

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025423.D
 Acq On : 02 Dec 2021 13:09
 Operator : JC/MD
 Sample : M4853-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:06:03 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)

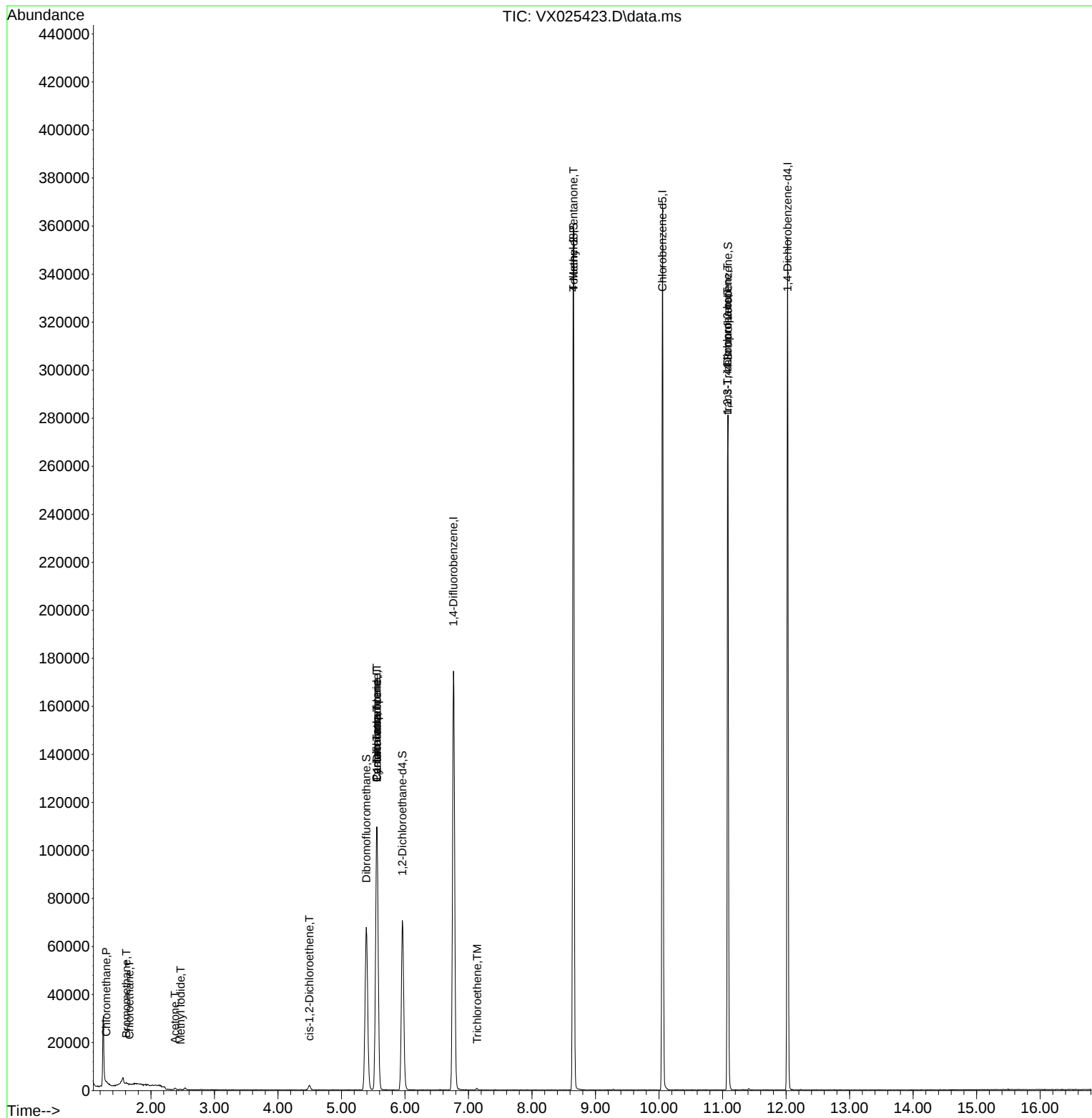
Internal Standards						
1) Pentafluorobenzene	5.556	168	112429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65830	55.549	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.100%
35) Dibromofluoromethane	5.391	113	58808	50.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	8.653	98	217559	49.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.085	95	76662	46.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	284	0.235	ug/l #	42
5) Bromomethane	1.612	94	217	0.381	ug/l	90
6) Chloroethane	1.660	64	311	0.340	ug/l #	43
10) Methyl Iodide	2.465	142	307	0.235	ug/l #	71
16) Acetone	2.380	43	761	1.156	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	1161	0.871	ug/l	99
31) Cyclohexane	5.556	56	2155	1.177	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7605	4.596	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10806	5.929	ug/l #	17
44) Trichloroethene	7.135	130	303	0.208	ug/l	83
51) 4-Methyl-2-Pentanone	8.653	43	971	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36814	23.676	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36814	59.645	ug/l #	9
95) Naphthalene	13.780	128	32	Below Cal	#	69

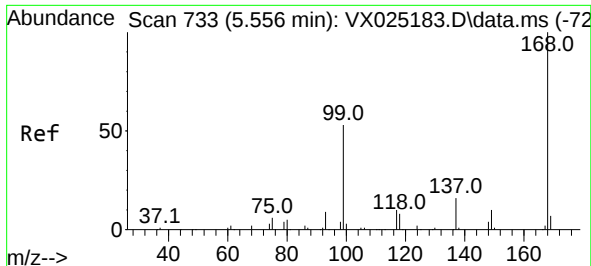
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
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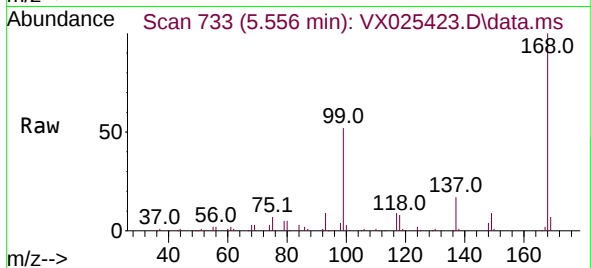
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



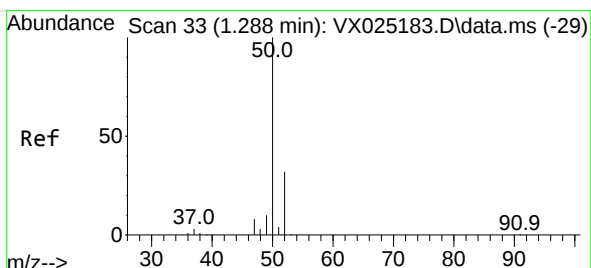
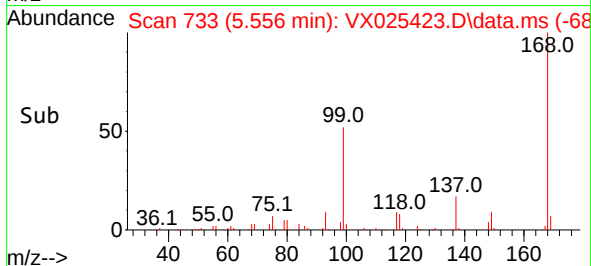
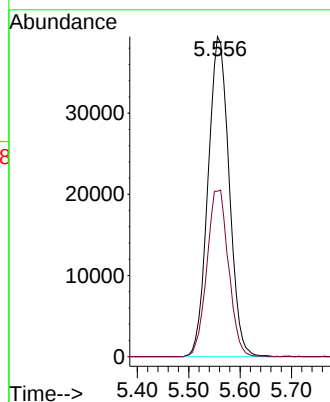


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :

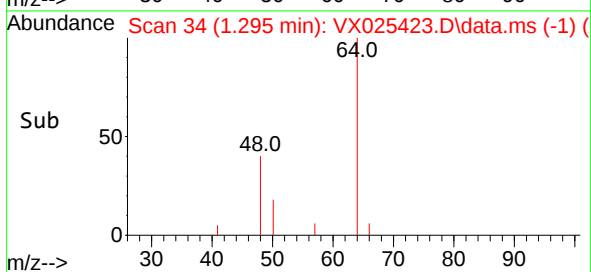
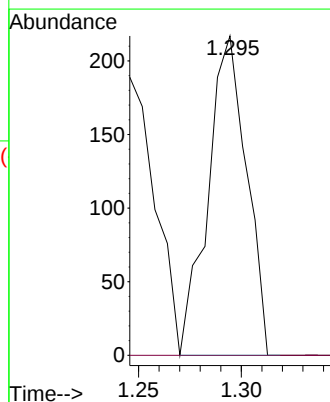
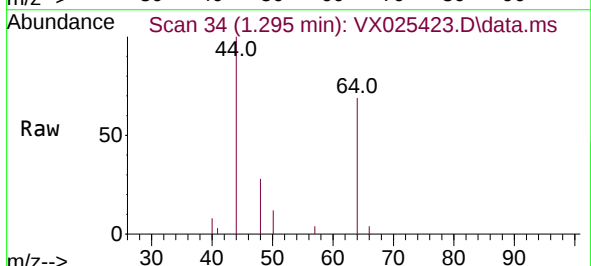


Tgt Ion:168 Resp: 112429
Ion Ratio Lower Upper
168 100
99 51.7 46.4 69.6



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Tgt Ion: 50 Resp: 284
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

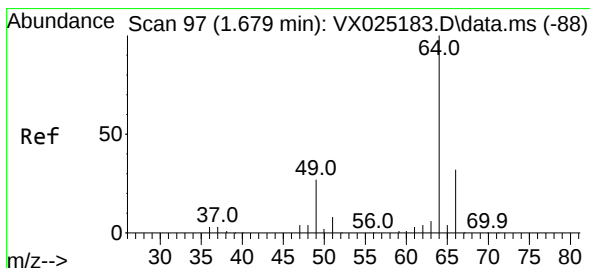
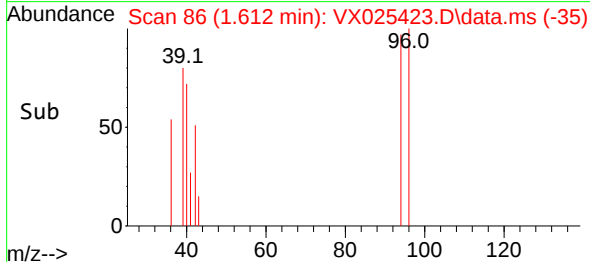
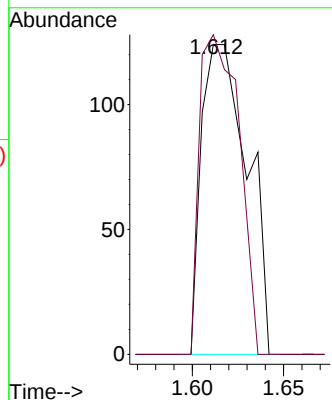
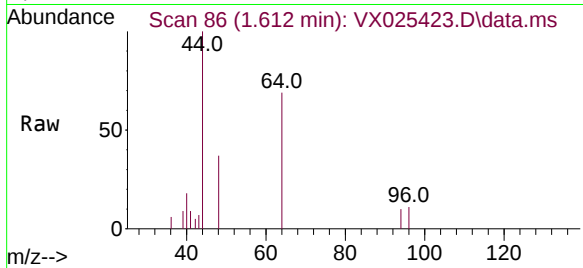




#5
Bromomethane
Concen: 0.381 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

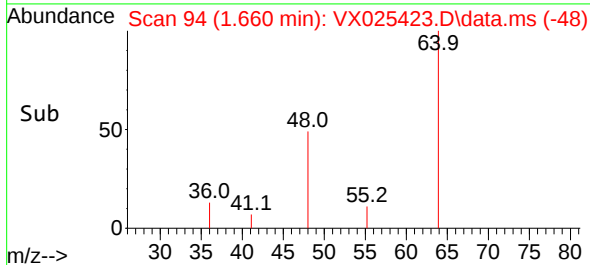
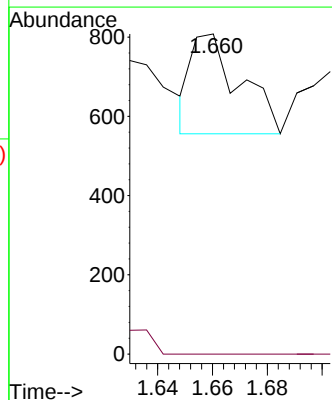
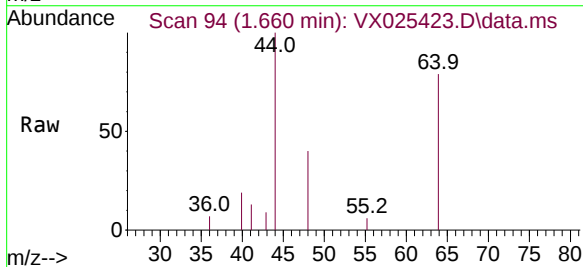
Instrument :
MSVOA_X
ClientSampleId :

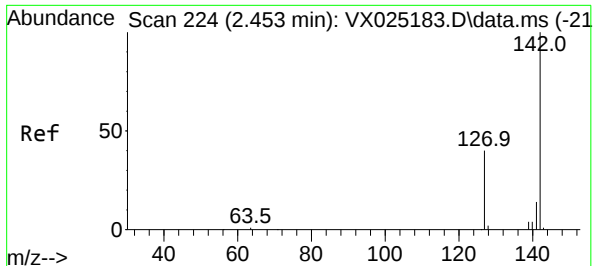
Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 103.2 74.8 112.2



#6
Chloroethane
Concen: 0.340 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

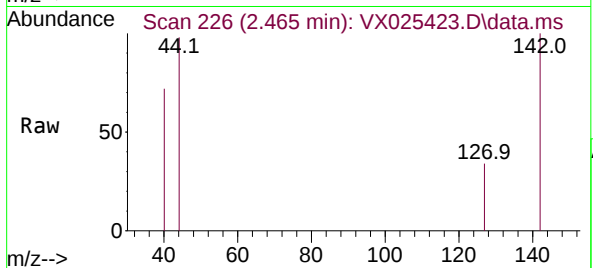
Tgt Ion: 64 Resp: 311
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



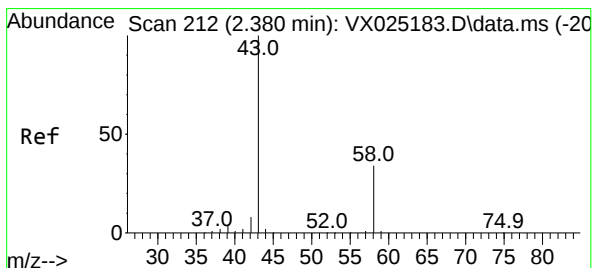
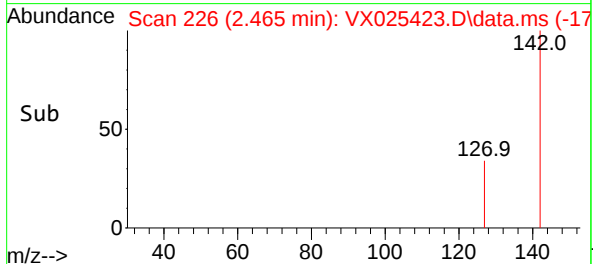
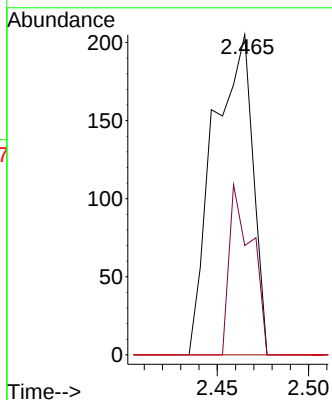


#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 2.465 min Scan# 210
Delta R.T. 0.012 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :

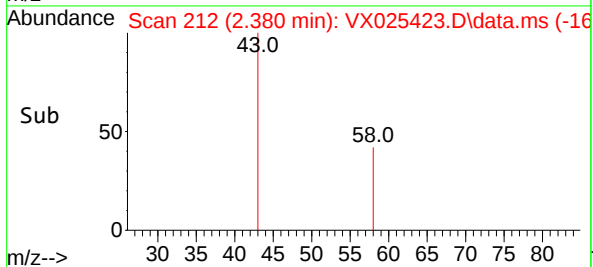
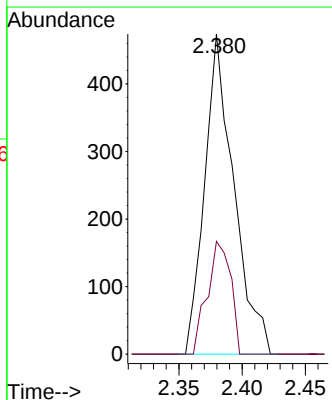
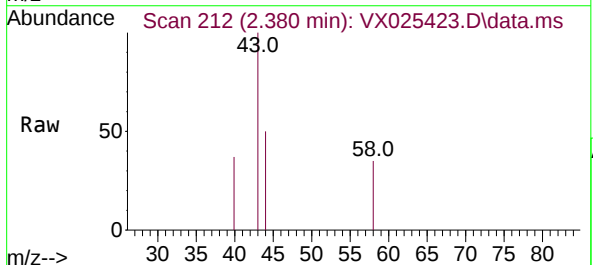


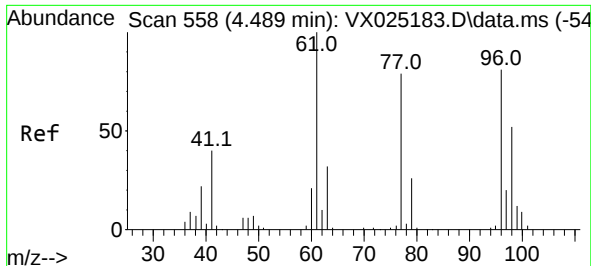
Tgt Ion:142 Resp: 307
Ion Ratio Lower Upper
142 100
127 30.3 38.9 58.3#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 1.156 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 35.2 24.0 36.0

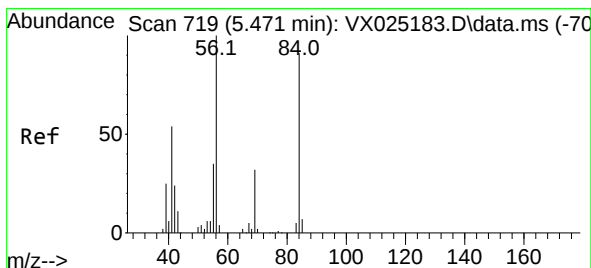
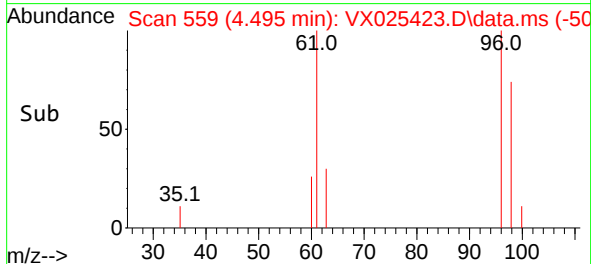
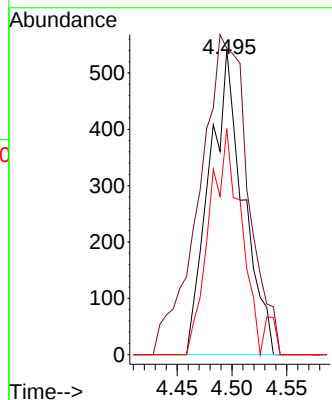
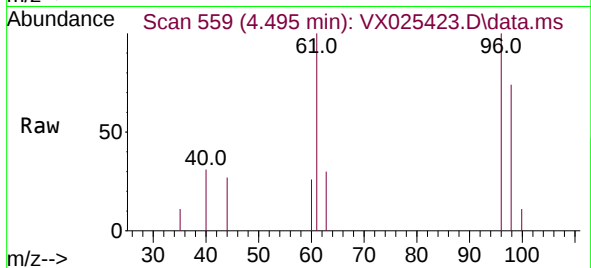




#27
 cis-1,2-Dichloroethene
 Concen: 0.871 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX025423.D
 Acq: 02 Dec 2021 13:09

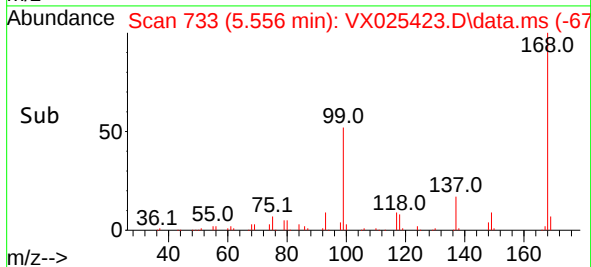
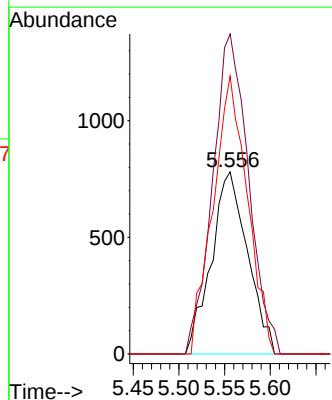
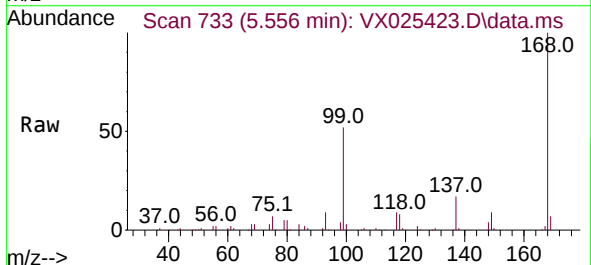
Instrument :
 MSVOA_X
 ClientSampleId :

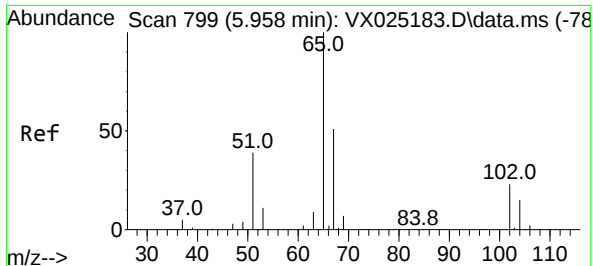
Tgt Ion: 96	Resp: 1161
Ion Ratio	Lower Upper
96 100	
61 151.3	0.0 302.2
98 68.5	0.0 131.4



#31
 Cyclohexane
 Concen: 1.177 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX025423.D
 Acq: 02 Dec 2021 13:09

Tgt Ion: 56	Resp: 2155		
Ion Ratio	Lower	Upper	
56	100		
69	175.7	24.2	36.2#
84	152.5	71.5	107.3#





#33

1,2-Dichloroethane-d4

Concen: 55.549 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025423.D

Acq: 02 Dec 2021 13:09

Instrument :

MSVOA_X

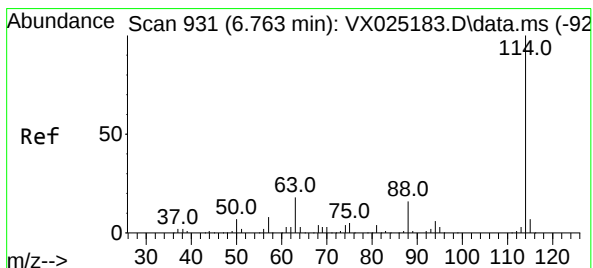
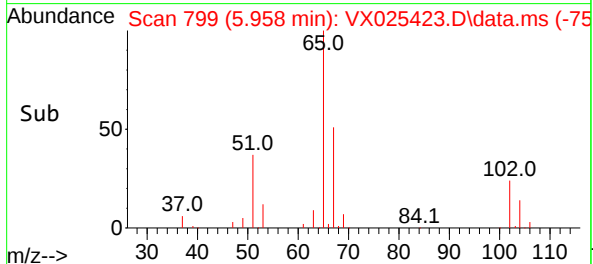
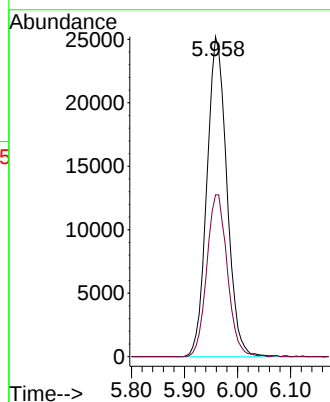
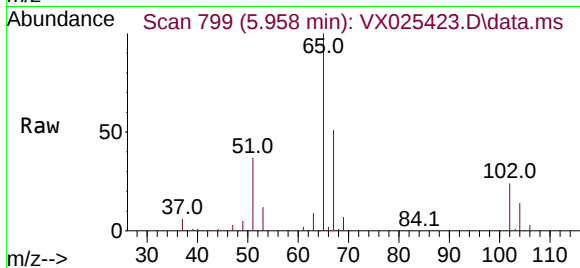
ClientSampleId :

Tgt Ion: 65 Resp: 65830

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: VX025423.D

Acq: 02 Dec 2021 13:09

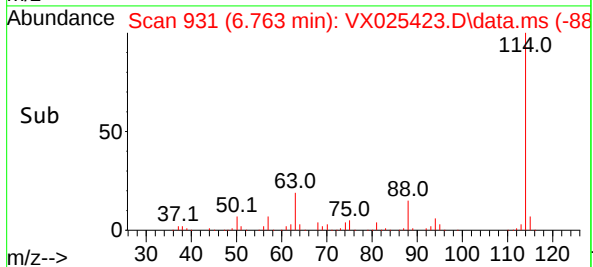
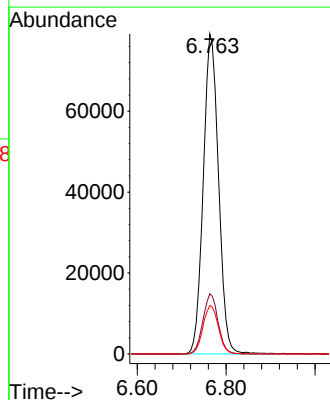
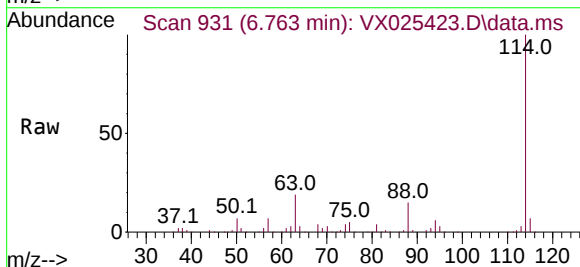
Tgt Ion: 114 Resp: 189655

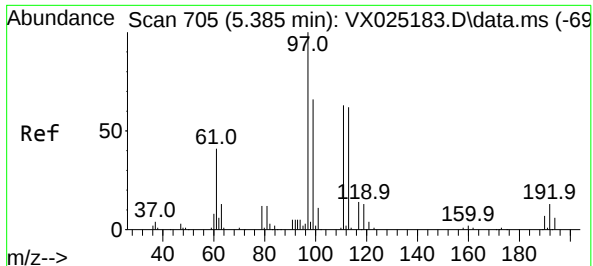
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.0

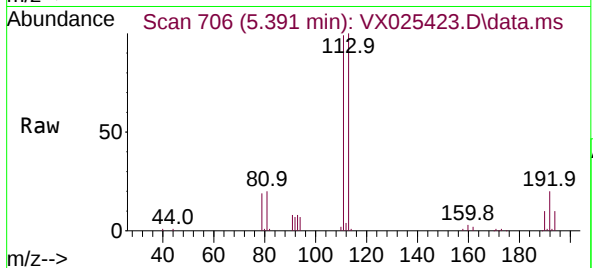
88 15.1 0.0 34.8



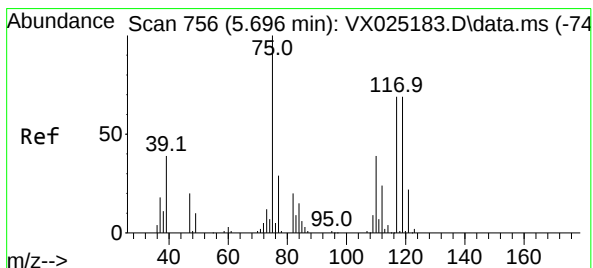
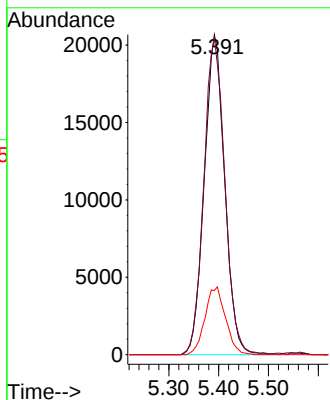
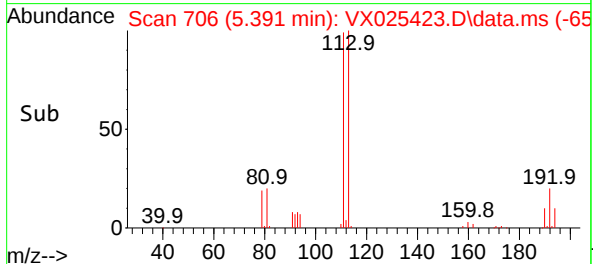


#35
Dibromofluoromethane
Concen: 50.537 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :

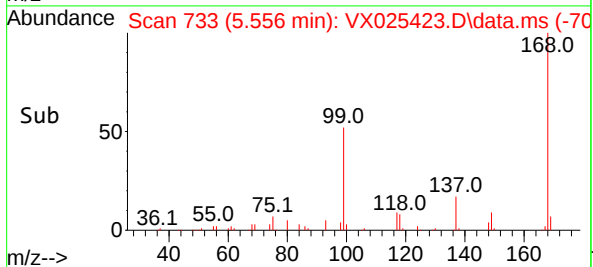
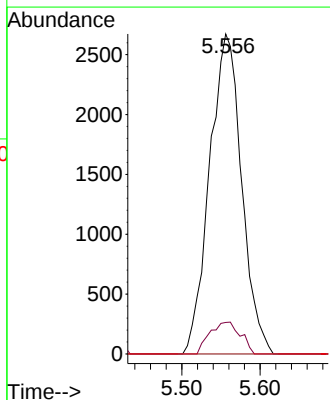
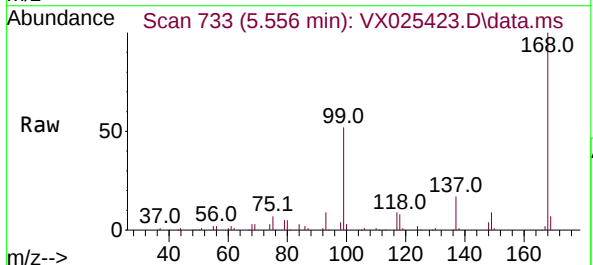


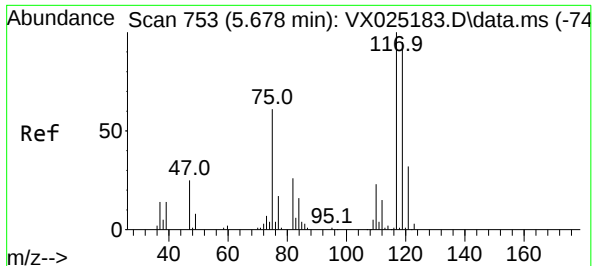
Tgt Ion:113 Resp: 58808
Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 21.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.596 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

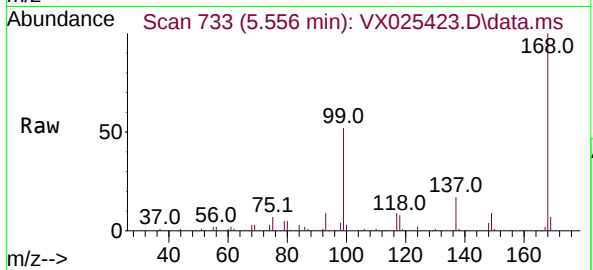
Tgt Ion: 75 Resp: 7605
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.4 36.6#



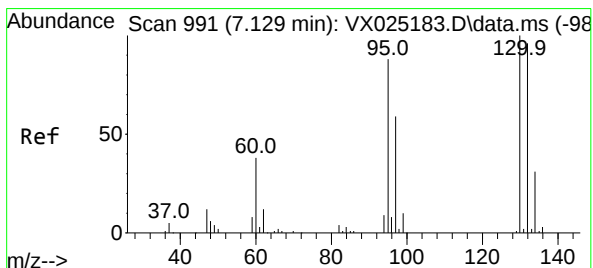
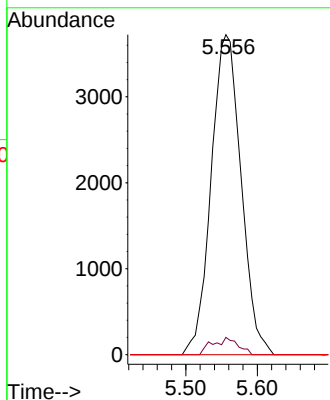
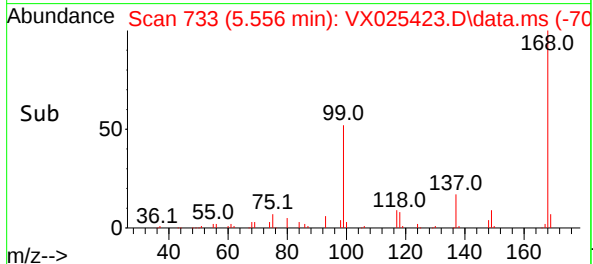


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :

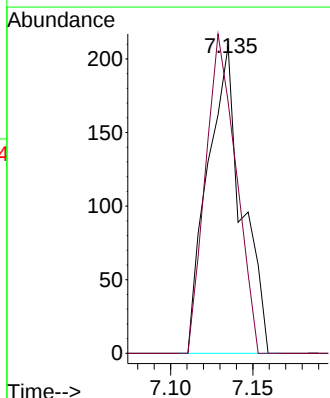
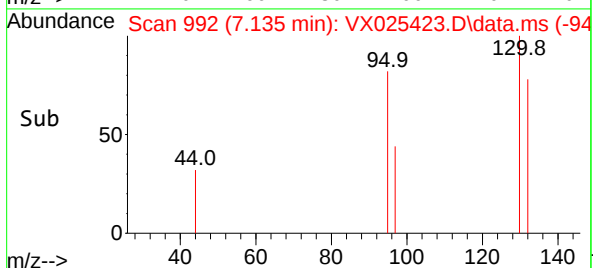
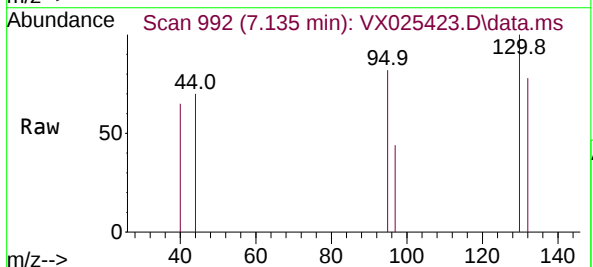


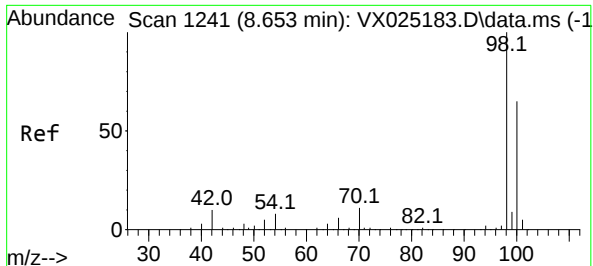
Tgt Ion:117 Resp: 10806
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 23.7 35.5#



#44
Trichloroethene
Concen: 0.208 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Tgt Ion:130 Resp: 303
Ion Ratio Lower Upper
130 100
95 81.8 0.0 196.8





#50

Toluene-d8

Concen: 49.725 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025423.D

Acq: 02 Dec 2021 13:09

Instrument :

MSVOA_X

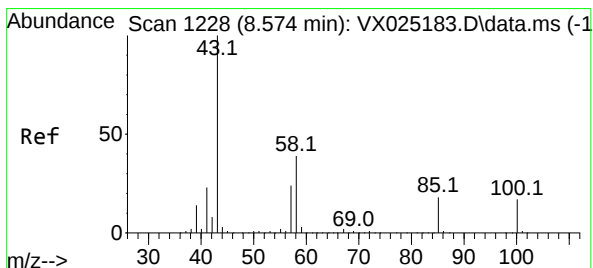
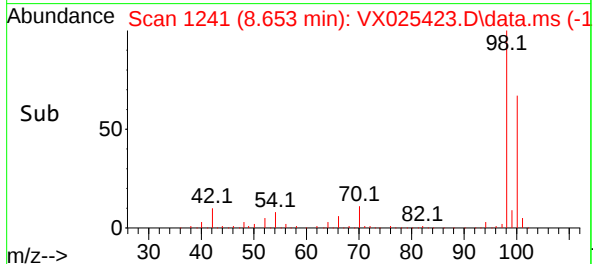
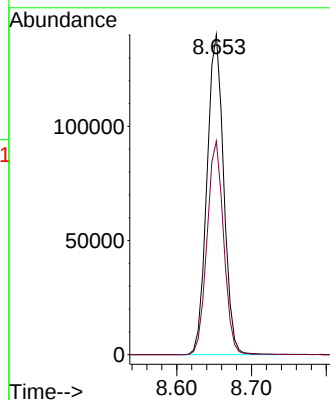
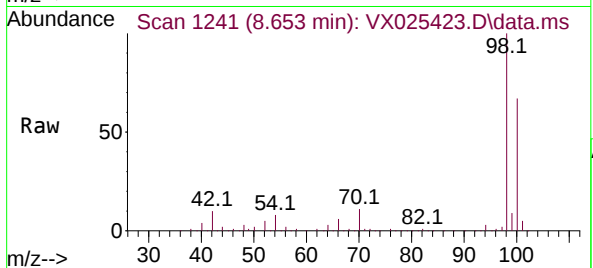
ClientSampleId :

Tgt Ion: 98 Resp: 217559

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.494 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX025423.D

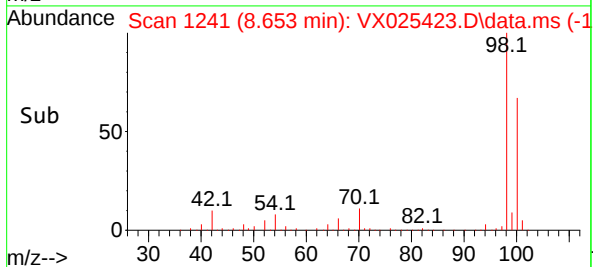
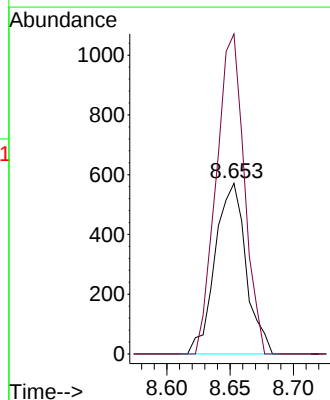
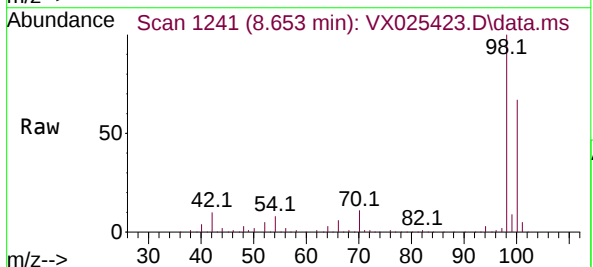
Acq: 02 Dec 2021 13:09

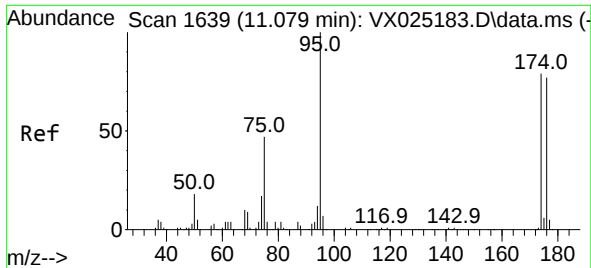
Tgt Ion: 43 Resp: 971

Ion Ratio Lower Upper

43 100

58 169.3 30.9 46.3#

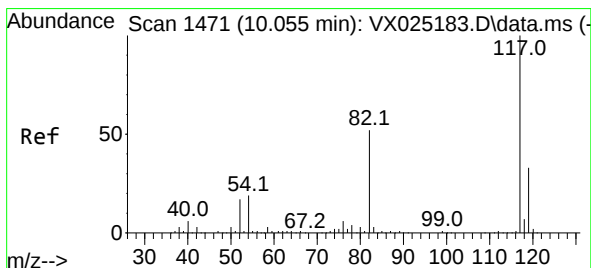
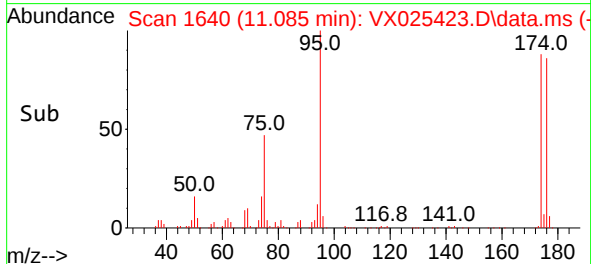
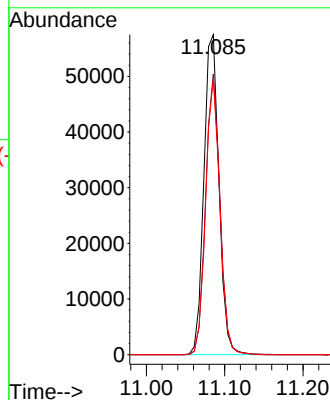
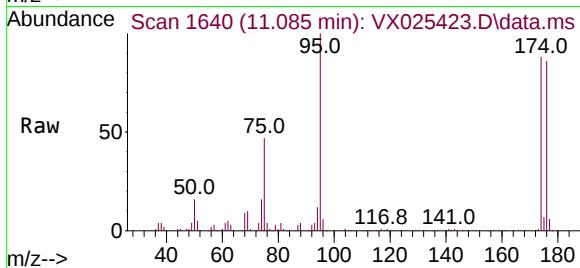




#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

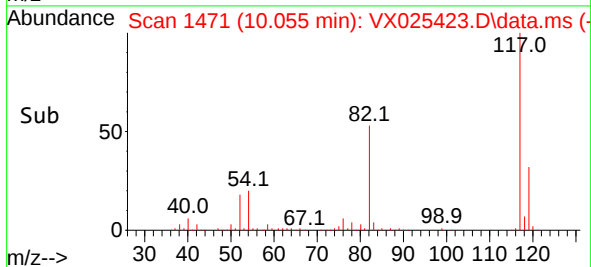
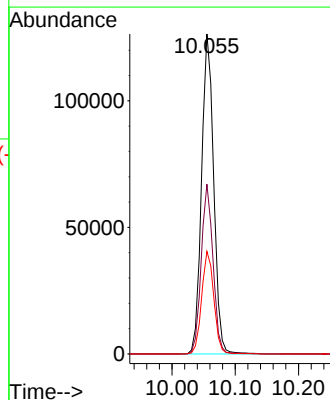
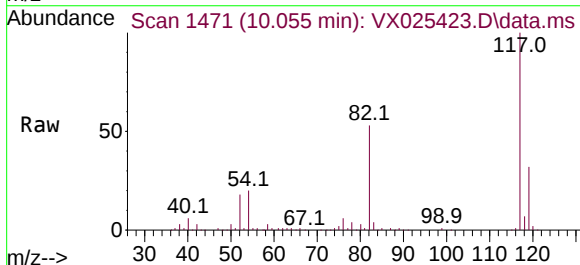
Instrument :
MSVOA_X
ClientSampleId :

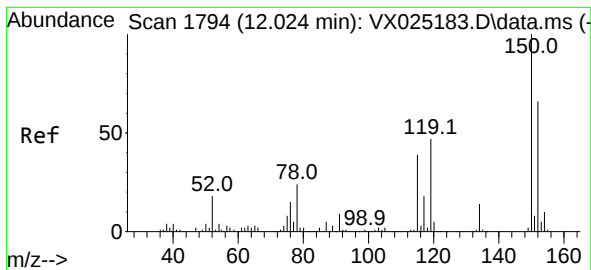
Tgt Ion: 95 Resp: 76662
Ion Ratio Lower Upper
95 100
174 83.8 0.0 158.0
176 81.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Tgt Ion: 117 Resp: 169069
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 32.1 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: VX025423.D

Acq: 02 Dec 2021 13:09

Instrument :

MSVOA_X

ClientSampleId :

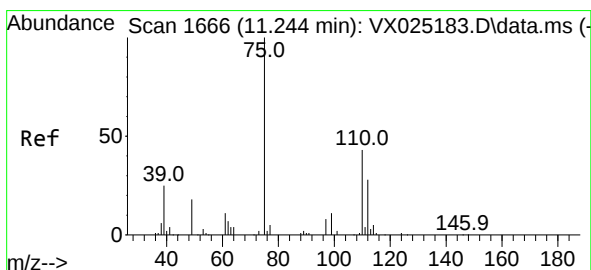
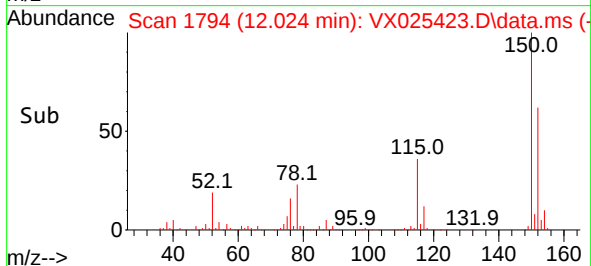
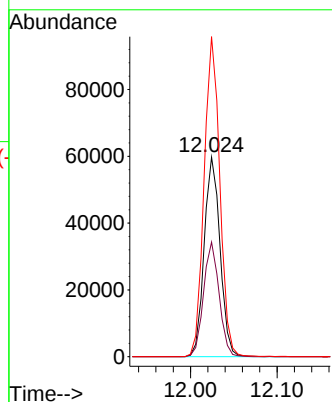
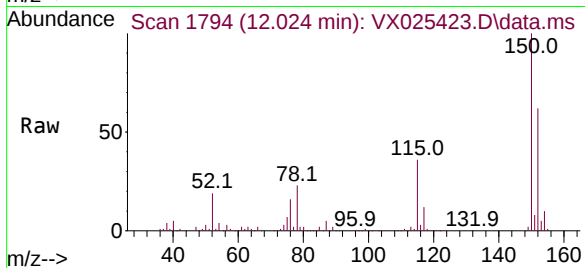
Tgt Ion:152 Resp: 75930

Ion Ratio Lower Upper

152 100

115 56.3 43.3 129.8

150 158.9 0.0 351.2



#76

1,2,3-Trichloropropane

Concen: 23.676 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX025423.D

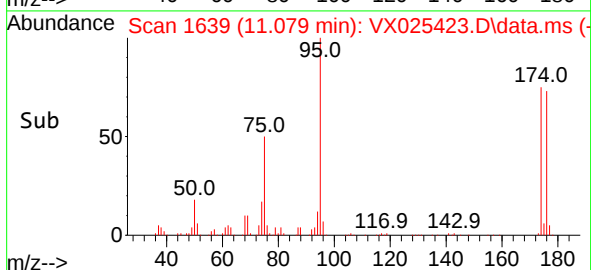
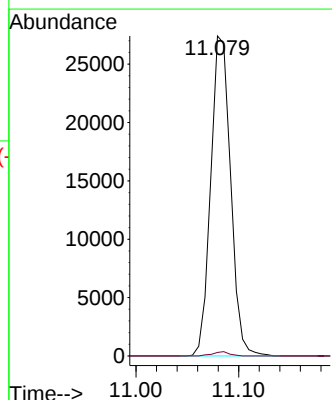
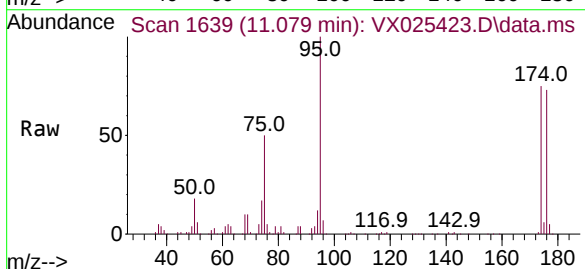
Acq: 02 Dec 2021 13:09

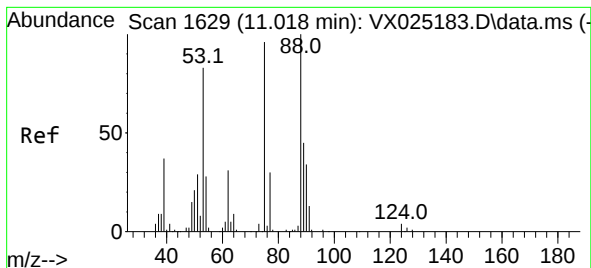
Tgt Ion: 75 Resp: 36814

Ion Ratio Lower Upper

75 100

77 1.1 20.0 59.9#

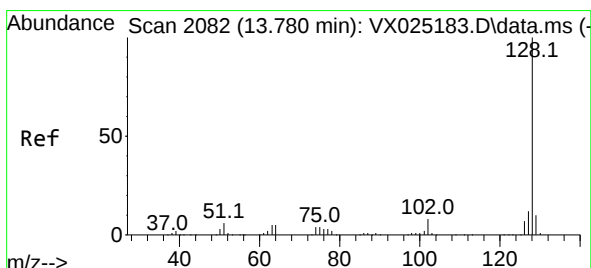
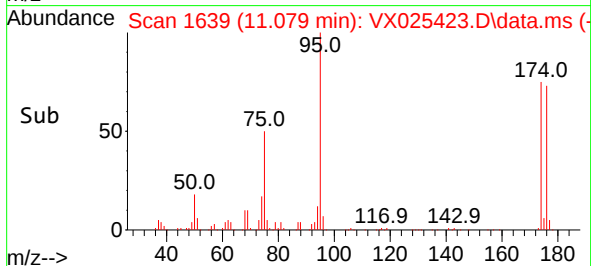
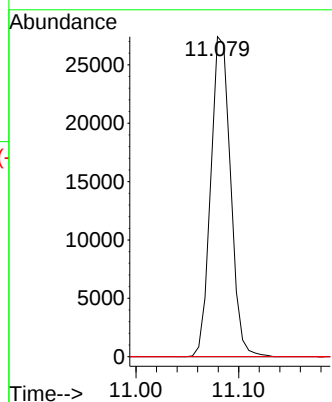
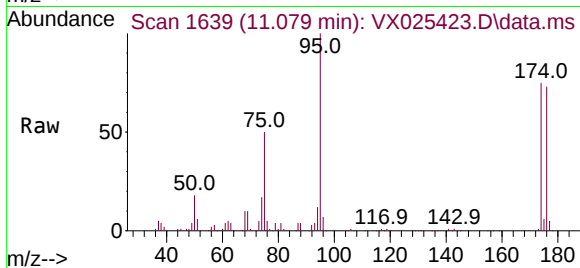




#81
trans-1,4-Dichloro-2-butene
Concen: 59.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025423.D
Acq: 02 Dec 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36814
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: VX025423.D
Acq: 02 Dec 2021 13:09

Tgt Ion:128 Resp: 32
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

