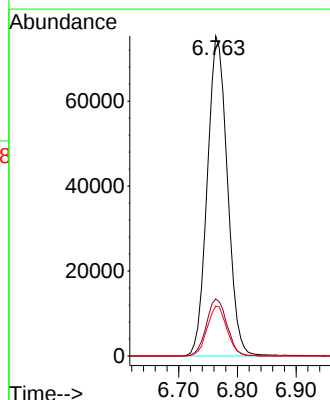
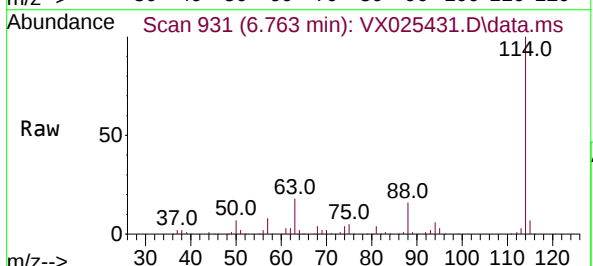
Tgt Ion: 114 Resp: 179224

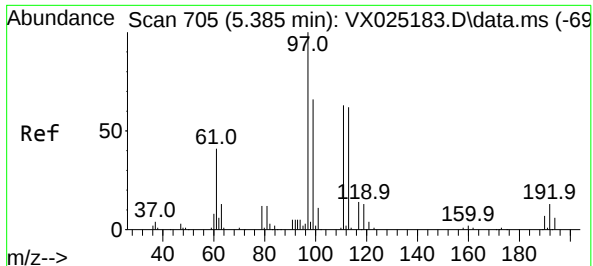
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.570 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

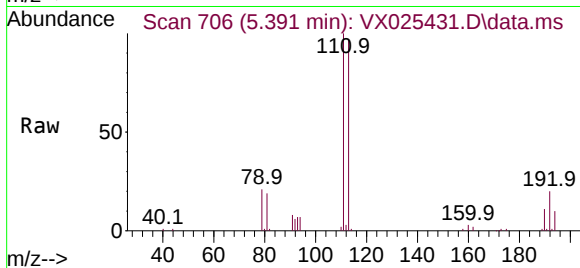
Lab File: VX025431.D

Acq: 02 Dec 2021 16:19

Instrument :

MSVOA_X

ClientSampleId :



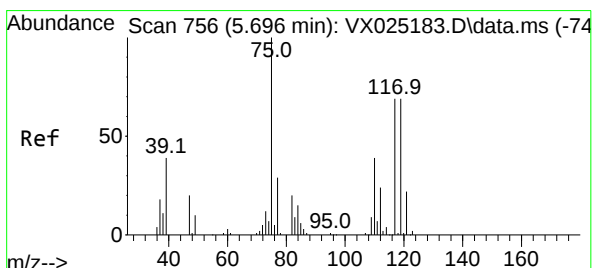
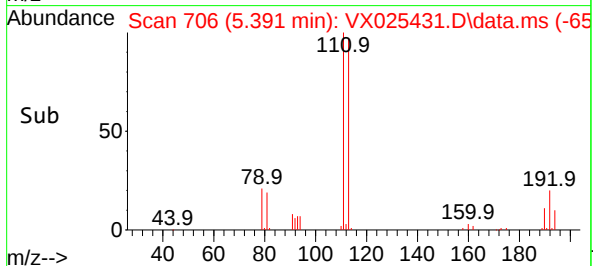
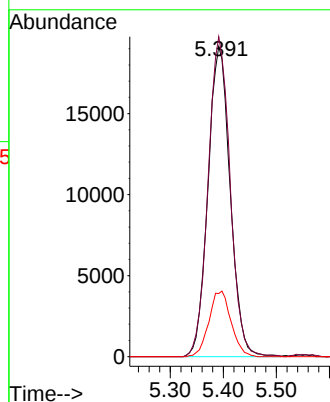
Tgt Ion:113 Resp: 55610

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 21.1 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025431.D

Acq: 02 Dec 2021 16:19

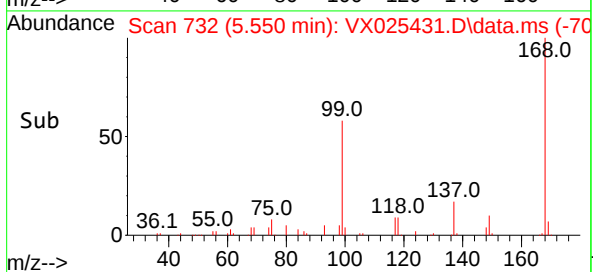
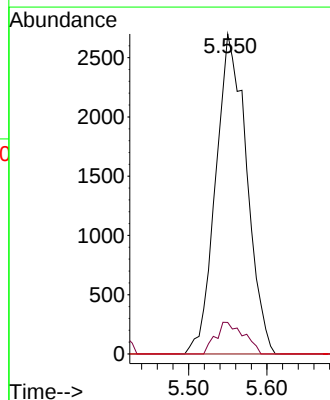
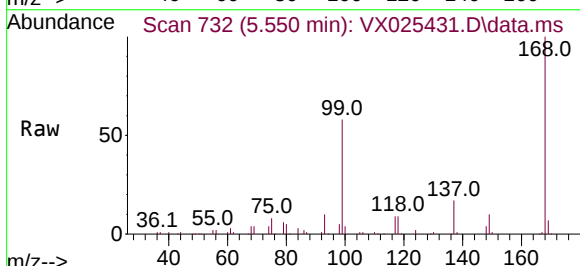
Tgt Ion: 75 Resp: 7396

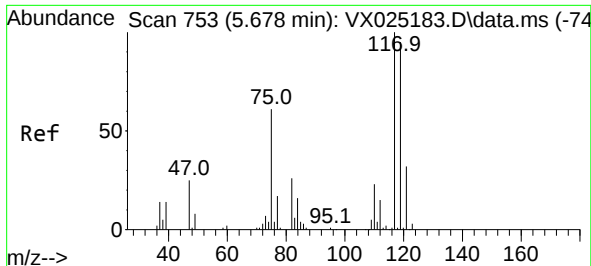
Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.3#

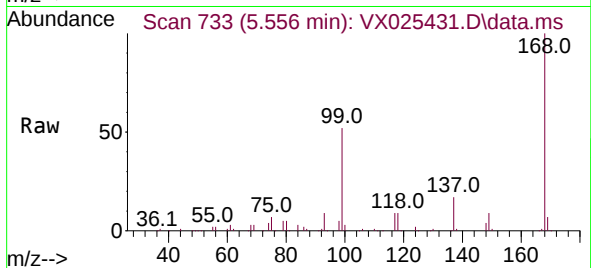
77 0.0 24.4 36.6#



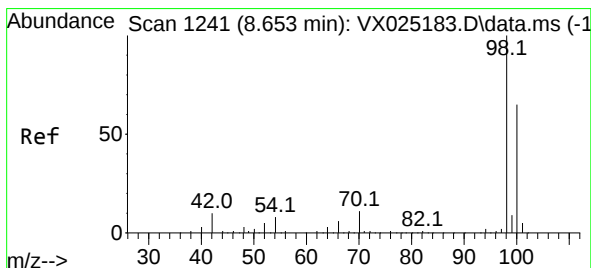
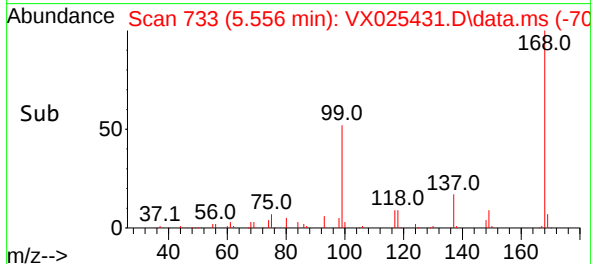
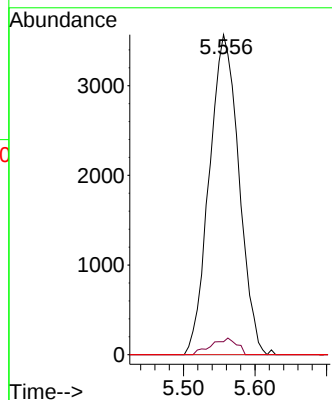


#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :

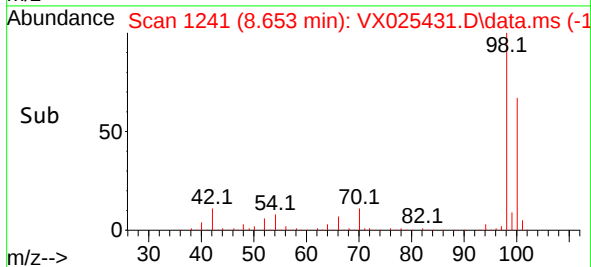
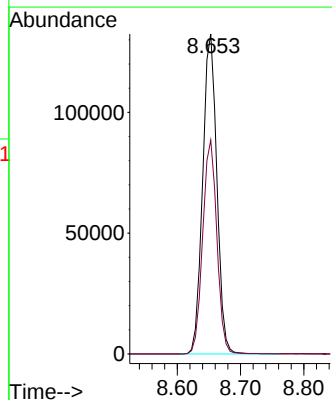
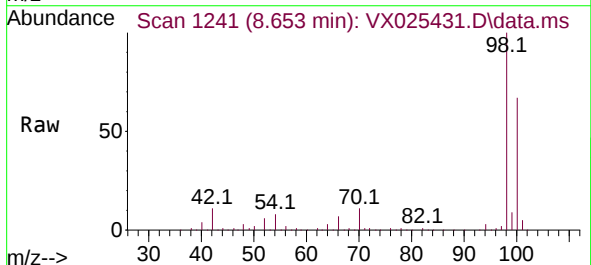


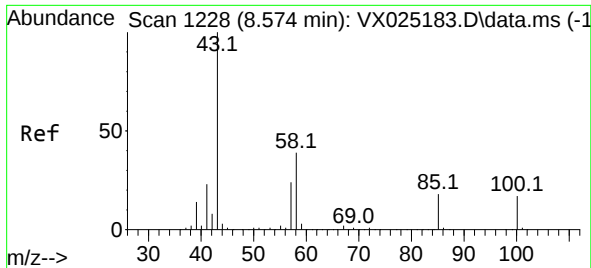
Tgt Ion:117 Resp: 10286
Ion Ratio Lower Upper
117 100
119 4.1 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.056 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 98 Resp: 206960
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0

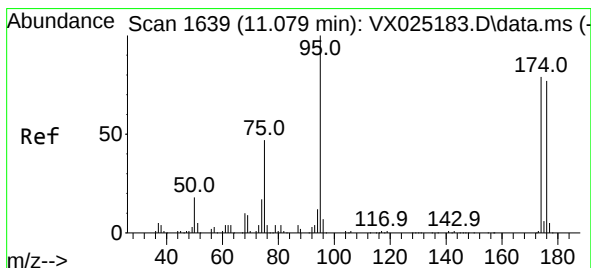
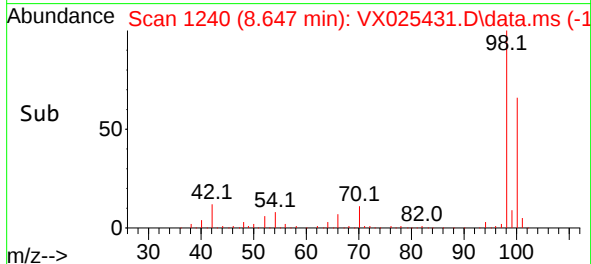
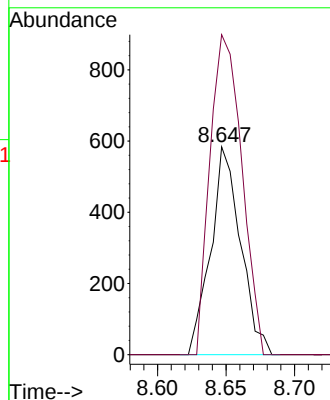
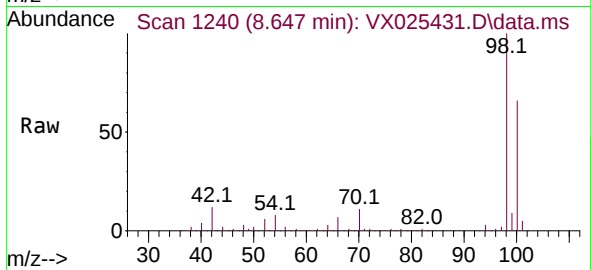




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

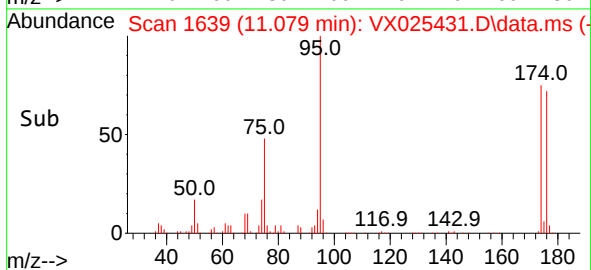
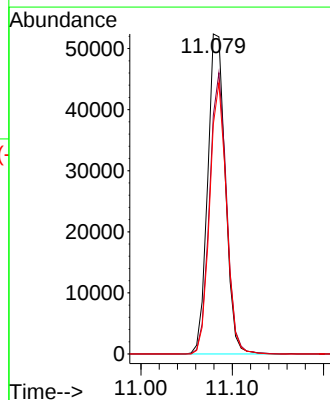
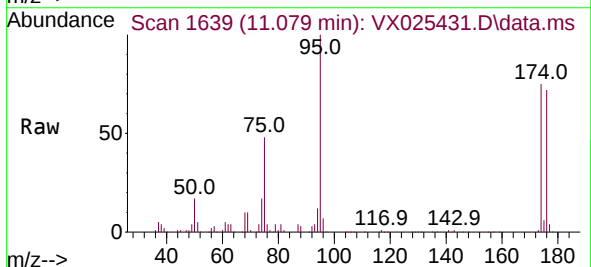
Instrument :
MSVOA_X
ClientSampleId :

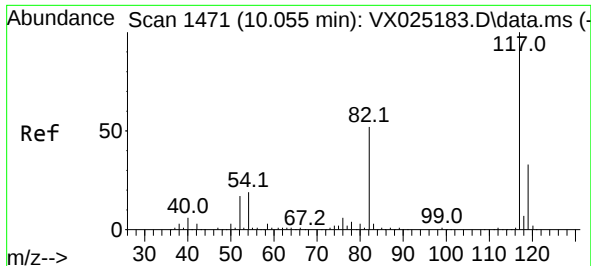
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 164.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion: 95 Resp: 69936
Ion Ratio Lower Upper
95 100
174 85.0 0.0 158.0
176 80.7 0.0 153.6

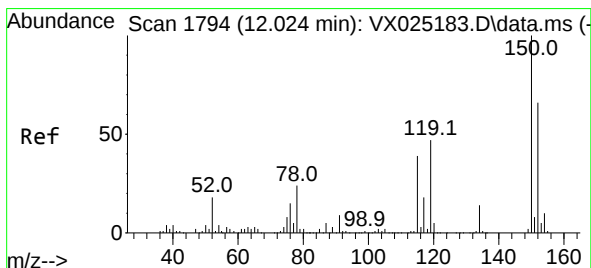
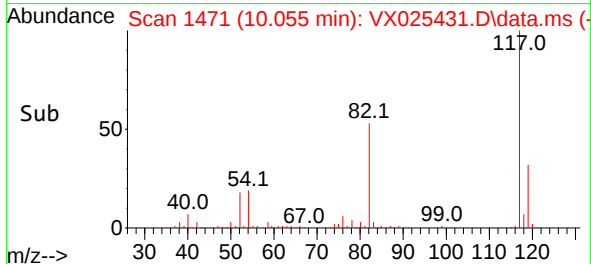
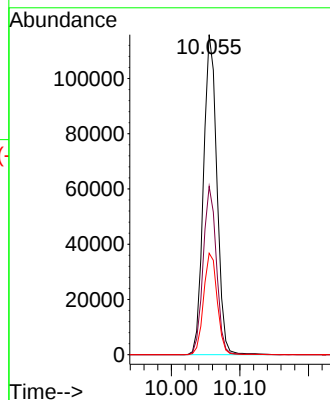
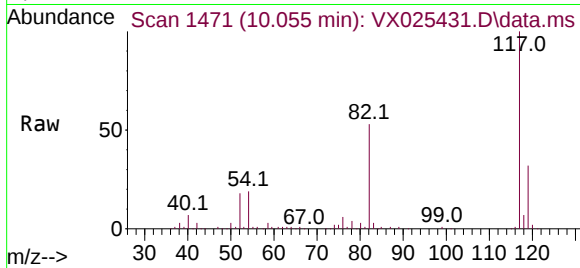




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

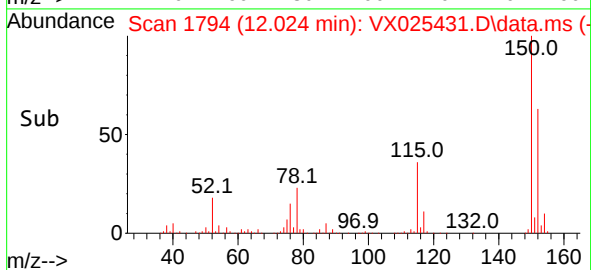
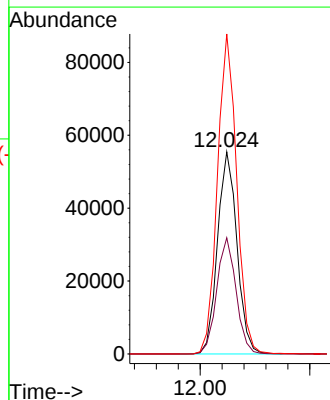
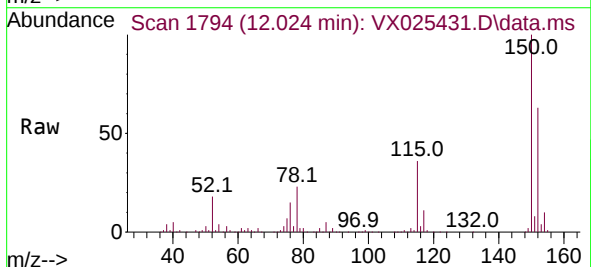
Instrument :
MSVOA_X
ClientSampleId :

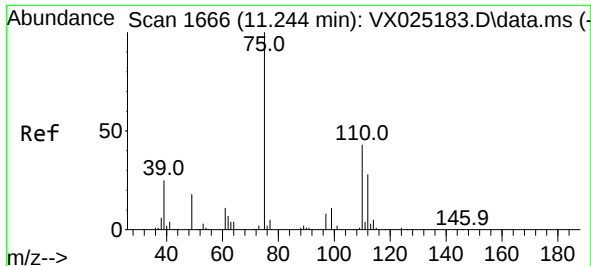
Tgt Ion:117 Resp: 158451
Ion Ratio Lower Upper
117 100
82 52.6 44.6 67.0
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Tgt Ion:152 Resp: 68310
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.8
150 156.7 0.0 351.2

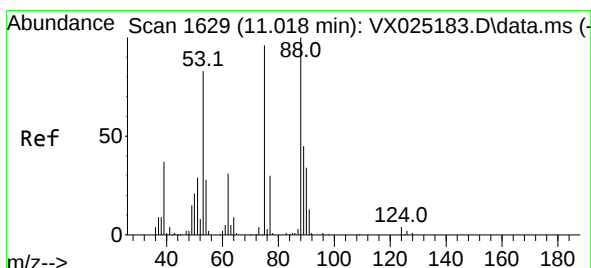
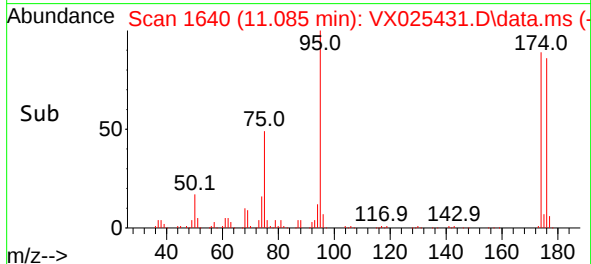
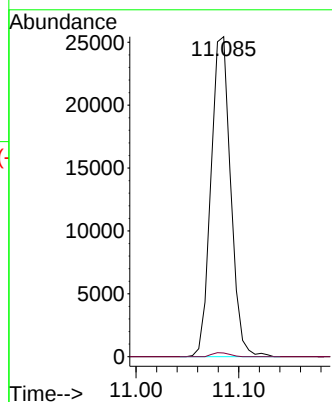
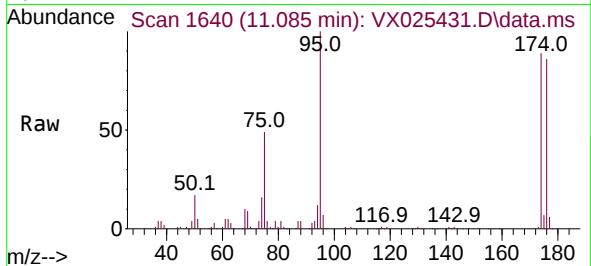




#76
1,2,3-Trichloropropane
Concen: 24.288 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

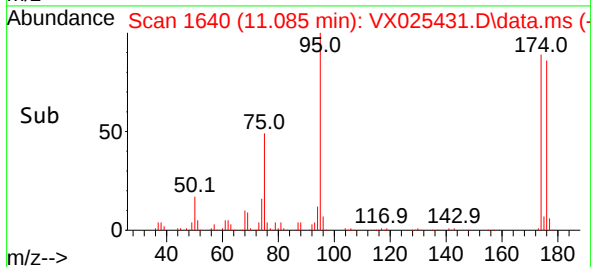
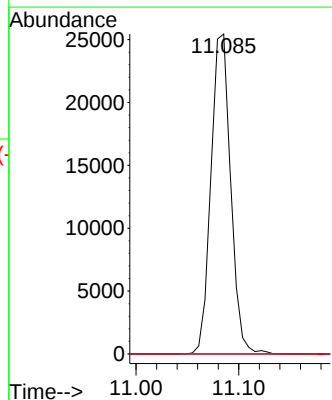
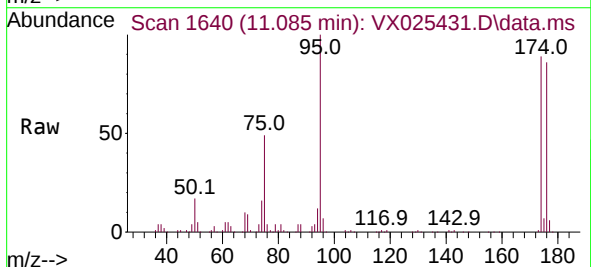
Instrument :
MSVOA_X
ClientSampleId :

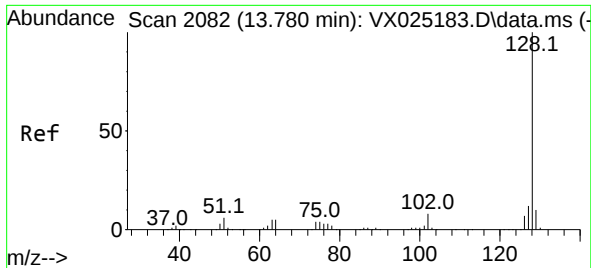
Tgt Ion: 75 Resp: 33975
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.185 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

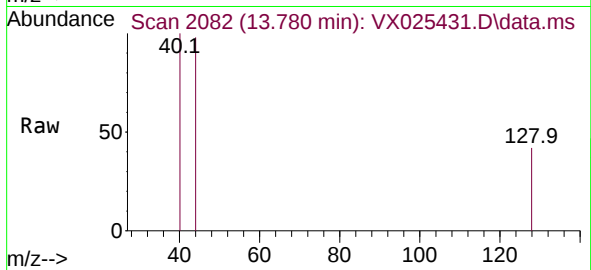
Tgt Ion: 75 Resp: 33975
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025431.D
Acq: 02 Dec 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 22
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

