

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025417.D
 Acq On : 02 Dec 2021 10:34
 Operator : JC/MD
 Sample : VX1202MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:03:42 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)

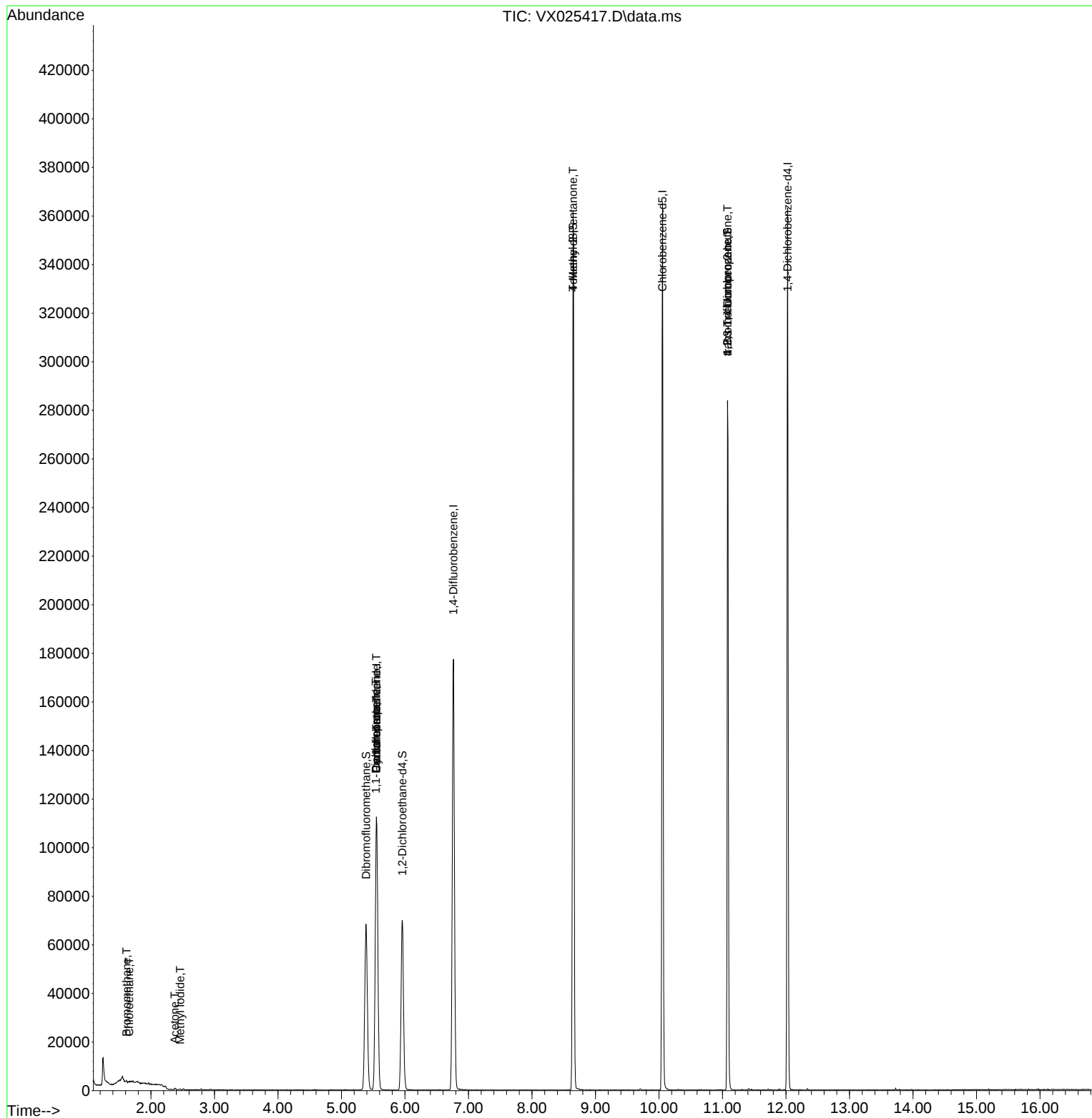
Internal Standards						
1) Pentafluorobenzene	5.550	168	115762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65472	53.656	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.320%	
35) Dibromofluoromethane	5.385	113	58815	50.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	8.647	98	220496	50.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	11.079	95	76247	46.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	229	0.390	ug/l #	74
6) Chloroethane	1.654	64	204	0.217	ug/l	96
10) Methyl Iodide	2.459	142	306	0.227	ug/l #	64
11) Tert butyl alcohol	2.947	59	109	Below Cal	#	72
16) Acetone	2.374	43	479	0.706	ug/l	99
31) Cyclohexane	5.550	56	1991	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7667	4.643	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10775	5.924	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	818	0.417	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37363	23.517	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37363	59.244	ug/l #	9
95) Naphthalene	13.780	128	262	Below Cal	#	69

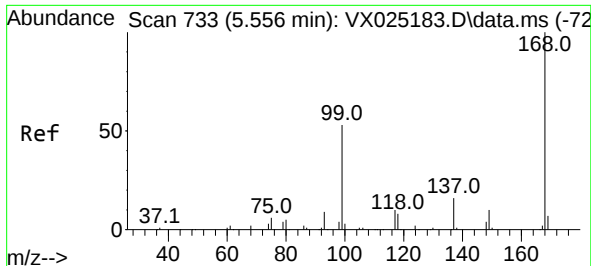
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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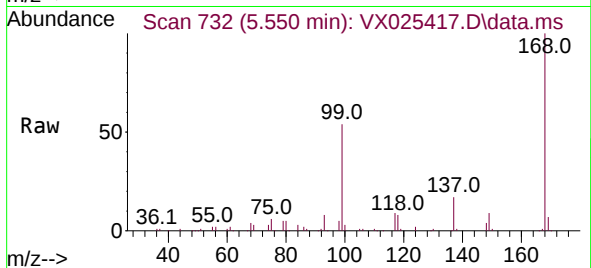
Quant Time: Dec 03 03:03:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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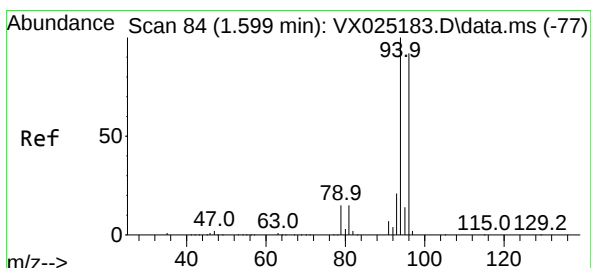
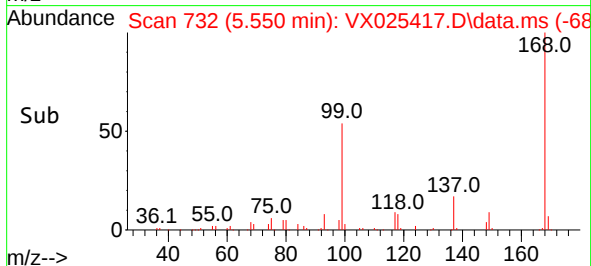
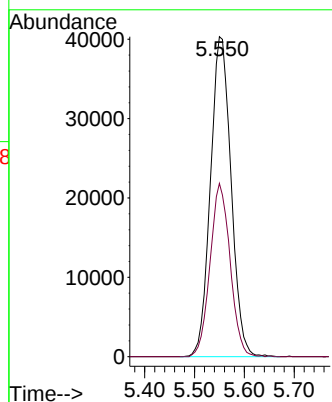


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Instrument :
MSVOA_X
ClientSampleId :

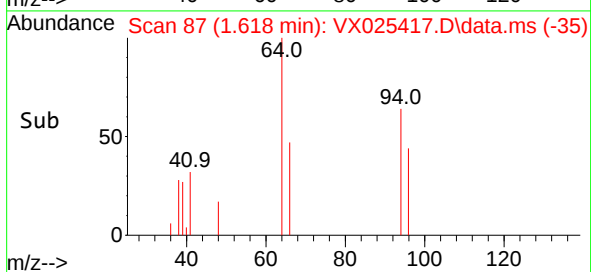
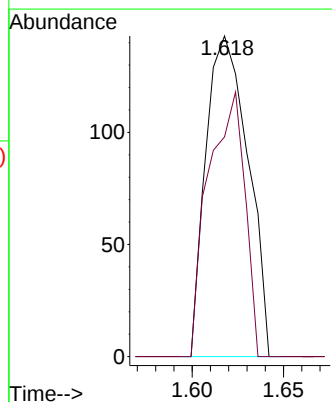
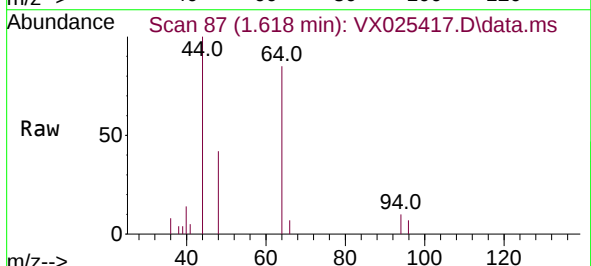


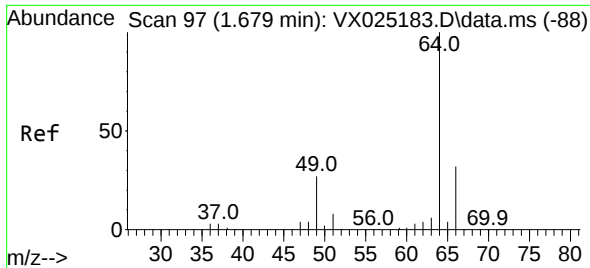
Tgt Ion:168 Resp: 115762
Ion Ratio Lower Upper
168 100
99 54.1 46.4 69.6



#5
Bromomethane
Concen: 0.390 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

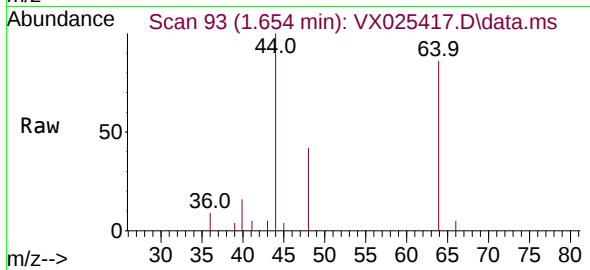
Tgt Ion: 94 Resp: 229
Ion Ratio Lower Upper
94 100
96 68.5 74.8 112.2#



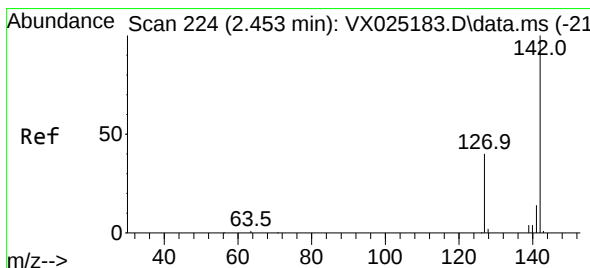
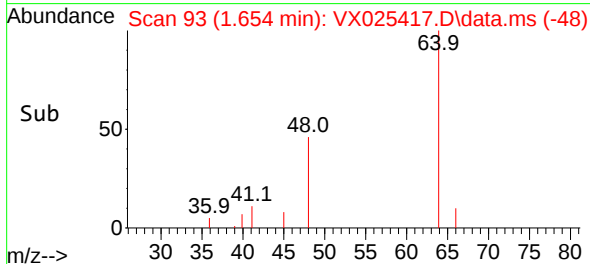
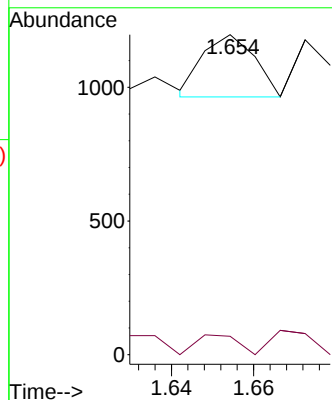


#6
Chloroethane
Concen: 0.217 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Instrument :
MSVOA_X
ClientSampleId :

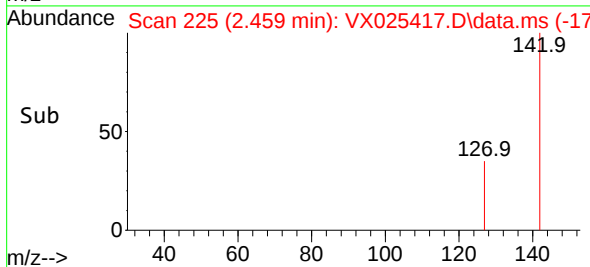
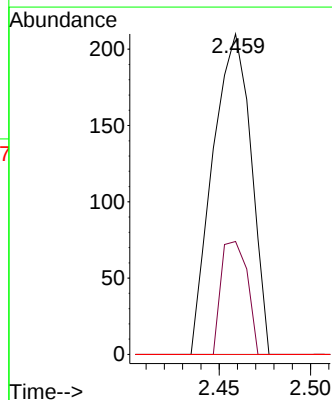
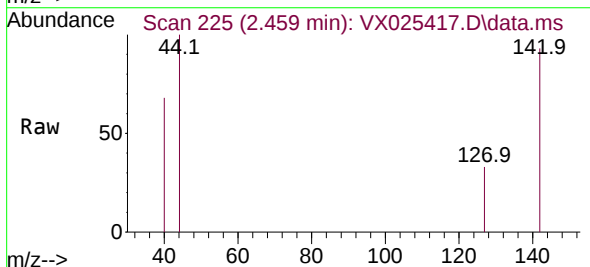


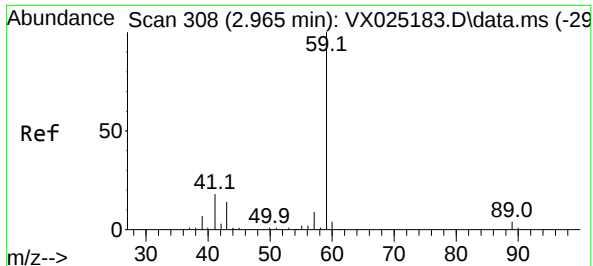
Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 29.6 25.6 38.4



#10
Methyl Iodide
Concen: 0.227 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

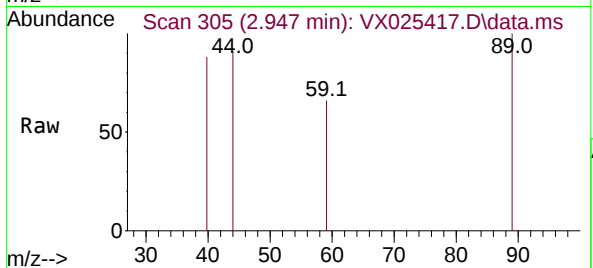
Tgt Ion: 142 Resp: 306
Ion Ratio Lower Upper
142 100
127 24.2 38.9 58.3#
141 0.0 11.7 17.5#



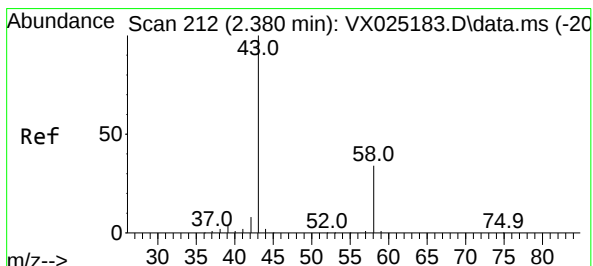
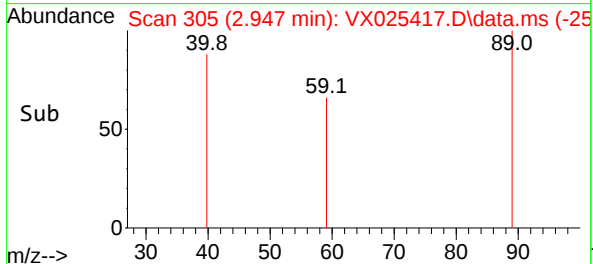
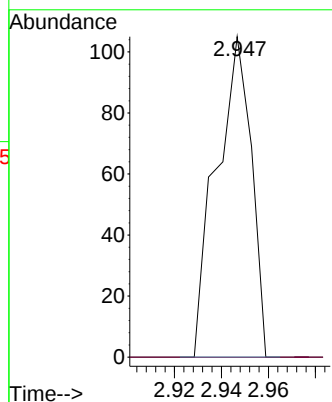


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Instrument :
MSVOA_X
ClientSampleId :

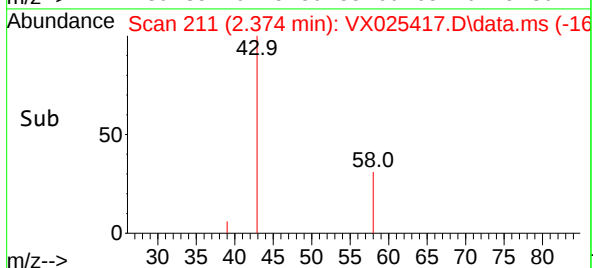
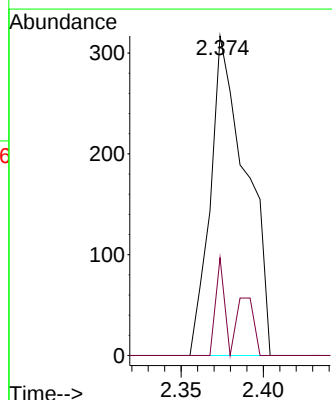
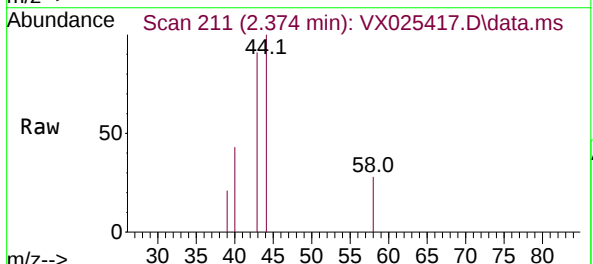


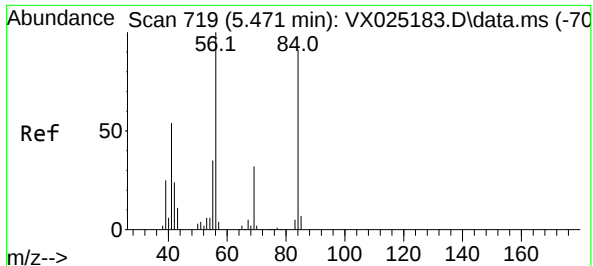
Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.706 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

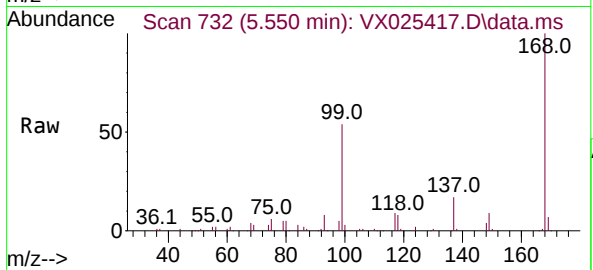
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0



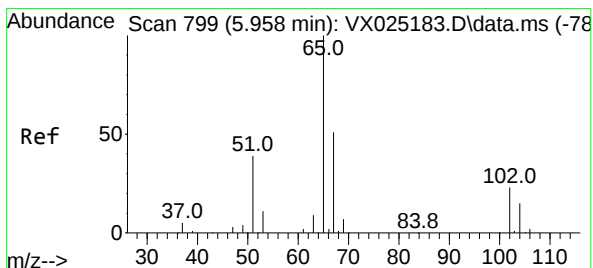
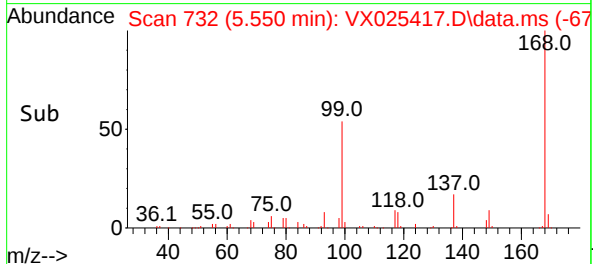
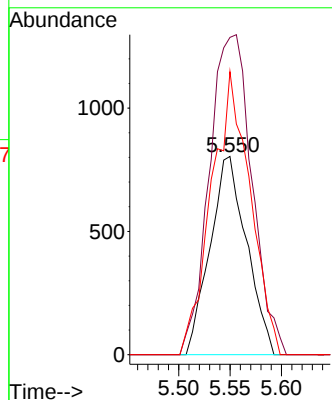


#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Instrument :
MSVOA_X
ClientSampleId :

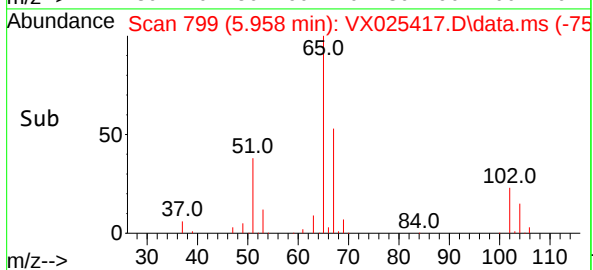
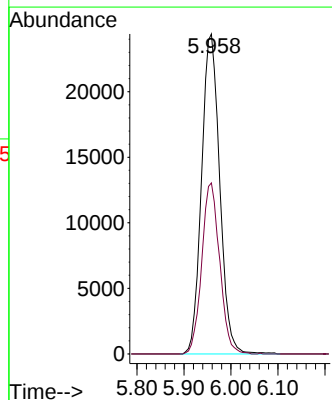
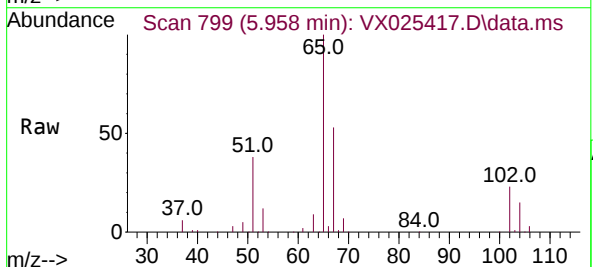


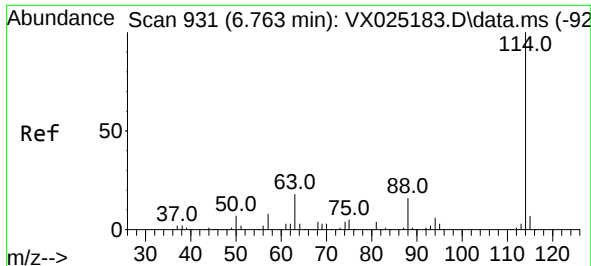
Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
69 160.1 24.2 36.2#
84 142.8 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 53.656 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Tgt Ion: 65 Resp: 65472
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.0

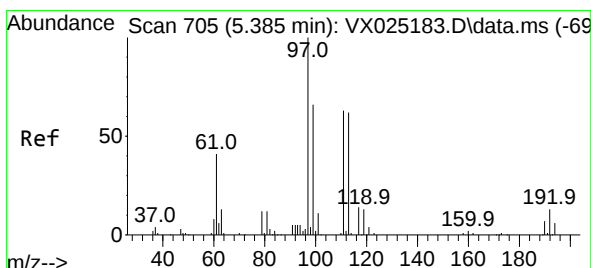
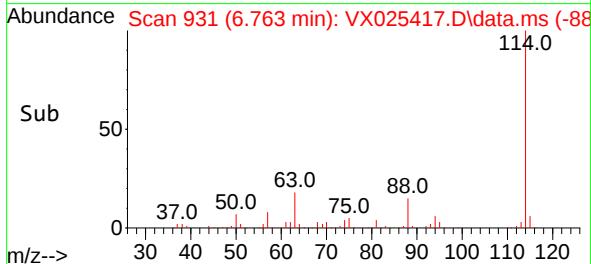
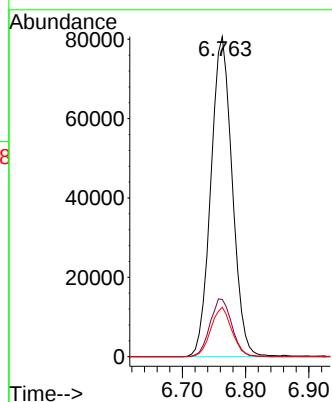
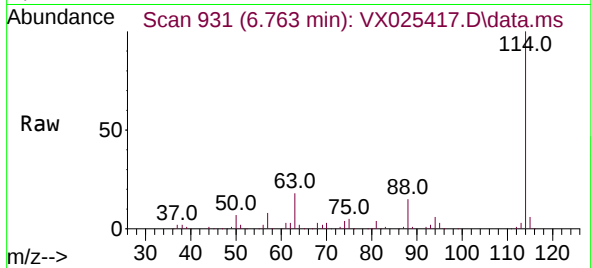




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

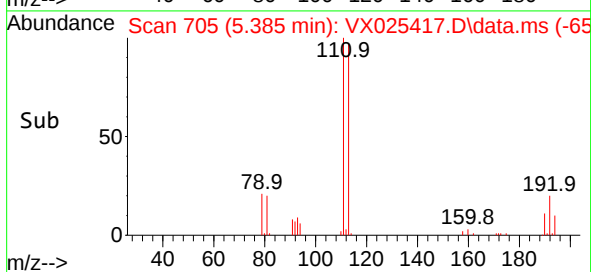
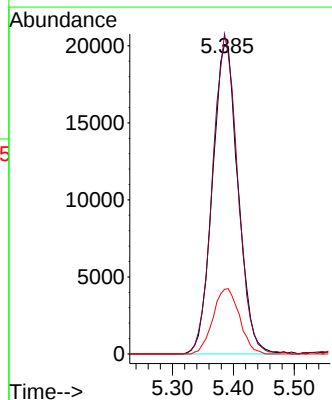
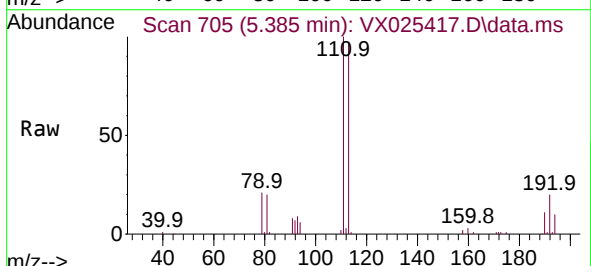
Instrument :
MSVOA_X
ClientSampleId :

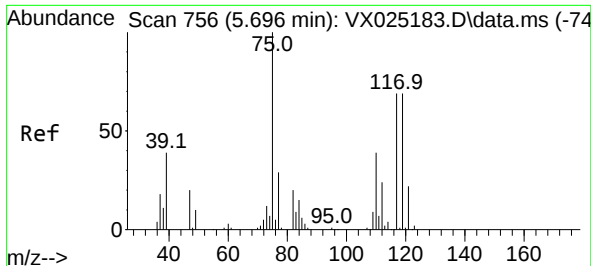
Tgt Ion:114 Resp: 189289
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Tgt Ion:113 Resp: 58815
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 21.7 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

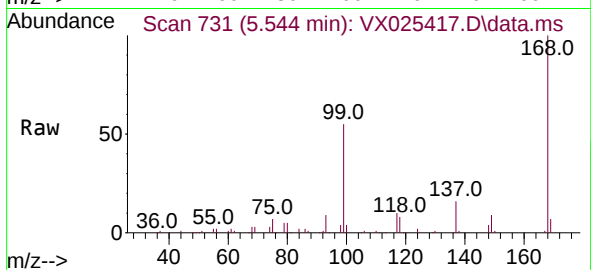
Lab File: VX025417.D

Acq: 02 Dec 2021 10:34

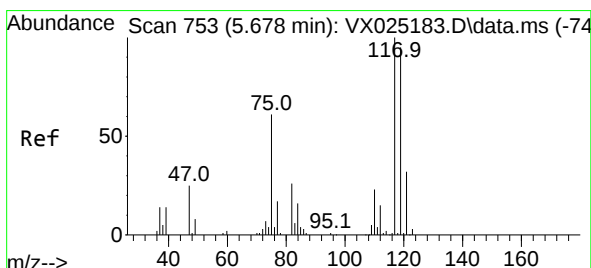
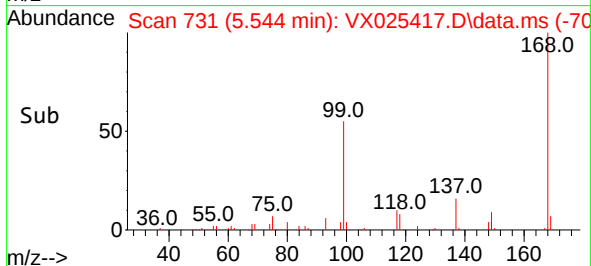
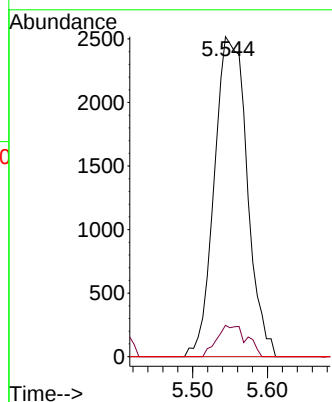
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 7667
Ion Ratio	Lower Upper
75 100	
110 8.9	18.1 54.3#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.924 ug/l

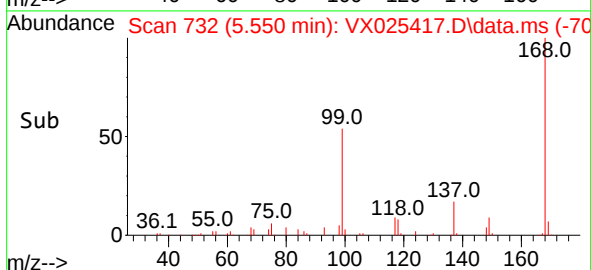
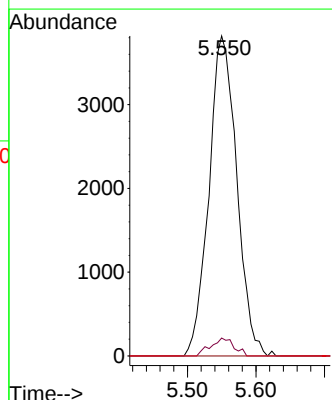
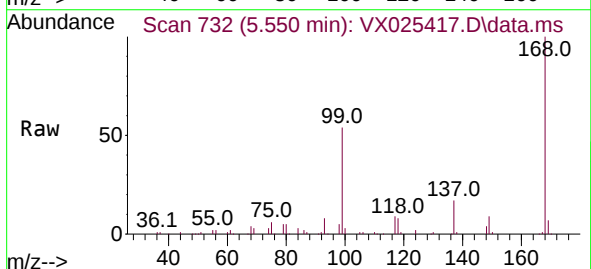
RT: 5.550 min Scan# 732

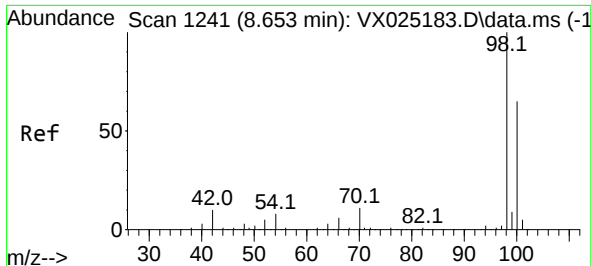
Delta R.T. -0.128 min

Lab File: VX025417.D

Acq: 02 Dec 2021 10:34

Tgt Ion: 117	Resp: 10775
Ion Ratio	Lower Upper
117 100	
119 5.6	75.6 113.4#
121 0.0	23.7 35.5#





#50

Toluene-d8

Concen: 50.494 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX025417.D

Acq: 02 Dec 2021 10:34

Instrument :

MSVOA_X

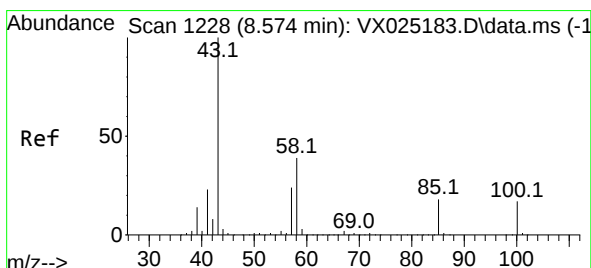
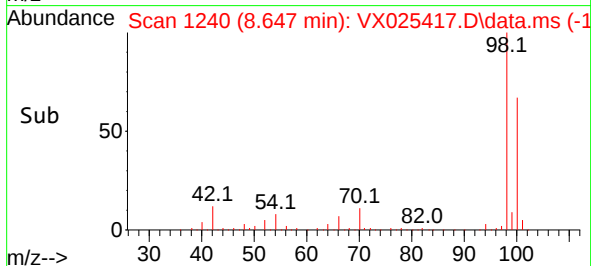
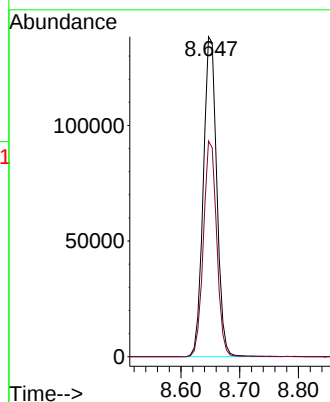
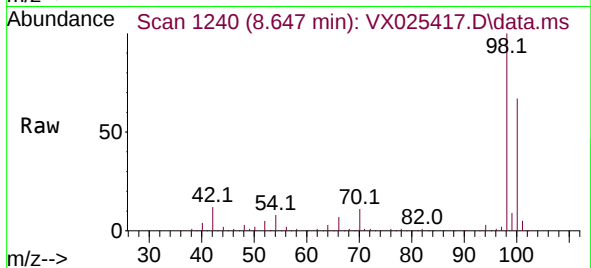
ClientSampleId :

Tgt Ion: 98 Resp: 220496

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.417 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025417.D

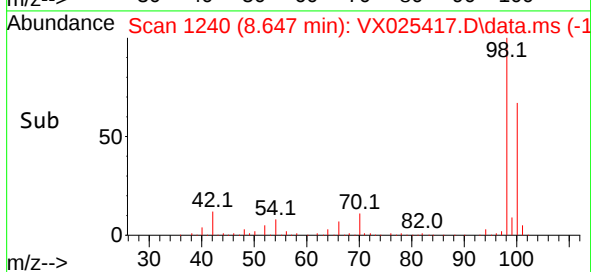
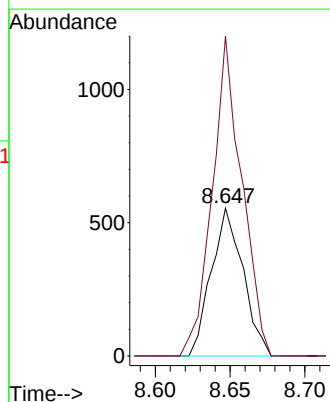
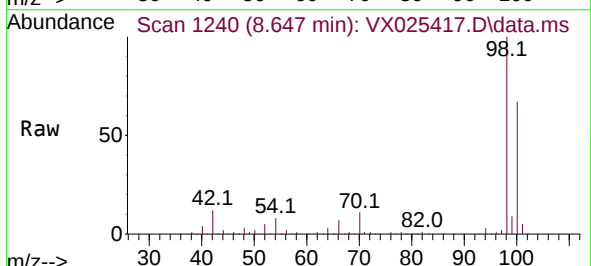
Acq: 02 Dec 2021 10:34

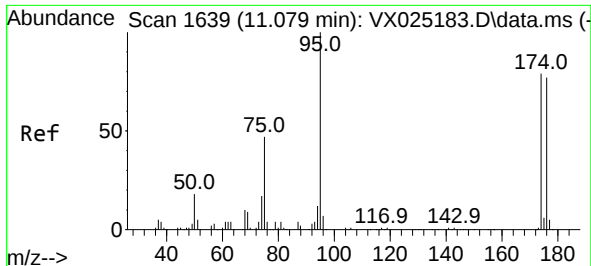
Tgt Ion: 43 Resp: 818

Ion Ratio Lower Upper

43 100

58 202.3 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 46.155 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025417.D

Acq: 02 Dec 2021 10:34

Instrument :

MSVOA_X

ClientSampleId :

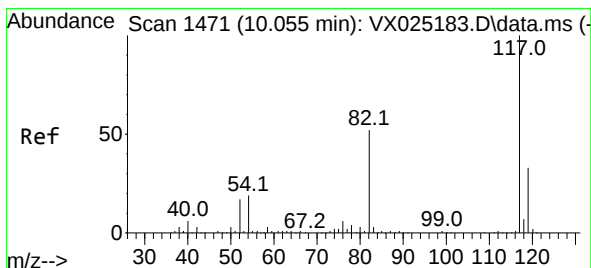
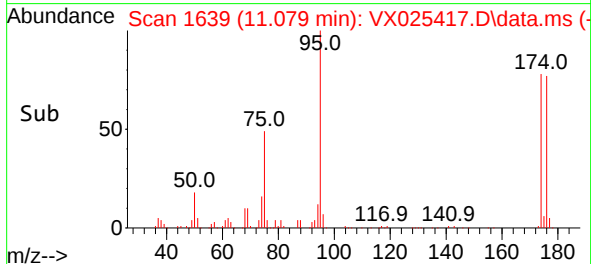
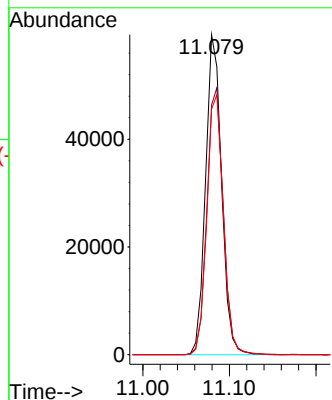
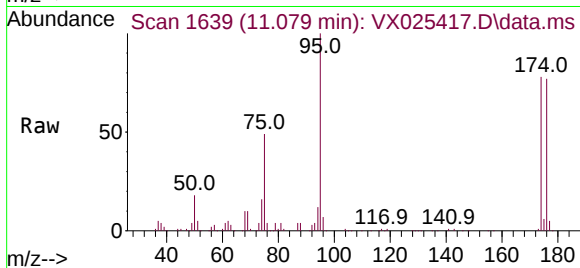
Tgt Ion: 95 Resp: 76247

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.0

176 83.7 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: VX025417.D

Acq: 02 Dec 2021 10:34

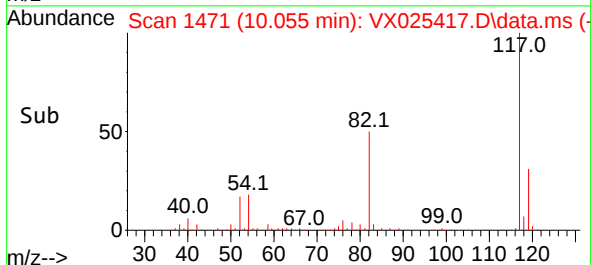
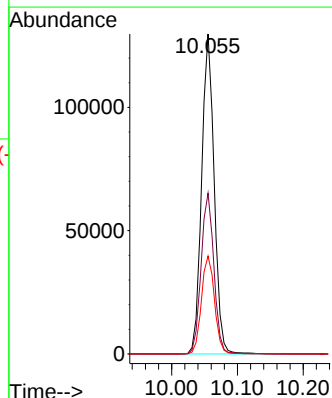
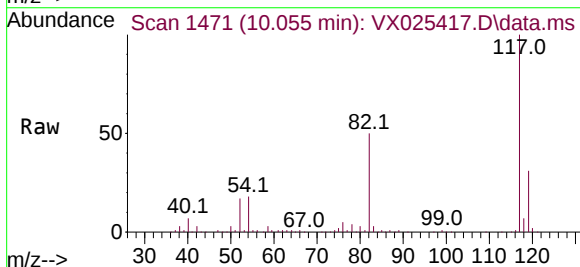
Tgt Ion: 117 Resp: 171961

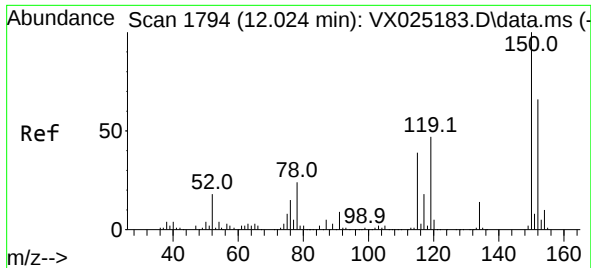
Ion Ratio Lower Upper

117 100

82 50.3 44.6 67.0

119 30.6 24.8 37.2

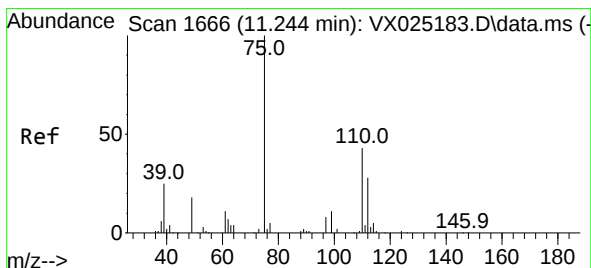
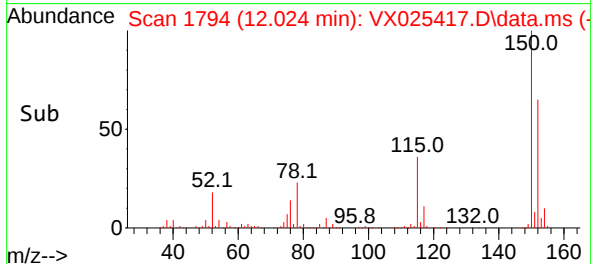
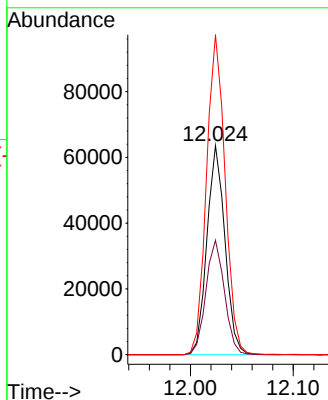
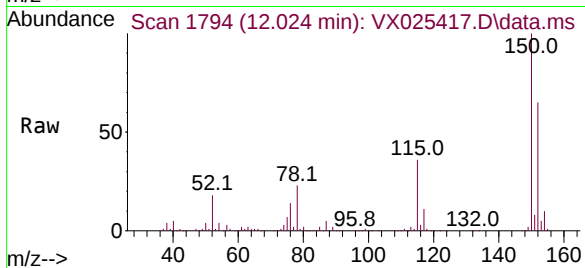




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

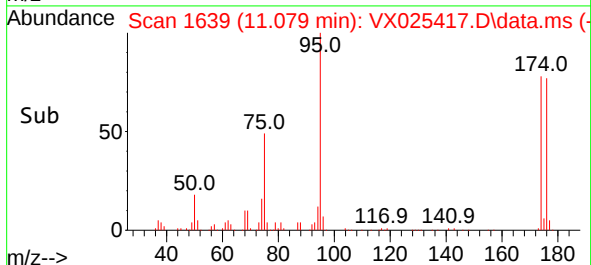
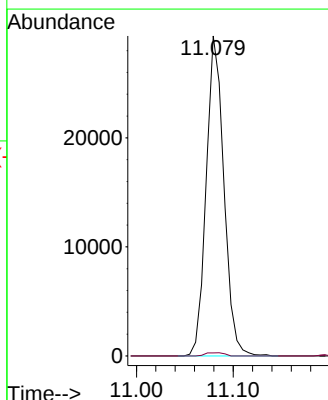
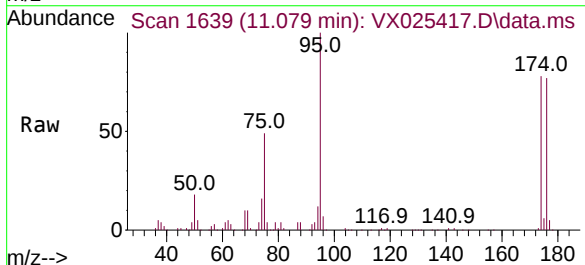
Instrument :
MSVOA_X
ClientSampleId :

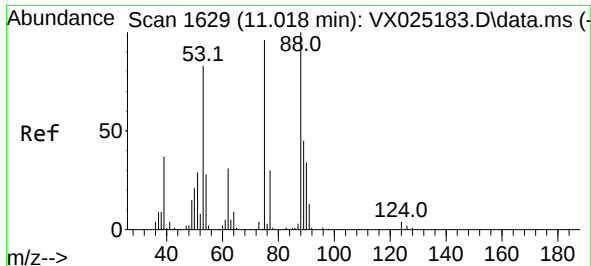
Tgt Ion:152 Resp: 77583
Ion Ratio Lower Upper
152 100
115 56.4 43.3 129.8
150 158.0 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Tgt Ion: 75 Resp: 37363
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#

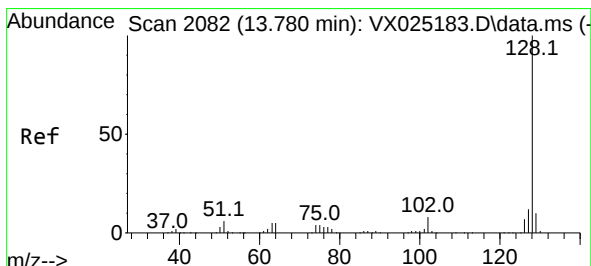
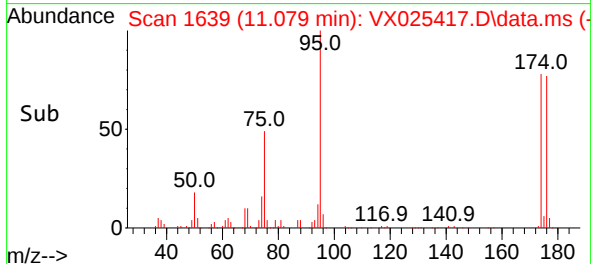
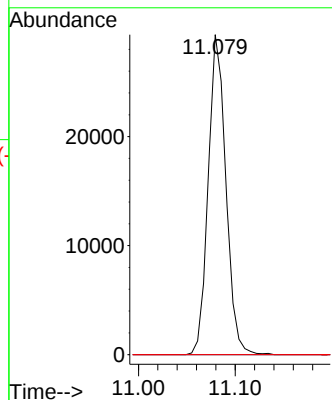
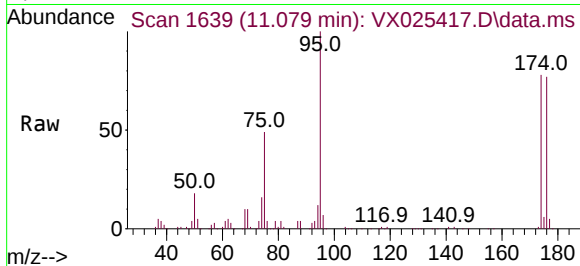




#81
trans-1,4-Dichloro-2-butene
Concen: 59.244 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 37363
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# 2082
Delta R.T. 0.000 min
Lab File: VX025417.D
Acq: 02 Dec 2021 10:34

Tgt Ion: 128 Resp: 262
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

