

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023160.D
 Acq On : 07 Jul 2021 10:12
 Operator : JC/MD
 Sample : VX0707WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:15:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

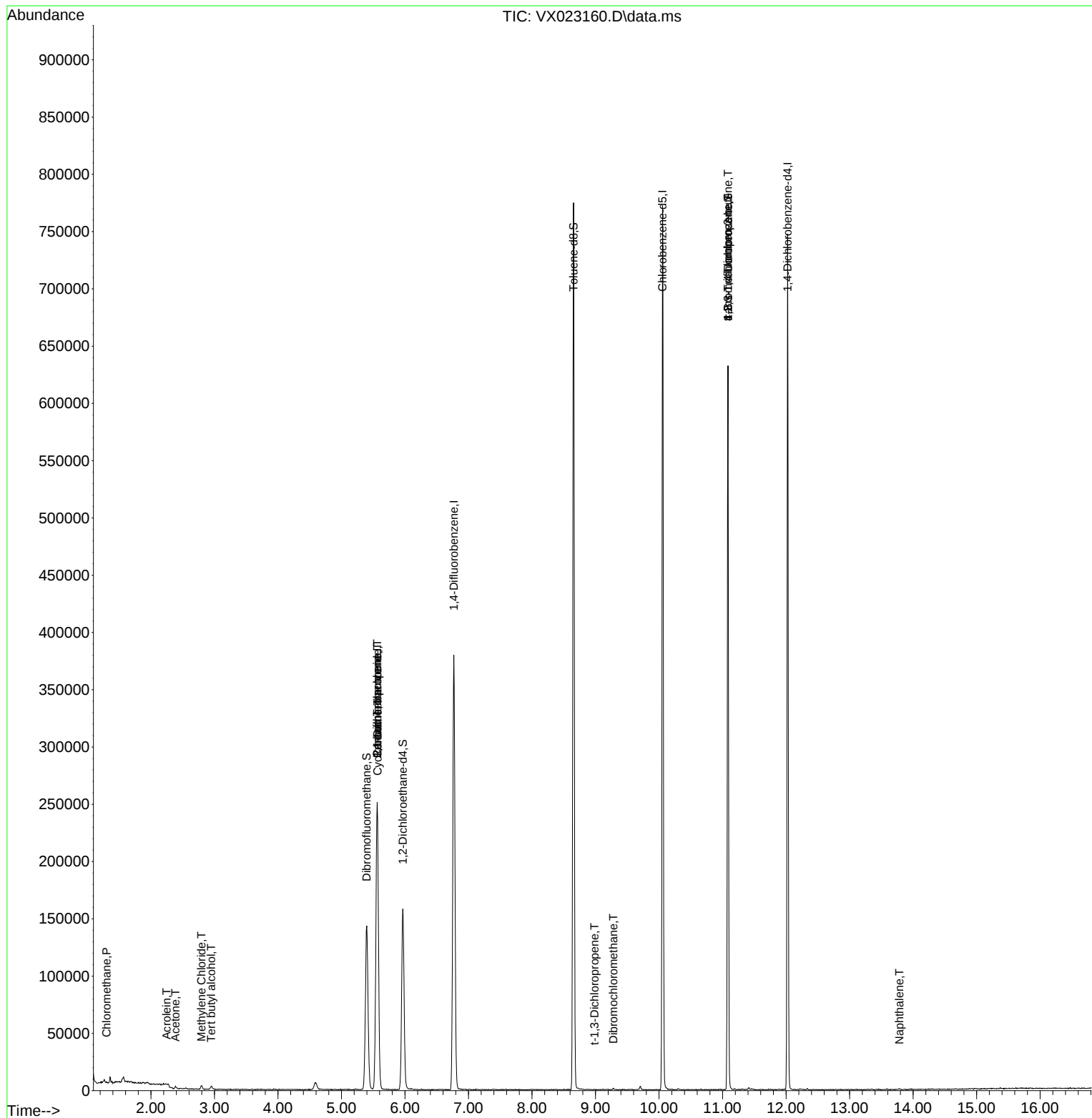
Internal Standards						
1) Pentafluorobenzene	5.562	168	230612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	383625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160106	51.657	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.320%
35) Dibromofluoromethane	5.397	113	122780	49.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	8.653	98	453735	49.101	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.085	95	165970	46.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	476	0.230	ug/l #	40
5) Bromomethane	1.618	94	962	Below Cal	#	64
11) Tert butyl alcohol	2.947	59	1701	2.609	ug/l #	78
13) Acrolein	2.246	56	145	0.334	ug/l	87
16) Acetone	2.386	43	1731	1.412	ug/l #	80
20) Methylene Chloride	2.794	84	1437	0.544	ug/l #	79
31) Cyclohexane	5.568	56	5365	1.446	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	18334	5.361	ug/l #	50
38) Carbon Tetrachloride	5.562	117	24372	6.827	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	89	2.756	ug/l #	44
60) Dibromochloromethane	9.281	129	33	3.123	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	85672	28.689	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	85672	77.239	ug/l #	12
95) Naphthalene	13.786	128	587	1.327	ug/l #	69

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

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

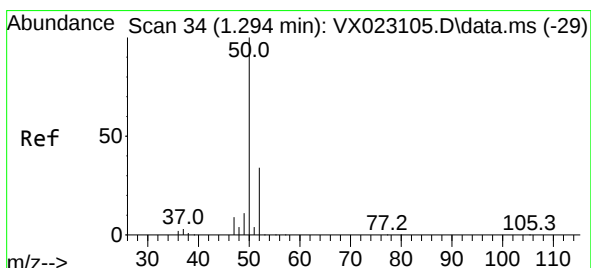
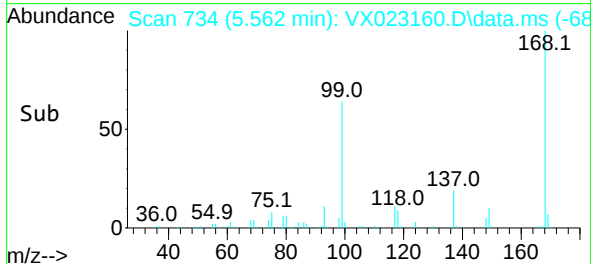
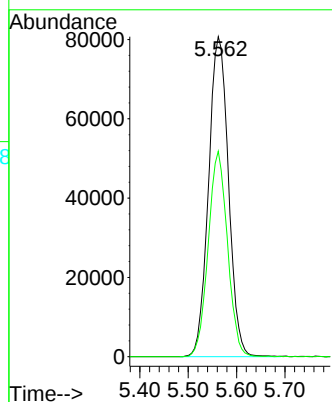
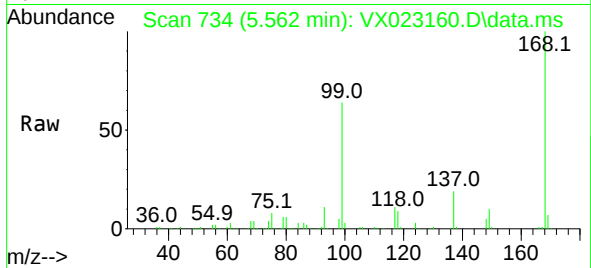




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

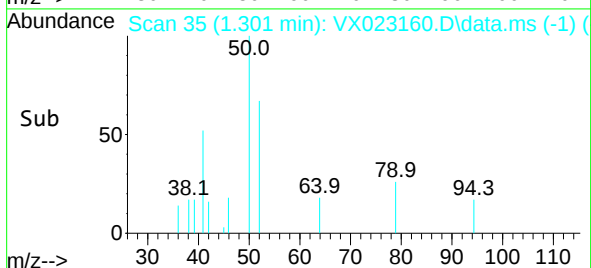
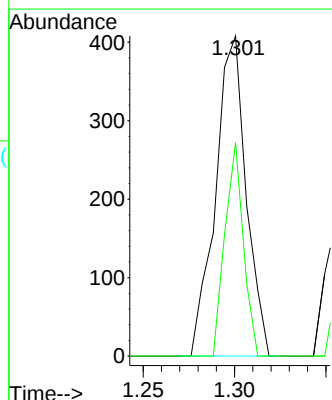
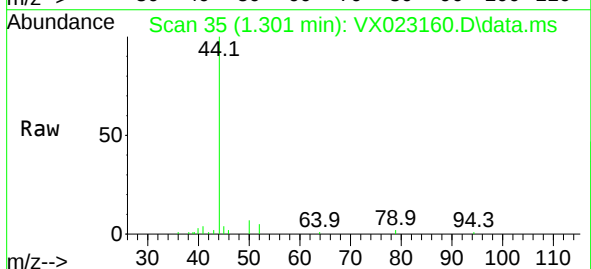
Instrument :
MSVOA_X
ClientSampled :

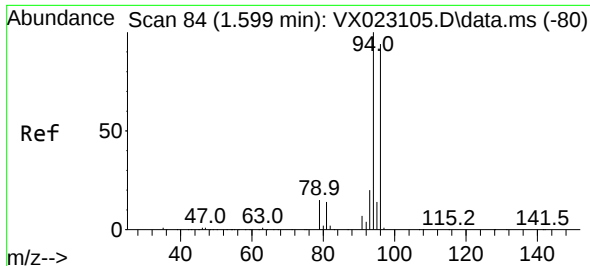
Tgt Ion:168 Resp: 230612
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 66.7 26.4 39.6#

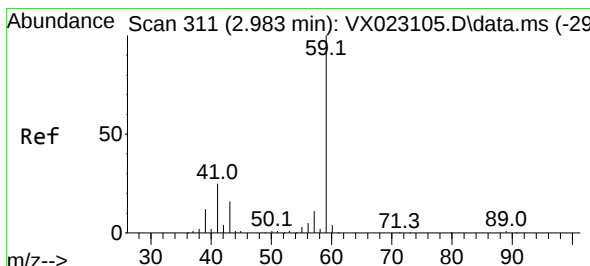
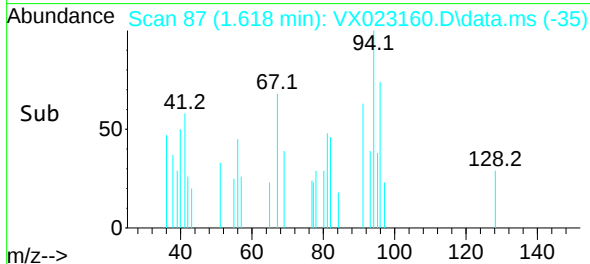
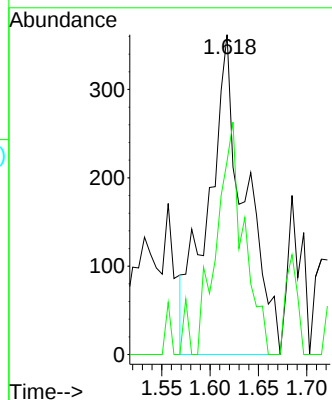
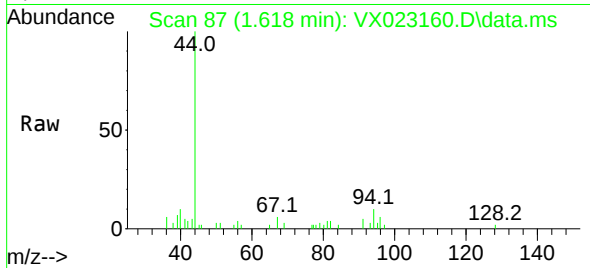




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

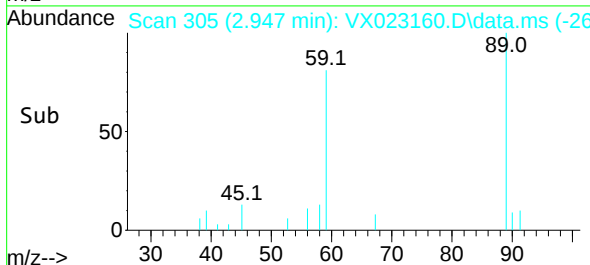
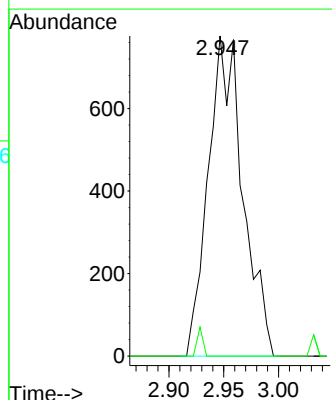
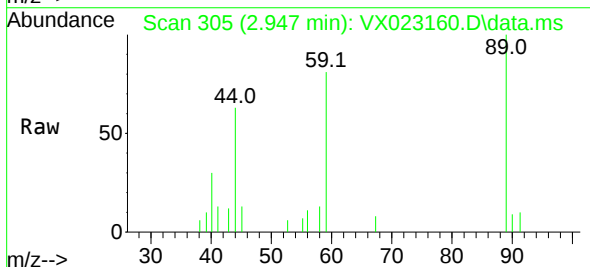
Instrument :
MSVOA_X
ClientSampled :

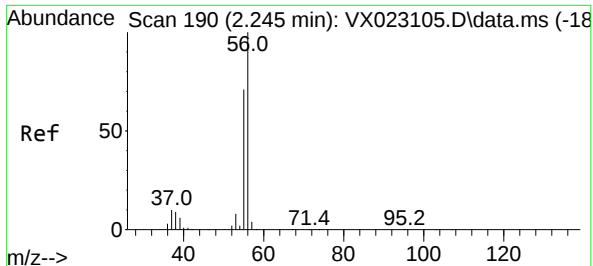
Tgt Ion: 94 Resp: 962
Ion Ratio Lower Upper
94 100
96 60.5 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.609 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

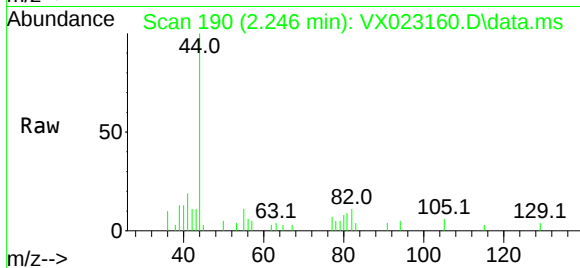
Tgt Ion: 59 Resp: 1701
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#



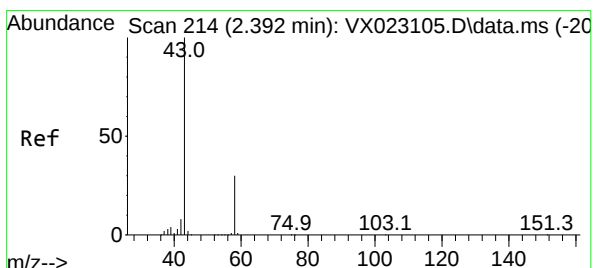
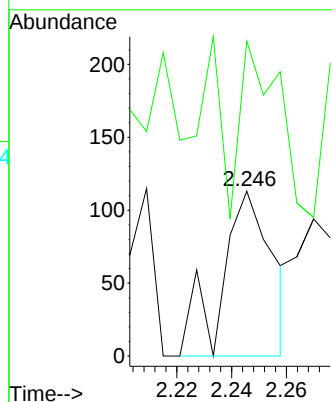
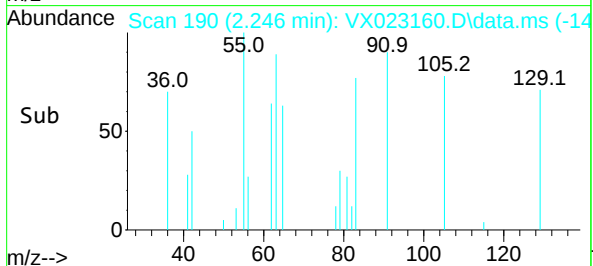


#13
Acrolein
Concen: 0.334 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

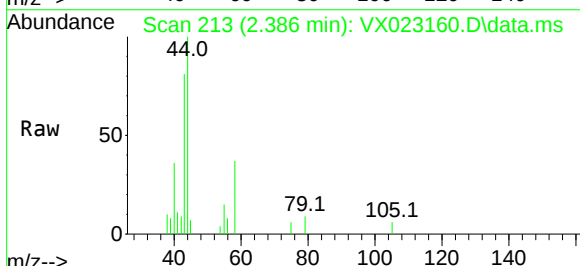
Instrument :
MSVOA_X
ClientSampleId :



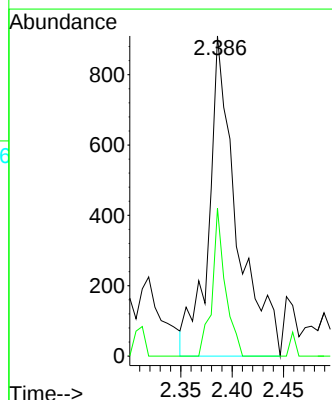
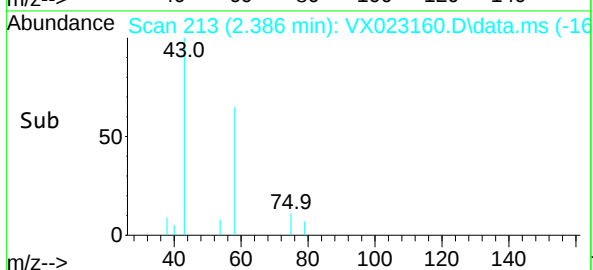
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 81.4 56.4 84.6

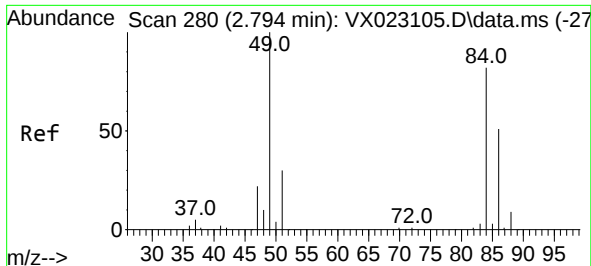


#16
Acetone
Concen: 1.412 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12



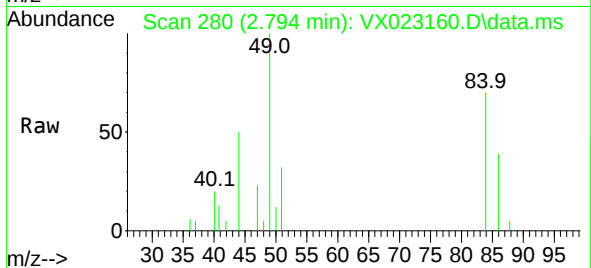
Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
58 46.2 27.8 41.8#



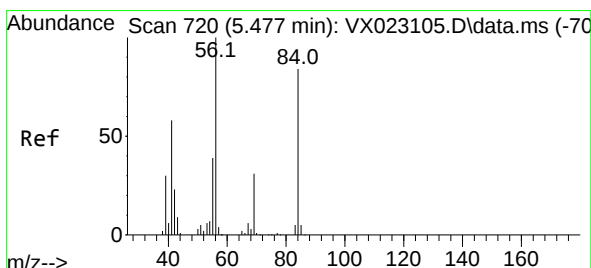
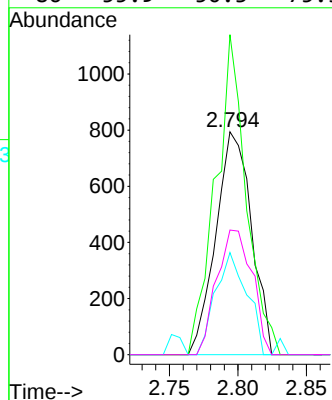
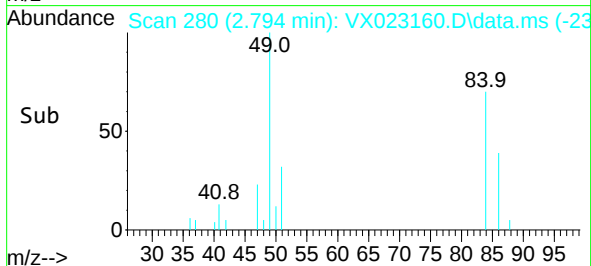


#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

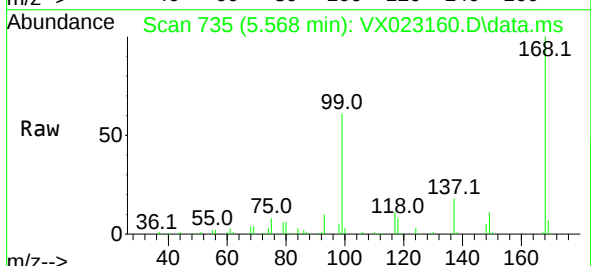
Instrument :
MSVOA_X
ClientSampled :



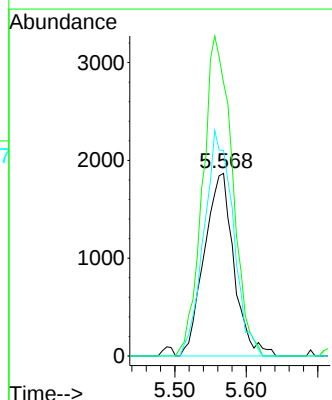
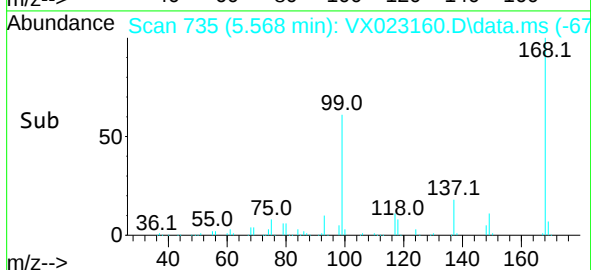
Tgt Ion:	84	Resp:	1437
Ion	Ratio	Lower	Upper
84	100		
49	143.6	88.6	132.8#
51	38.5	27.0	40.6
86	55.9	50.3	75.5

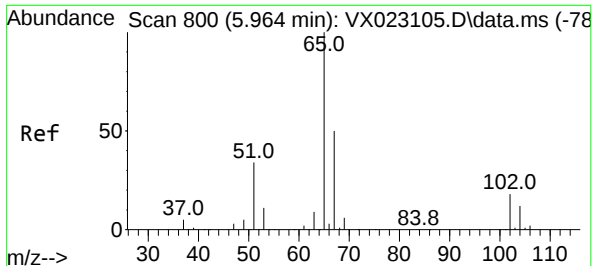


#31
Cyclohexane
Concen: 1.446 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12



Tgt Ion:	56	Resp:	5365
Ion	Ratio	Lower	Upper
56	100		
69	149.6	25.3	37.9#
84	112.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.657 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023160.D

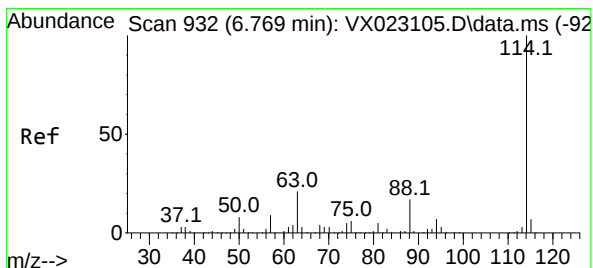
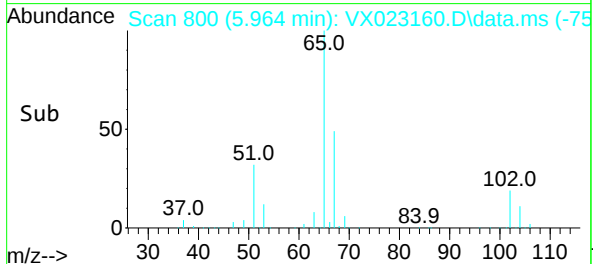
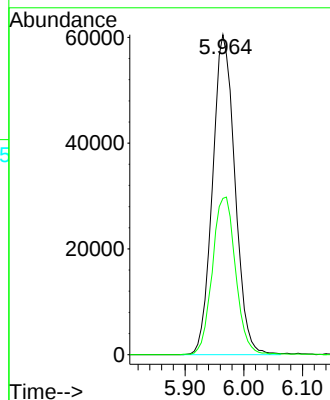
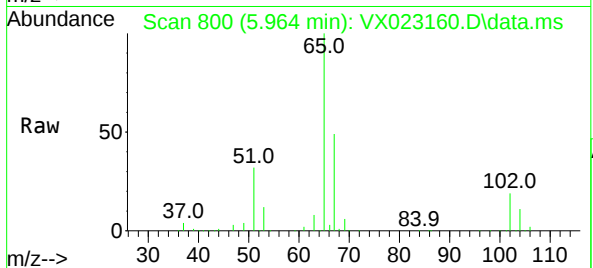
Acq: 07 Jul 2021 10:12

Tgt Ion: 65 Resp: 160106

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023160.D

Acq: 07 Jul 2021 10:12

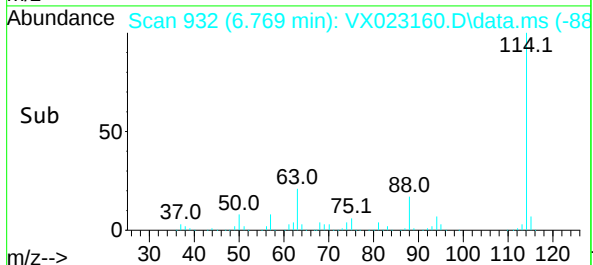
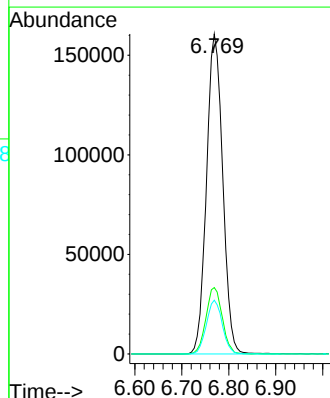
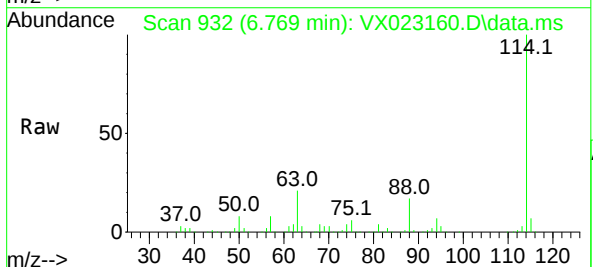
Tgt Ion: 114 Resp: 383625

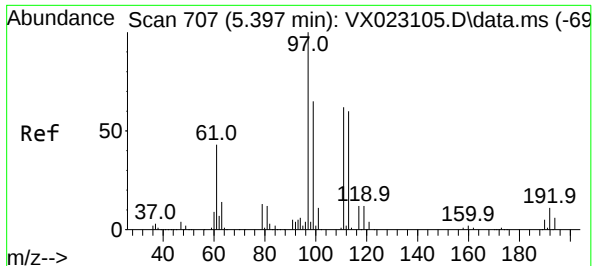
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 16.8 0.0 32.8

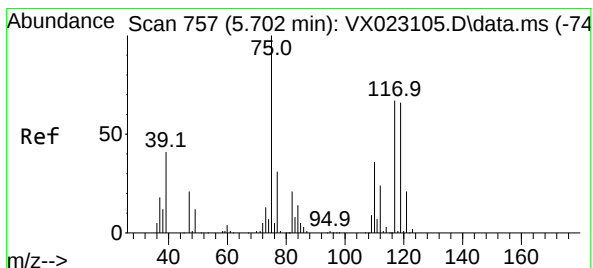
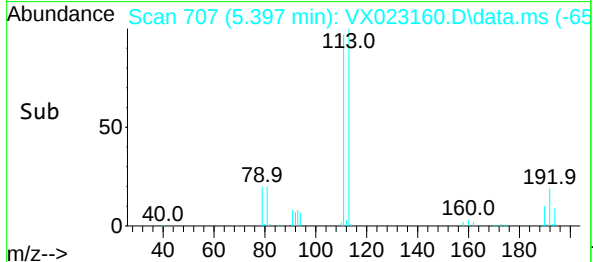
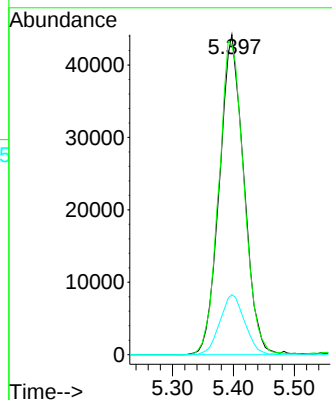
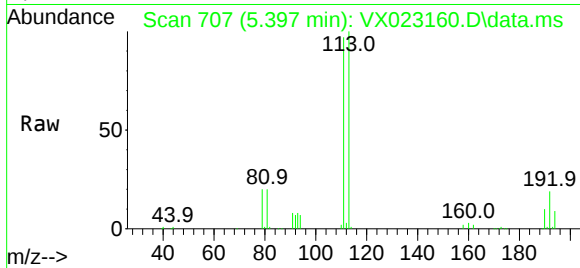




#35
Dibromofluoromethane
Concen: 49.562 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

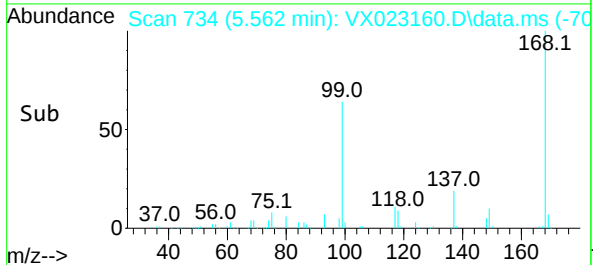
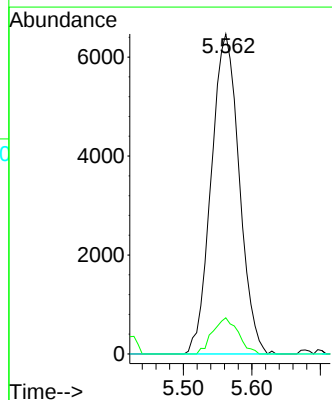
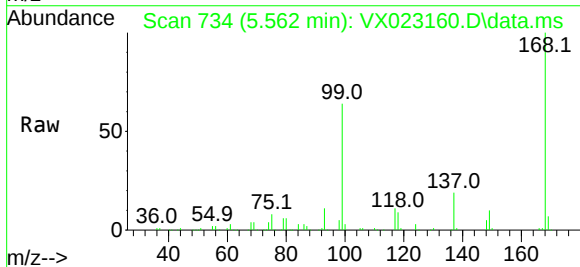
Instrument :
MSVOA_X
ClientSampled :

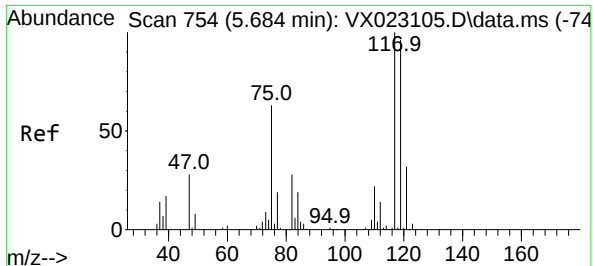
Tgt Ion:113 Resp: 122780
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.361 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

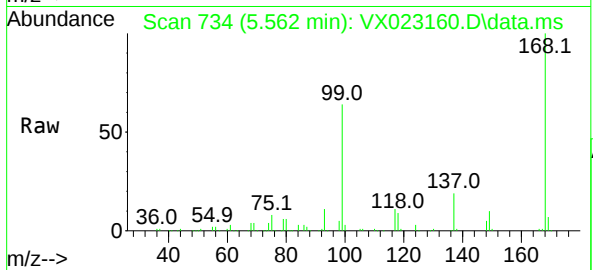
Tgt Ion: 75 Resp: 18334
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



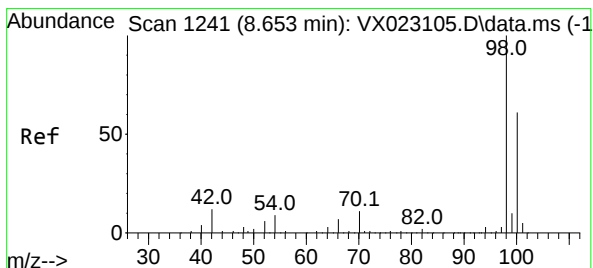
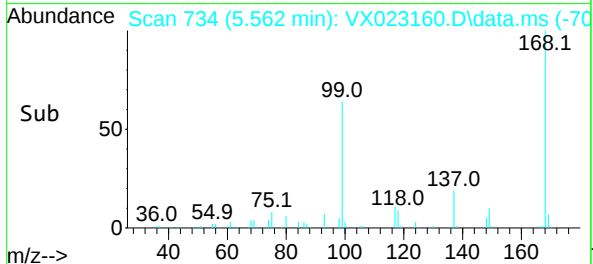
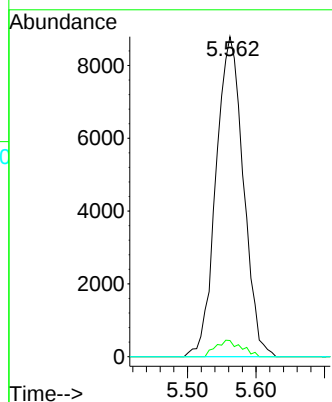


#38
Carbon Tetrachloride
Concen: 6.827 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Instrument :
MSVOA_X
ClientSampled :

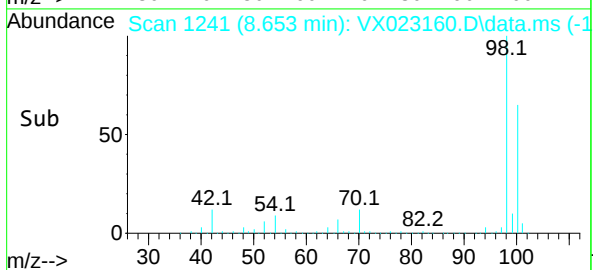
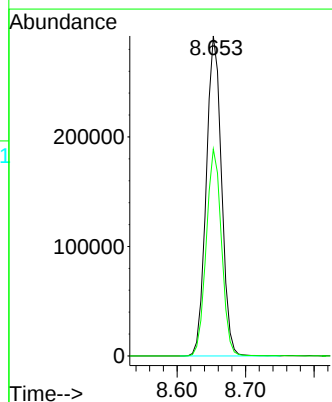
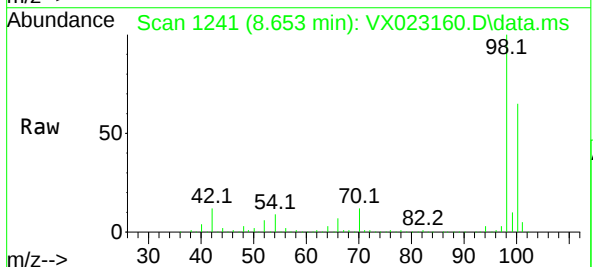


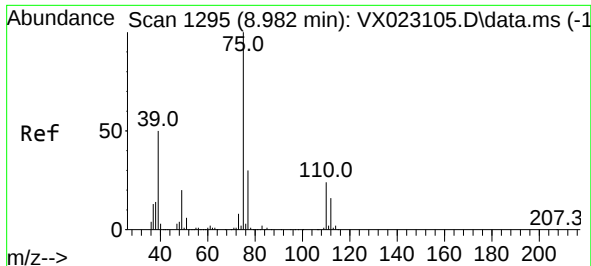
Tgt Ion:117 Resp: 24372
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Tgt Ion: 98 Resp: 453735
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

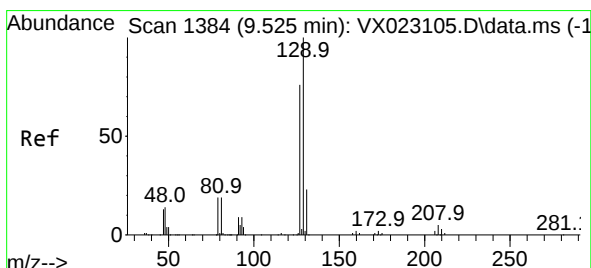
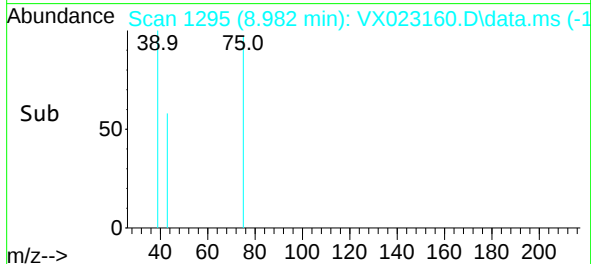
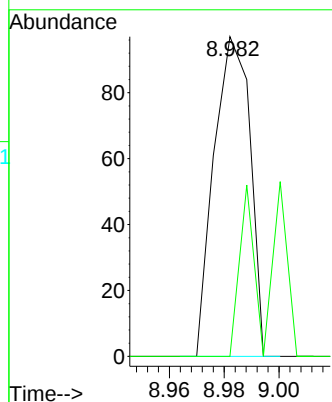
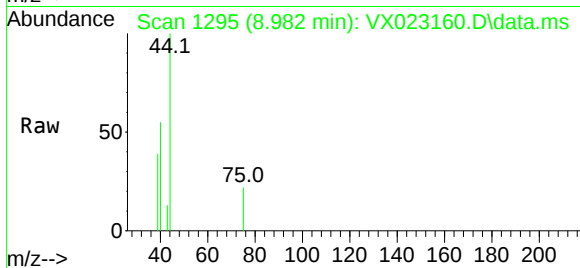




#53
t-1,3-Dichloropropene
Concen: 2.756 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

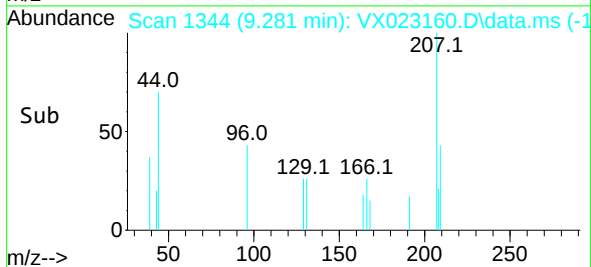
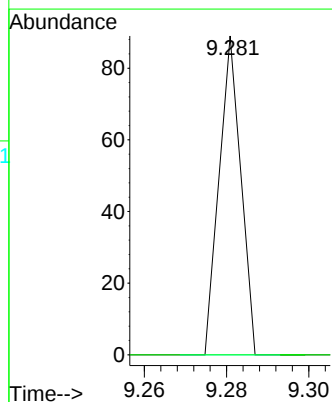
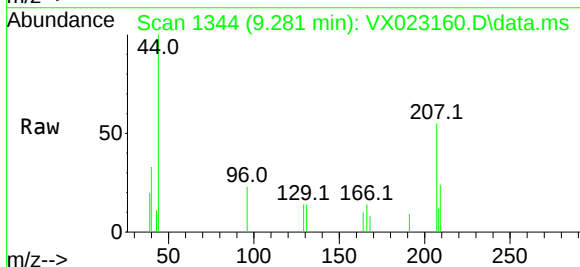
Instrument :
MSVOA_X
ClientSampled :

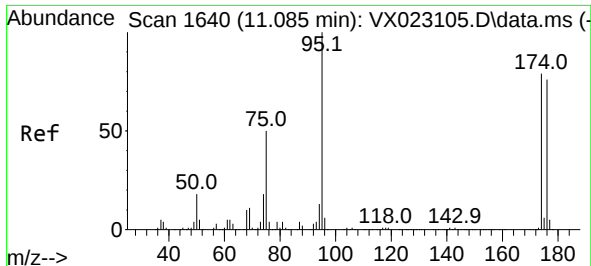
Tgt Ion: 75 Resp: 89
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 3.123 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Tgt Ion: 129 Resp: 33
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

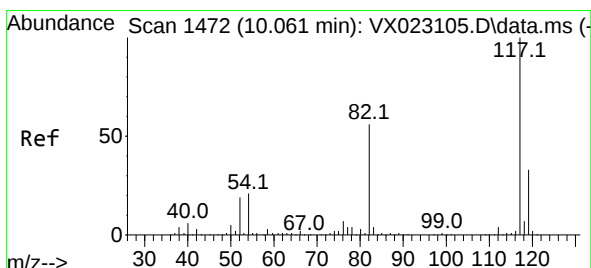
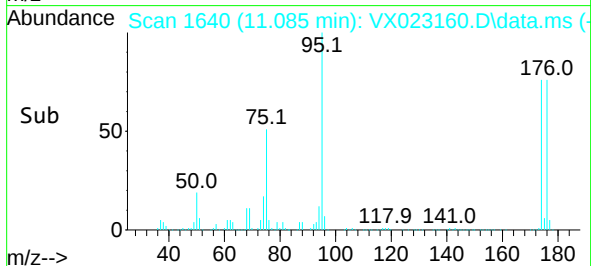
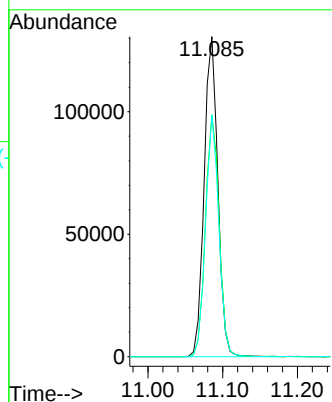
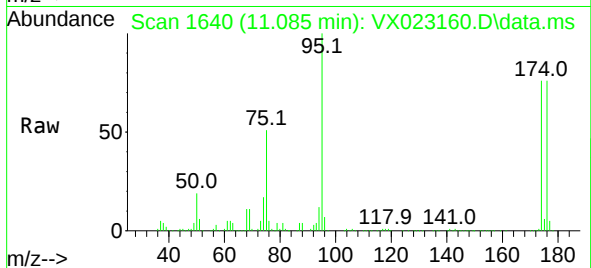




#62
4-Bromofluorobenzene
Concen: 46.523 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

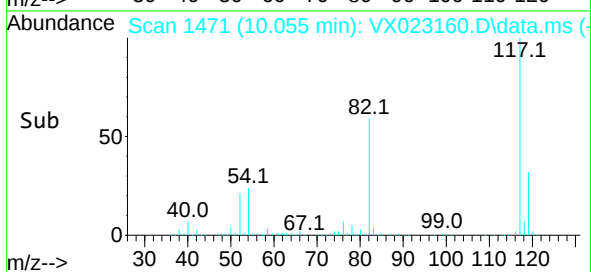
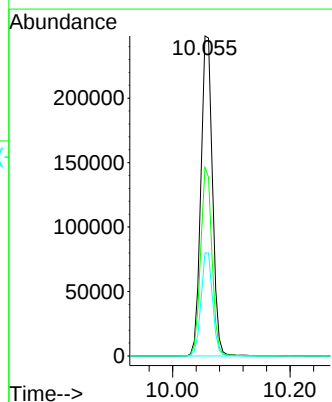
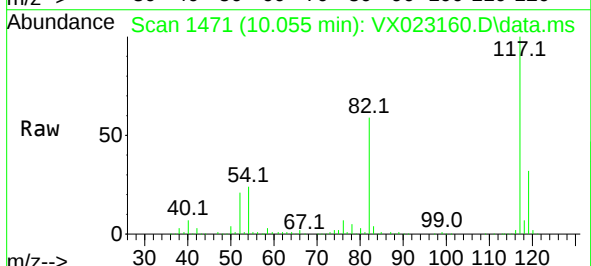
Instrument :
MSVOA_X
ClientSampled :

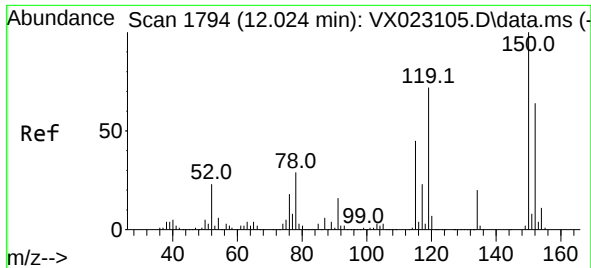
Tgt Ion: 95 Resp: 165970
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Tgt Ion: 117 Resp: 340568
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.2 26.6 39.8

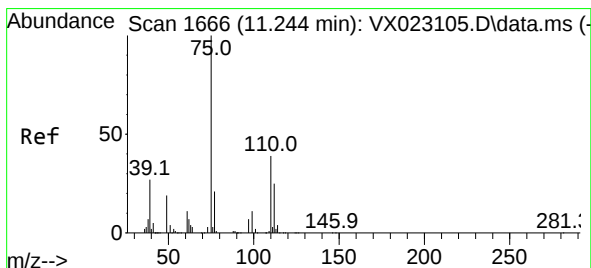
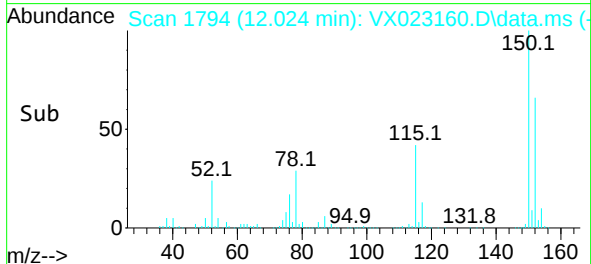
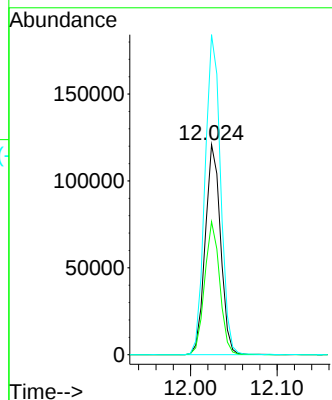
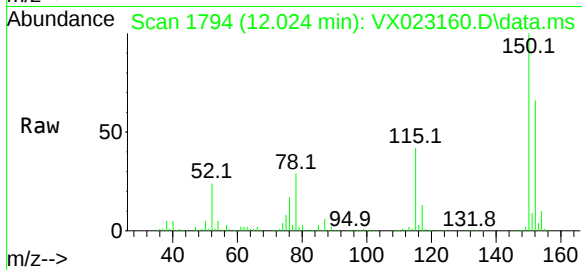




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

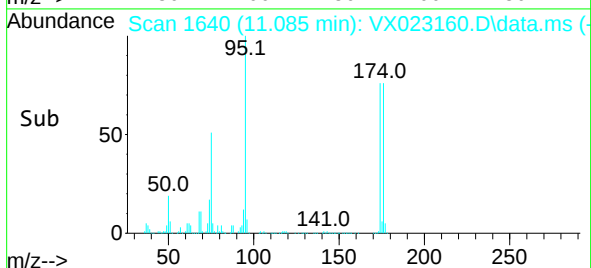
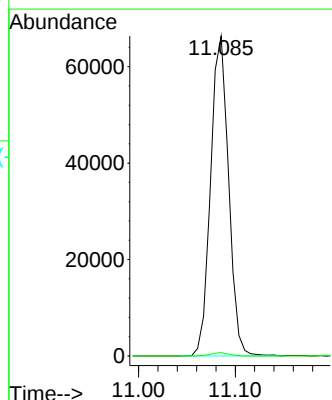
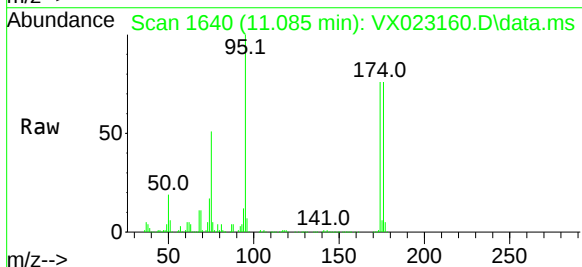
Instrument :
MSVOA_X
ClientSampled :

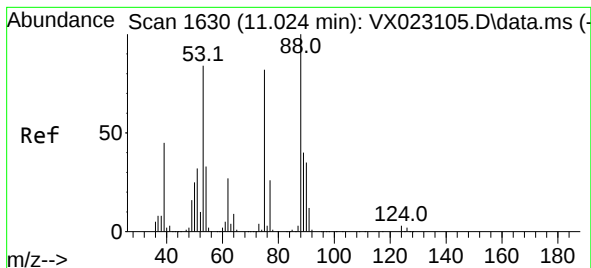
Tgt Ion:152 Resp: 148395
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 154.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.689 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Tgt Ion: 75 Resp: 85672
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

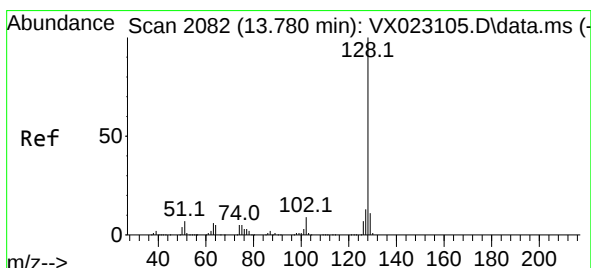
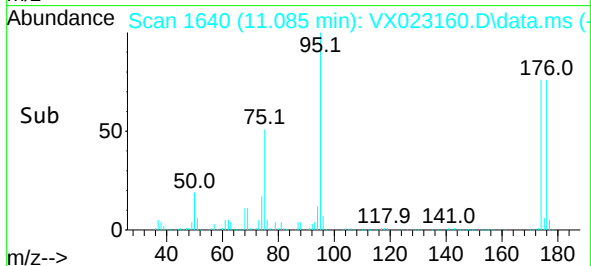
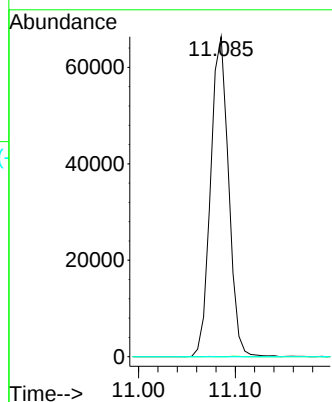
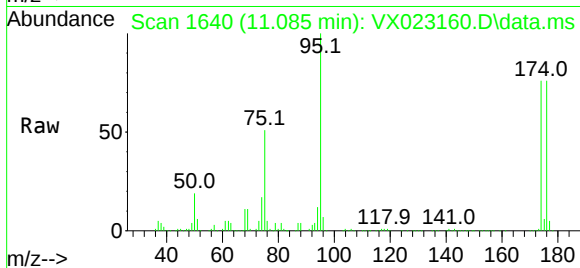




#81
trans-1,4-Dichloro-2-butene
Concen: 77.239 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 85672
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.327 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023160.D
Acq: 07 Jul 2021 10:12

Tgt Ion: 128 Resp: 587
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

