

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026738.D
 Acq On : 02 Feb 2022 15:47
 Operator : JC/MD
 Sample : N1380-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MID0222

Quant Time: Feb 03 03:07:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

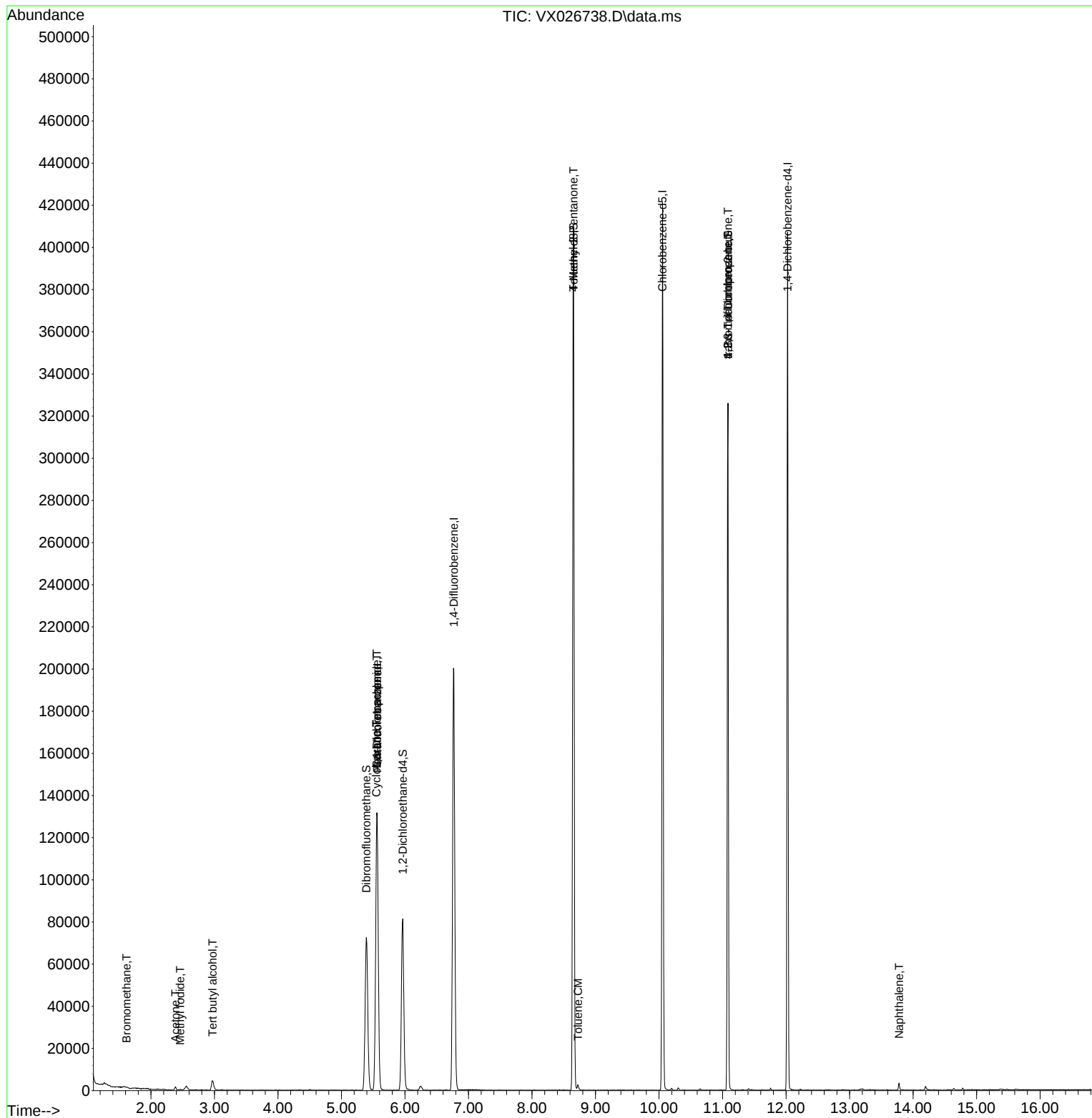
Internal Standards						
1) Pentafluorobenzene	5.562	168	126126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78409	44.503	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.000%
35) Dibromofluoromethane	5.391	113	64668	48.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.653	98	243849	50.336	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.085	95	88221	51.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	158	0.239	ug/l	95
10) Methyl Iodide	2.459	142	281	4.618	ug/l #	79
11) Tert butyl alcohol	2.971	59	6160	25.133	ug/l	100
16) Acetone	2.386	43	1732	1.928	ug/l	97
31) Cyclohexane	5.550	56	2446	0.941	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9535	4.493	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12869	5.895	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1133	0.551	ug/l #	1
52) Toluene	8.726	92	1047	0.291	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	43400	24.551	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	43400	74.715	ug/l #	3
95) Naphthalene	13.780	128	2616	0.458	ug/l	96

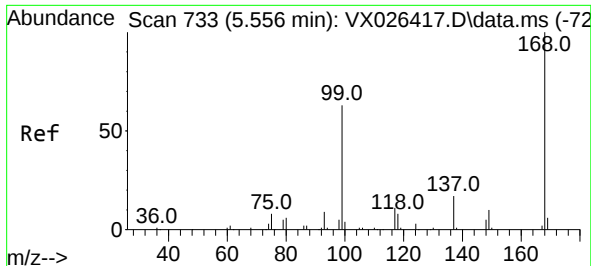
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
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Instrument :
MSVOA_X
ClientSampleId :
MID0222

Quant Time: Feb 03 03:07:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

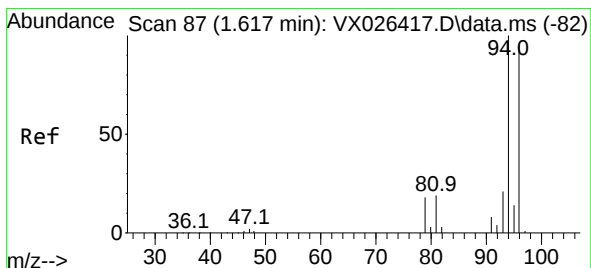
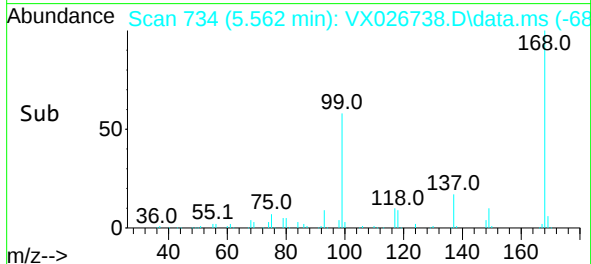
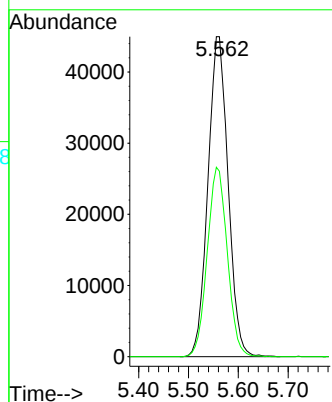
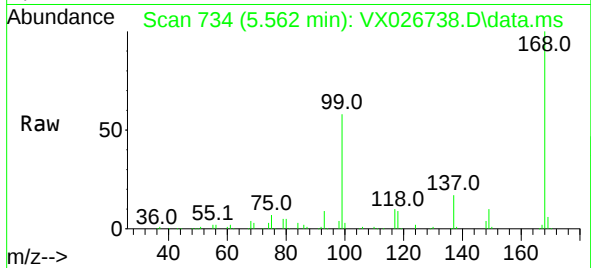




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

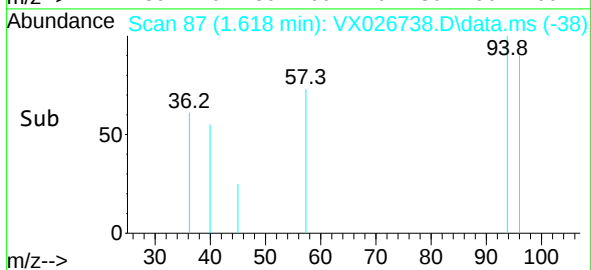
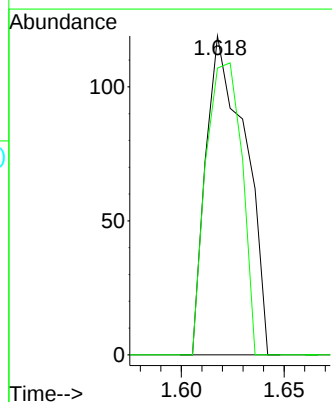
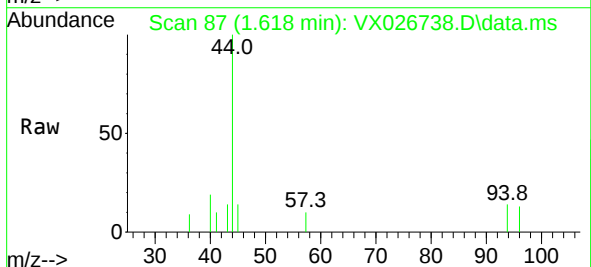
Instrument :
MSVOA_X
ClientSampleId :
MID0222

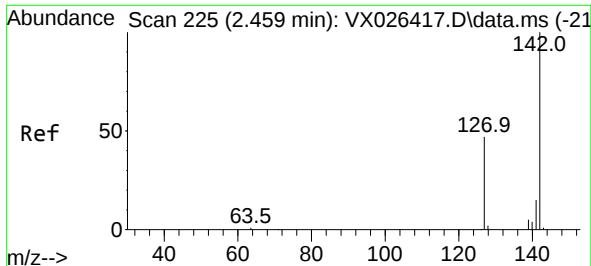
Tgt Ion:168 Resp: 126126
Ion Ratio Lower Upper
168 100
99 57.9 50.3 75.5



#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

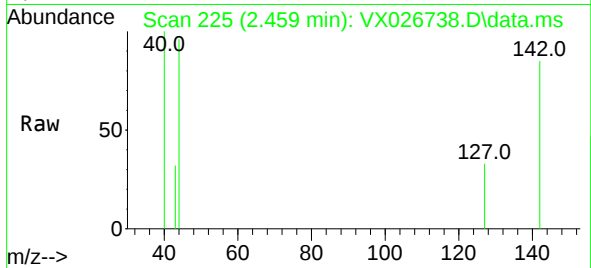
Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 89.9 75.9 113.9



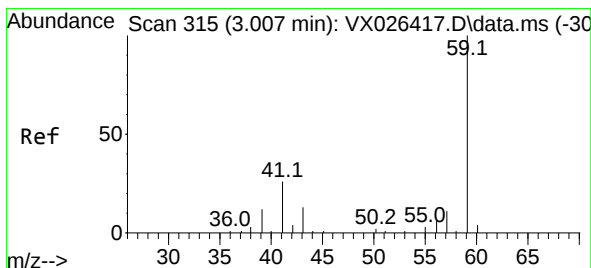
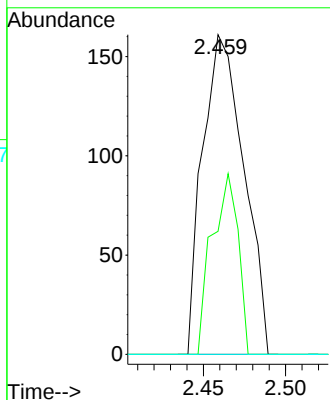
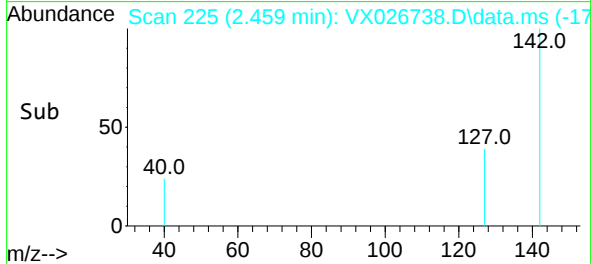


#10
Methyl Iodide
Concen: 4.618 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
MID0222

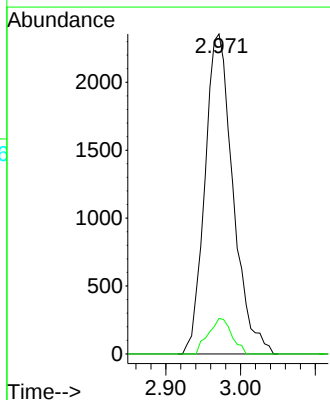
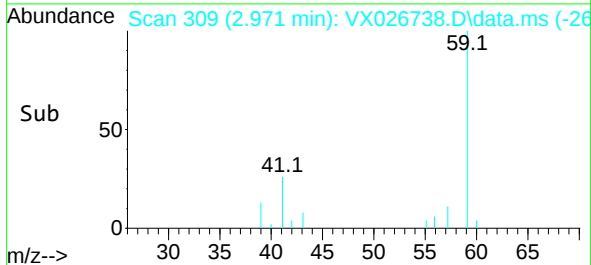
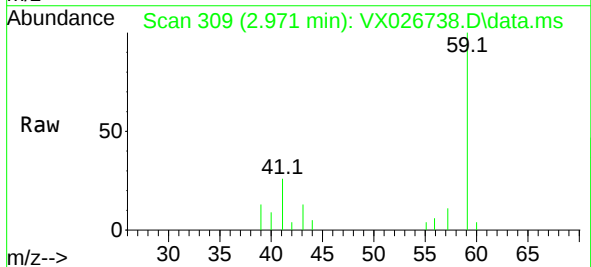


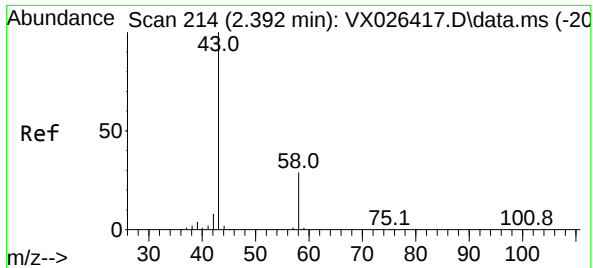
Tgt Ion:142 Resp: 281
Ion Ratio Lower Upper
142 100
127 35.9 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 25.133 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.036 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 59 Resp: 6160
Ion Ratio Lower Upper
59 100
57 9.2 7.2 10.8

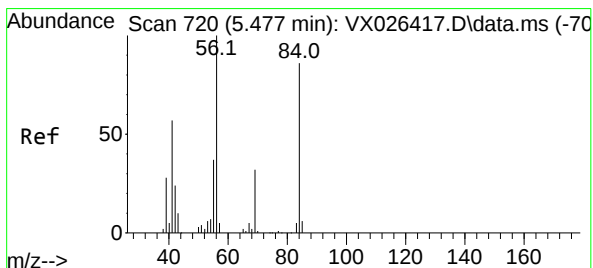
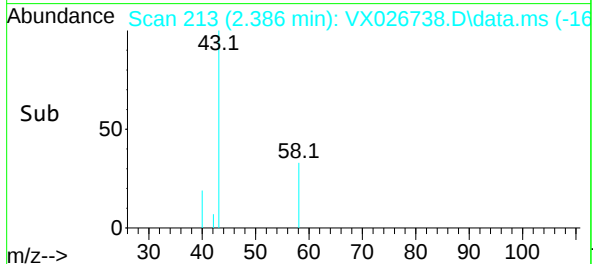
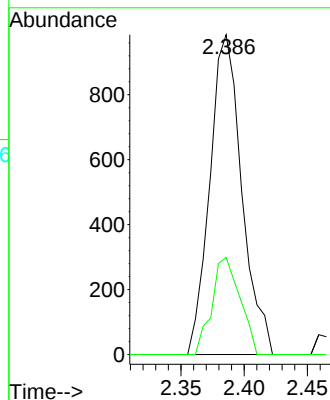
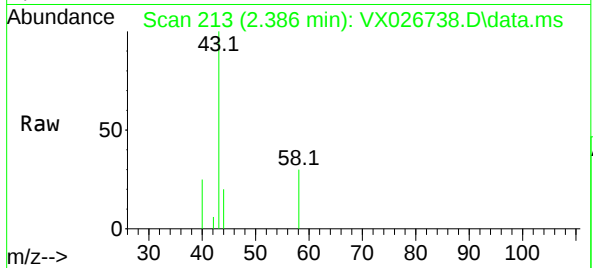




#16
Acetone
Concen: 1.928 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

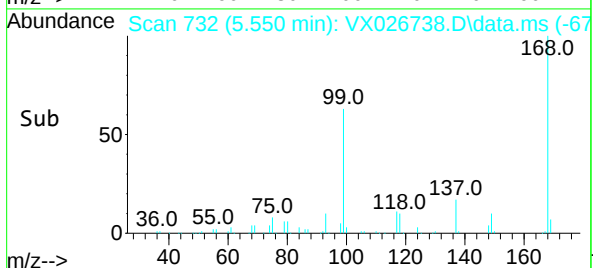
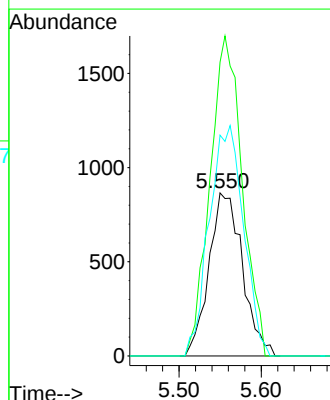
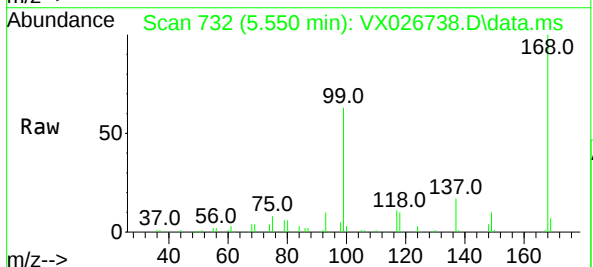
Instrument :
MSVOA_X
ClientSampleId :
MID0222

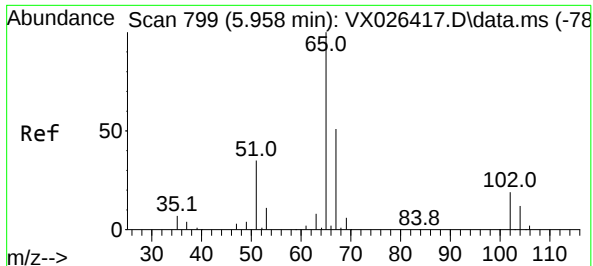
Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 30.4 23.0 34.6



#31
Cyclohexane
Concen: 0.941 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 180.1 25.8 38.6#
84 135.3 68.9 103.3#

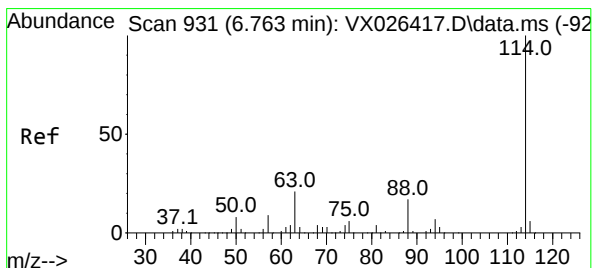
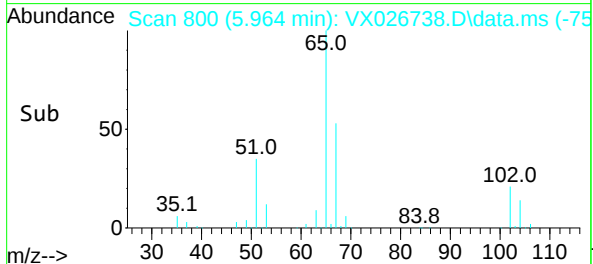
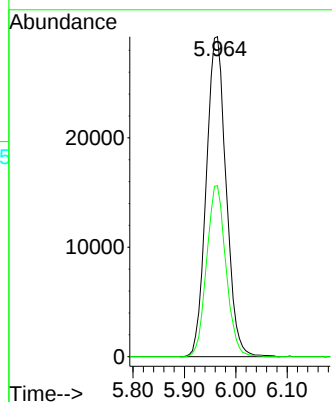
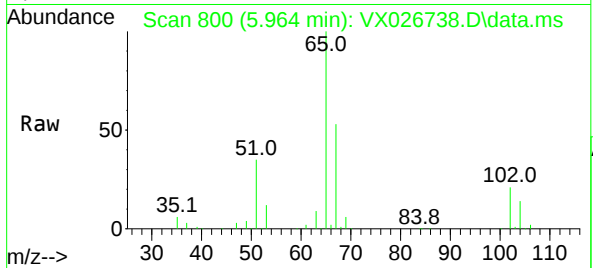




#33
1,2-Dichloroethane-d4
Concen: 44.503 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

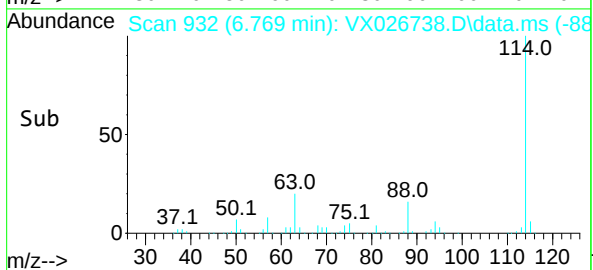
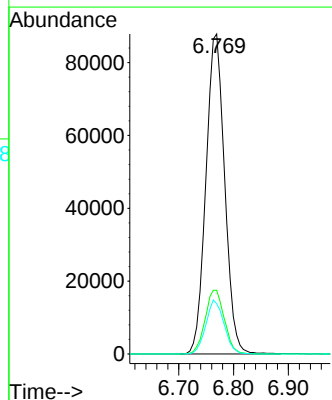
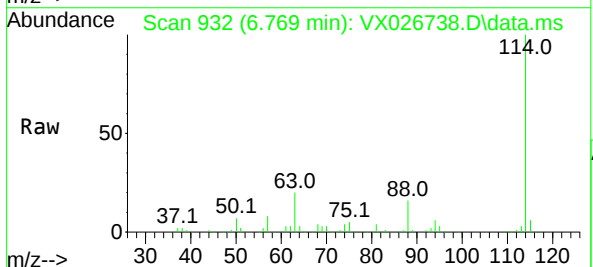
Instrument :
MSVOA_X
ClientSampleId :
MID0222

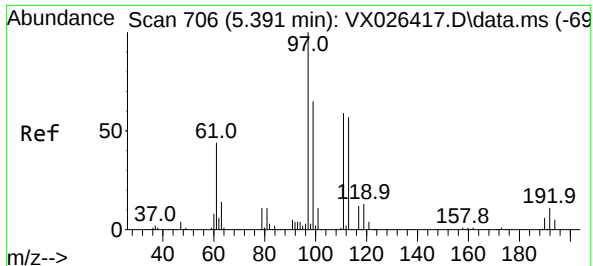
Tgt Ion: 65 Resp: 78409
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 114 Resp: 208177
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.104 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026738.D

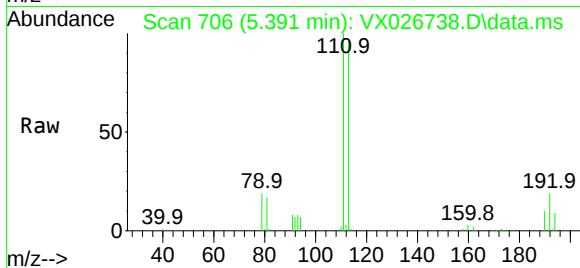
Acq: 02 Feb 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

MID0222



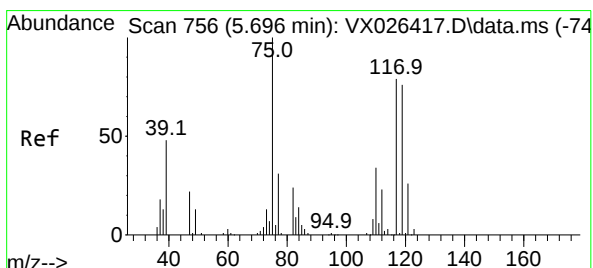
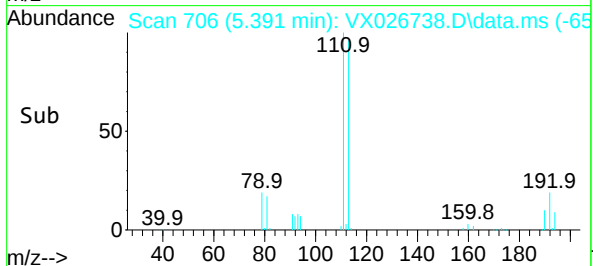
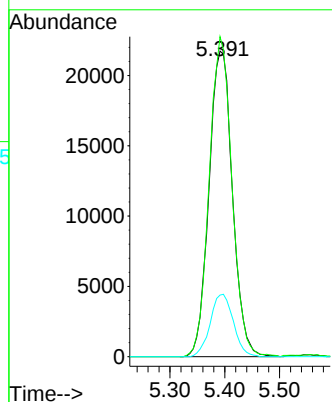
Tgt Ion:113 Resp: 64668

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

192 20.1 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026738.D

Acq: 02 Feb 2022 15:47

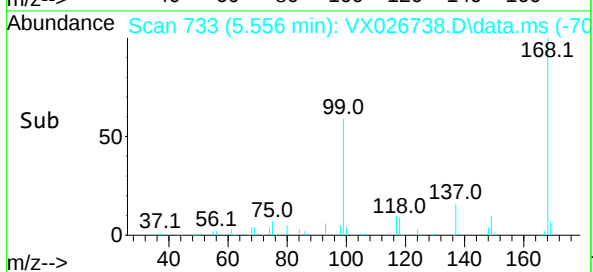
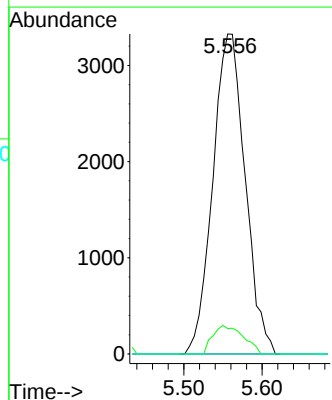
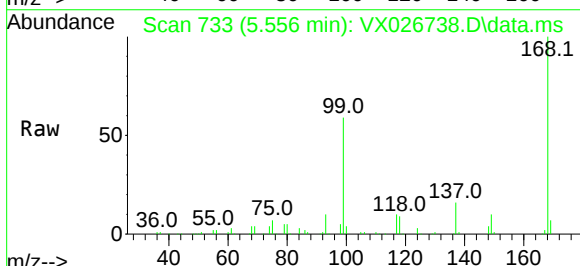
Tgt Ion: 75 Resp: 9535

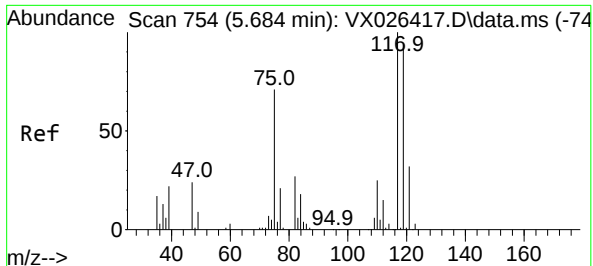
Ion Ratio Lower Upper

75 100

110 8.4 17.2 51.6#

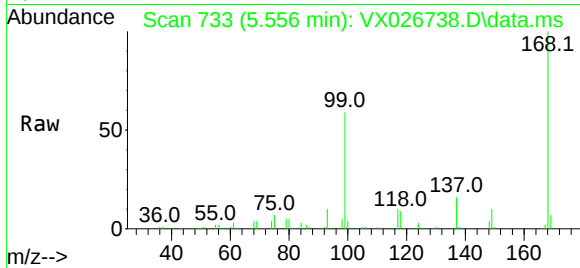
77 0.0 24.6 36.8#



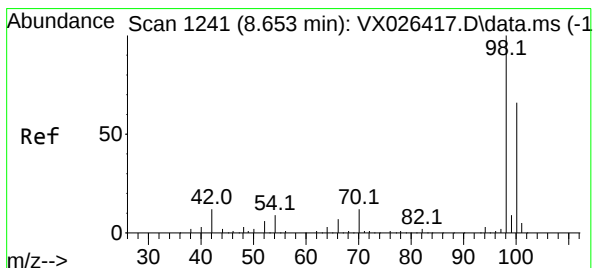
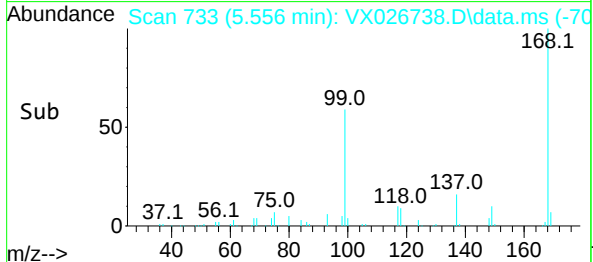
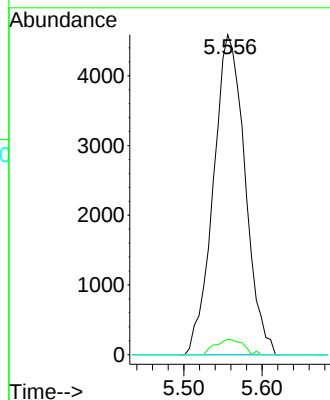


#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
MID0222

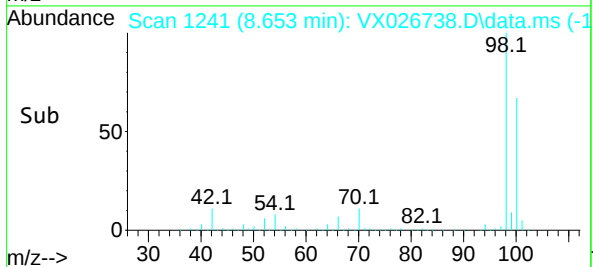
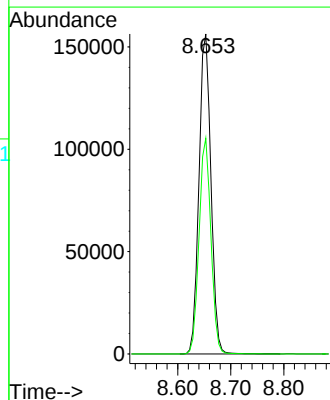
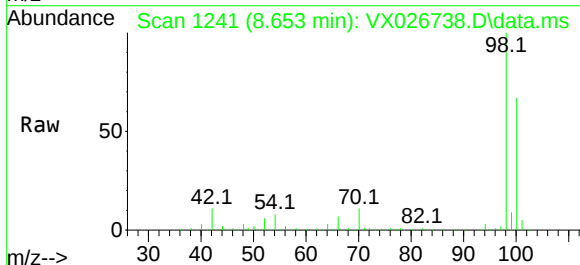


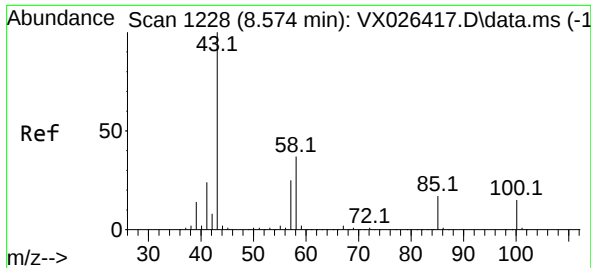
Tgt Ion:117 Resp: 12869
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.336 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 98 Resp: 243849
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8

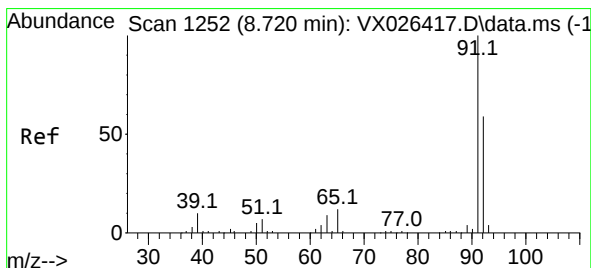
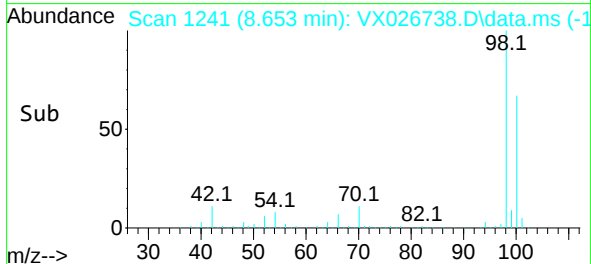
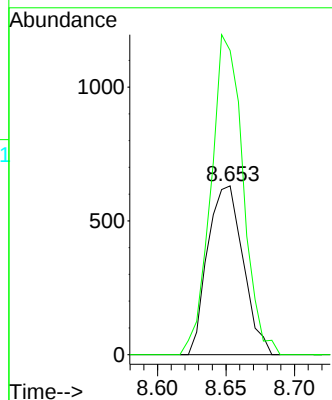
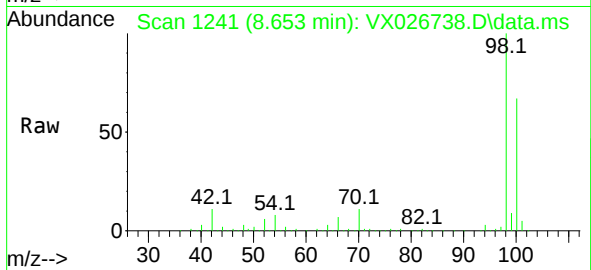




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.653 min Scan# 1133
Delta R.T. 0.079 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

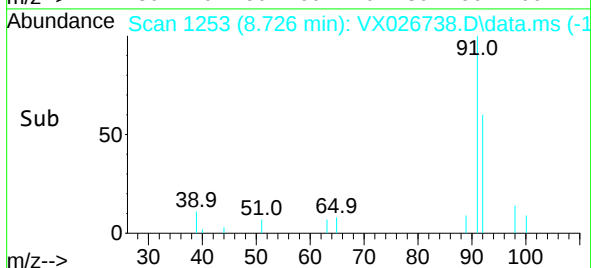
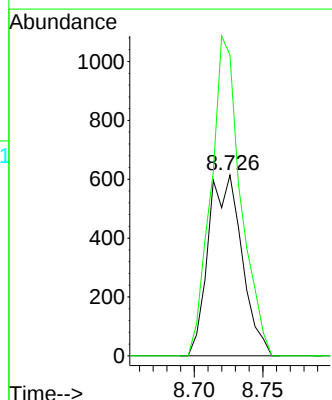
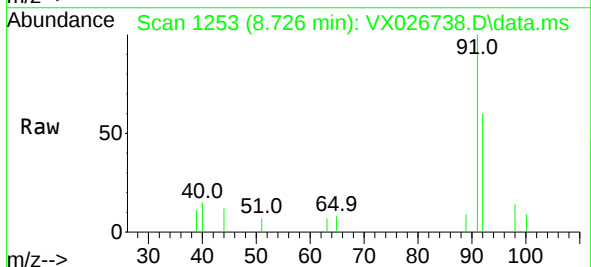
Instrument :
MSVOA_X
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MID0222

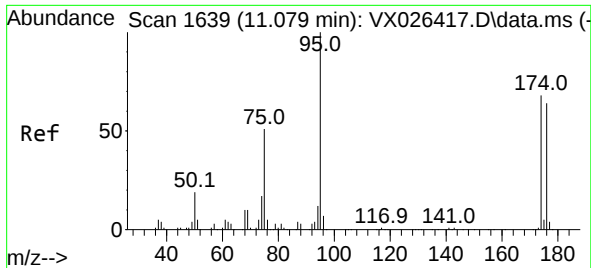
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 171.8 30.5 45.7#



#52
Toluene
Concen: 0.291 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 92 Resp: 1047
Ion Ratio Lower Upper
92 100
91 157.0 135.7 203.5

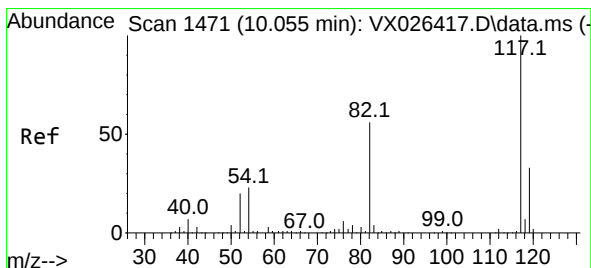
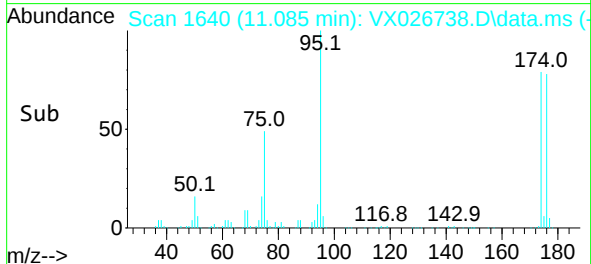
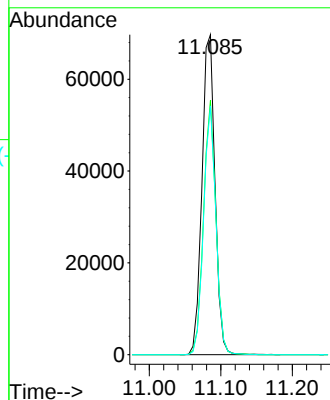
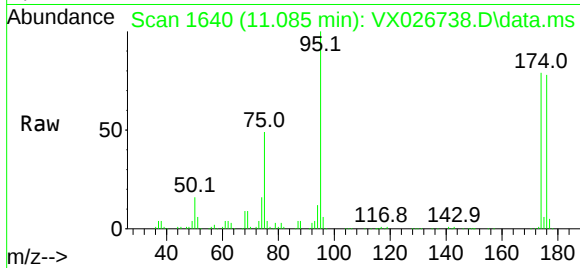




#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

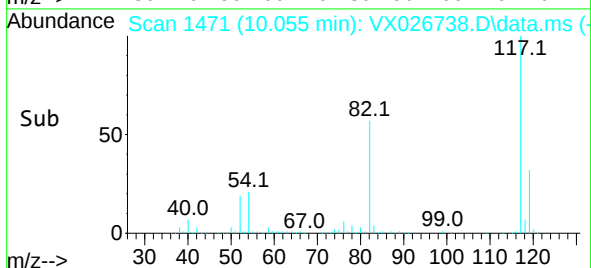
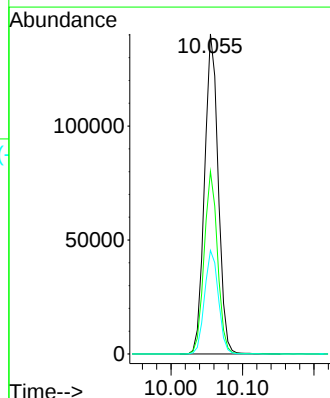
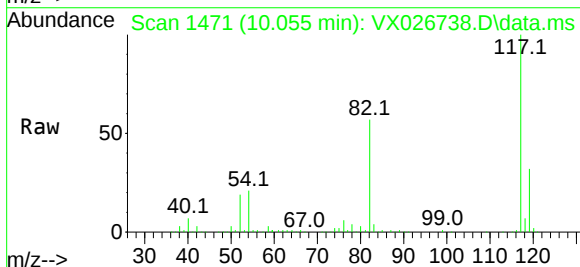
Instrument :
MSVOA_X
ClientSampleId :
MID0222

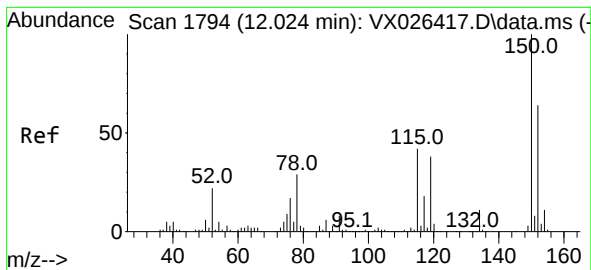
Tgt Ion: 95 Resp: 88221
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 73.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 117 Resp: 186381
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 32.3 26.2 39.2

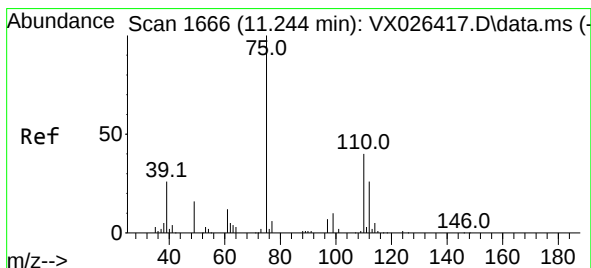
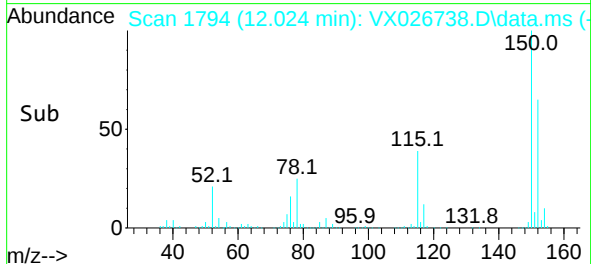
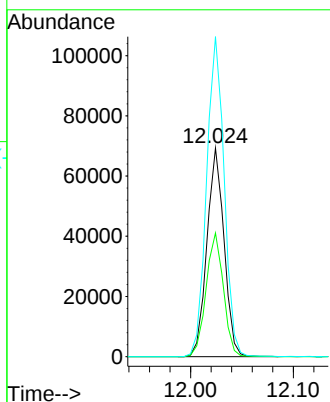
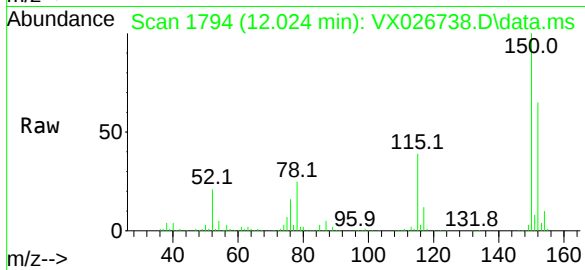




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026738.D
 Acq: 02 Feb 2022 15:47

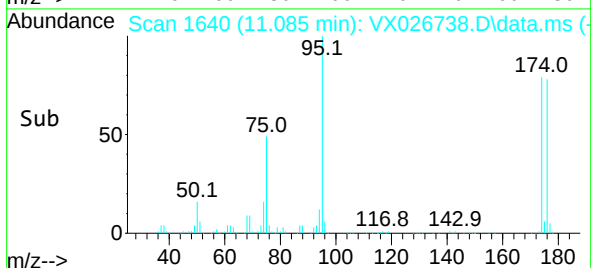
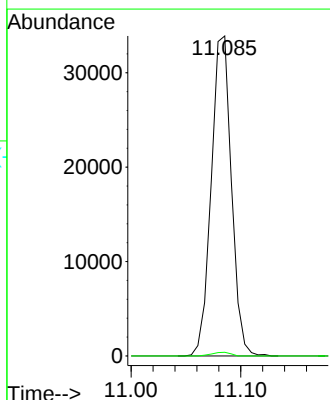
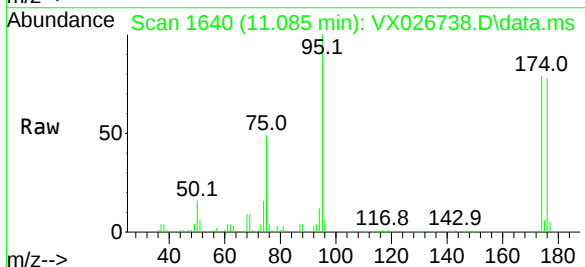
Instrument :
 MSVOA_X
 ClientSampleId :
 MID0222

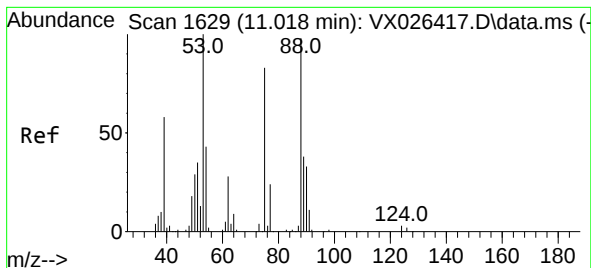
Tgt Ion:152 Resp: 80287
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.2 132.6
 150 157.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.551 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX026738.D
 Acq: 02 Feb 2022 15:47

Tgt Ion: 75 Resp: 43400
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

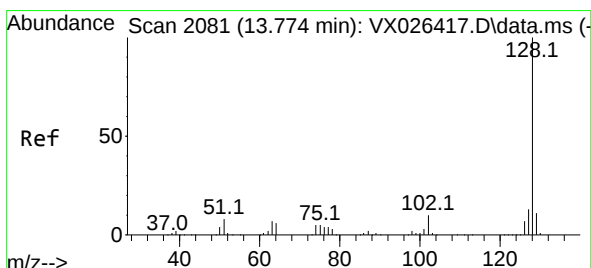
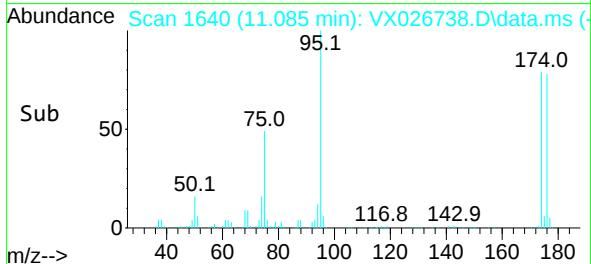
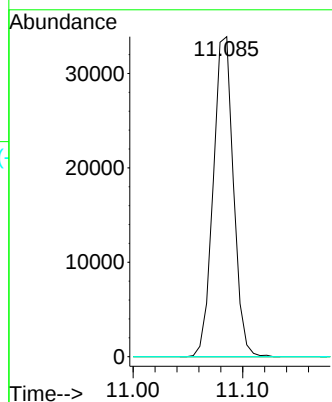
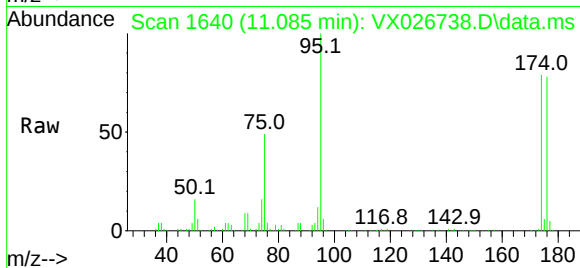




#81
trans-1,4-Dichloro-2-butene
Concen: 74.715 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
MID0222

Tgt Ion: 75 Resp: 43400
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 0.458 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026738.D
Acq: 02 Feb 2022 15:47

Tgt Ion: 128 Resp: 2616
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.2 8.7 13.1

