

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025491.D
 Acq On : 03 Dec 2021 18:39
 Operator : JC/MD
 Sample : M4924-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 06:53:09 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)

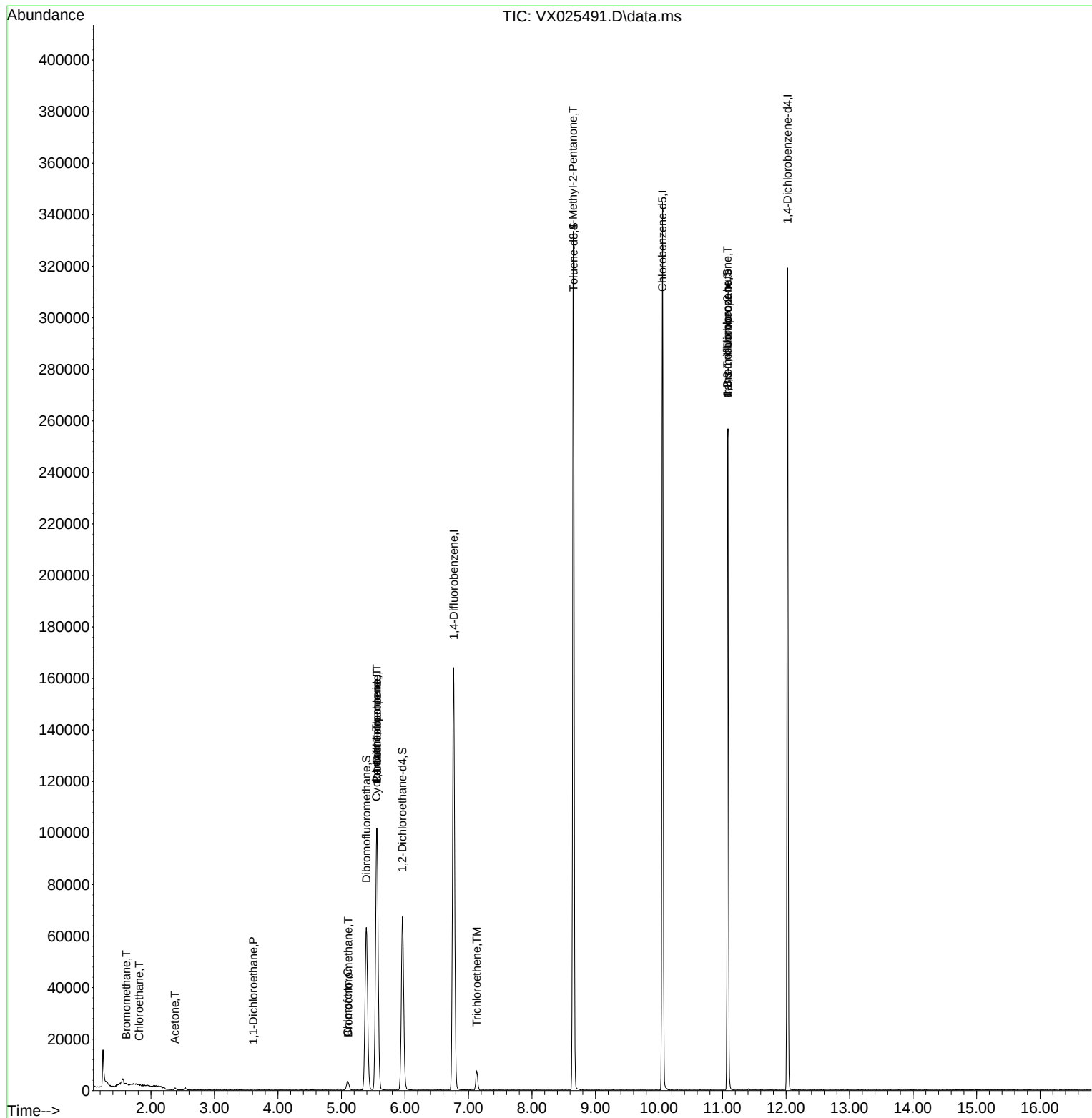
Internal Standards						
1) Pentafluorobenzene	5.556	168	102673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	175103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62173	57.448	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.900%		
35) Dibromofluoromethane	5.391	113	54115	50.369	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.740%		
50) Toluene-d8	8.653	98	203653	50.415	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.840%		
62) 4-Bromofluorobenzene	11.079	95	69792	45.670	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.340%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	144	0.277	ug/l #	71
6) Chloroethane	1.812	64	366	0.438	ug/l #	43
16) Acetone	2.379	43	890	1.480	ug/l	94
24) 1,1-Dichloroethane	3.611	63	414	0.231	ug/l #	83
28) Bromochloromethane	5.105	49	305	0.365	ug/l #	11
30) Chloroform	5.098	83	4231	2.269	ug/l	98
31) Cyclohexane	5.550	56	2016	1.205	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	7117	4.659	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9999	5.942	ug/l #	16
44) Trichloroethene	7.129	130	3032	2.255	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	873	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34477	24.937	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34477	62.821	ug/l #	9
95) Naphthalene	13.780	128	43	Below Cal	#	69

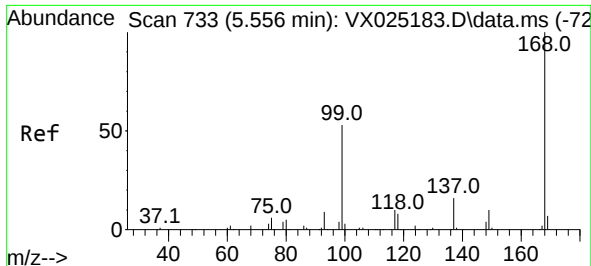
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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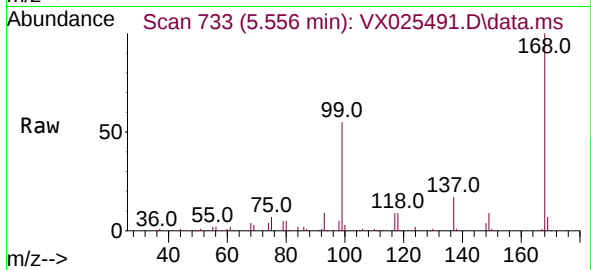
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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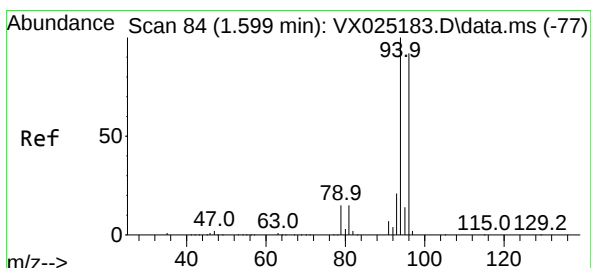
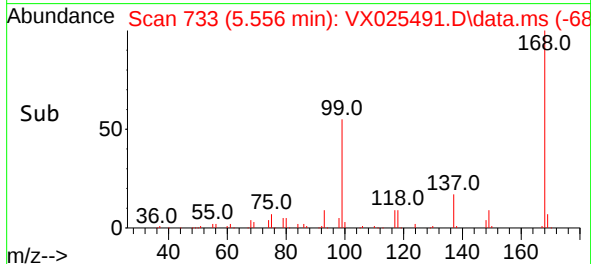
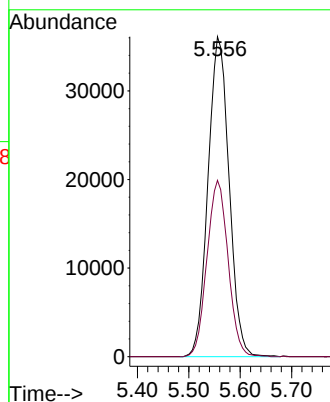


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Instrument :
MSVOA_X
ClientSampleId :

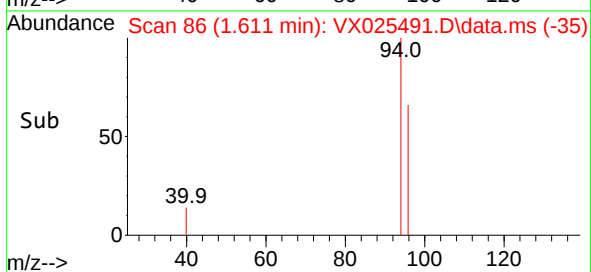
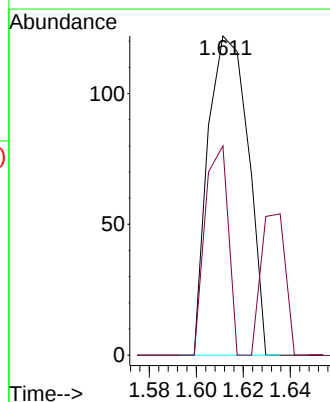
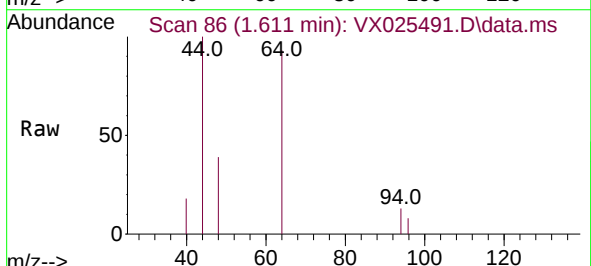


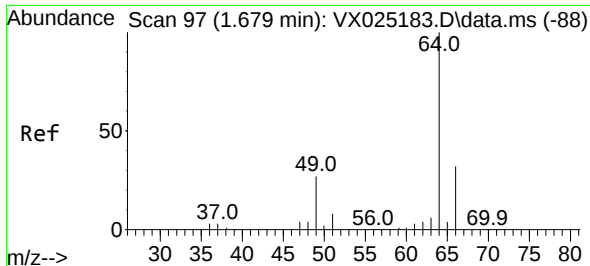
Tgt Ion:168 Resp: 102673
Ion Ratio Lower Upper
168 100
99 55.1 46.4 69.6



#5
Bromomethane
Concen: 0.277 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Tgt Ion: 94 Resp: 144
Ion Ratio Lower Upper
94 100
96 65.6 74.8 112.2#

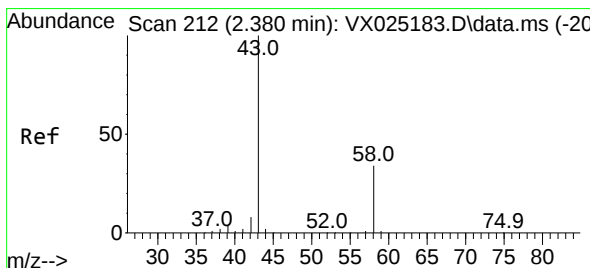
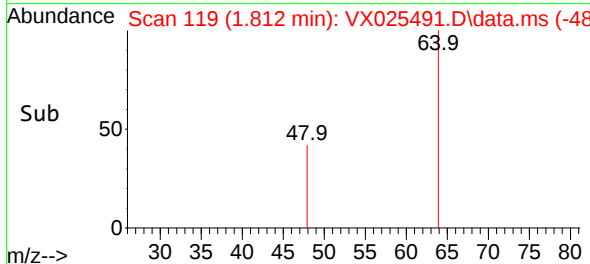
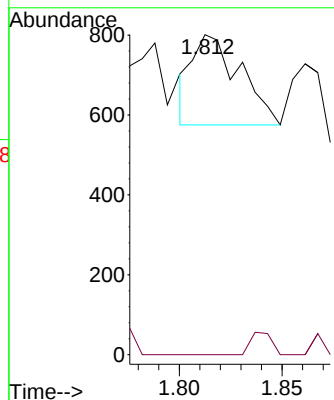
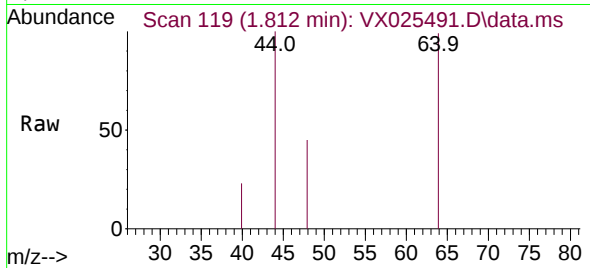




#6
Chloroethane
Concen: 0.438 ug/l
RT: 1.812 min Scan# 119
Delta R.T. 0.133 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

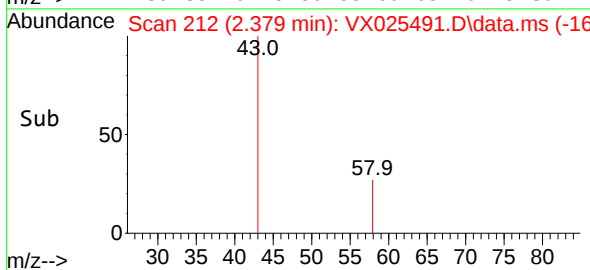
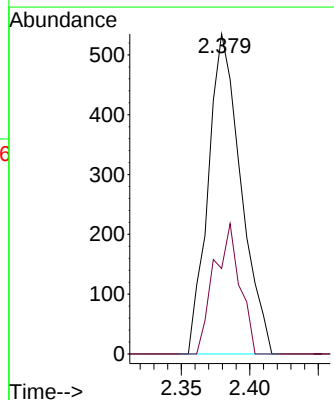
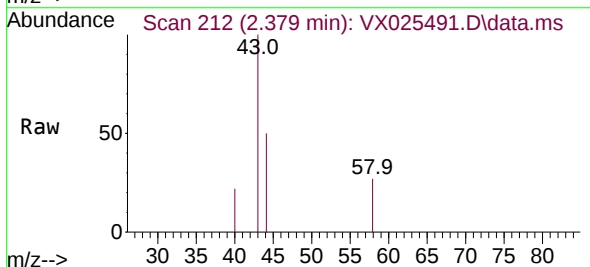
Instrument :
MSVOA_X
ClientSampleId :

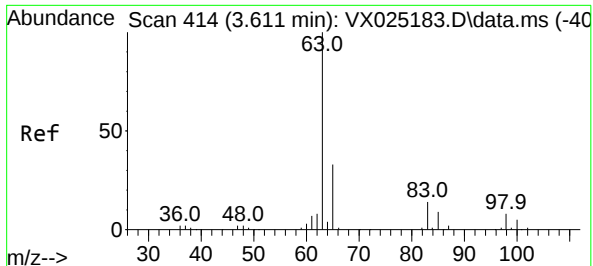
Tgt Ion: 64 Resp: 366
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#16
Acetone
Concen: 1.480 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 26.7 24.0 36.0

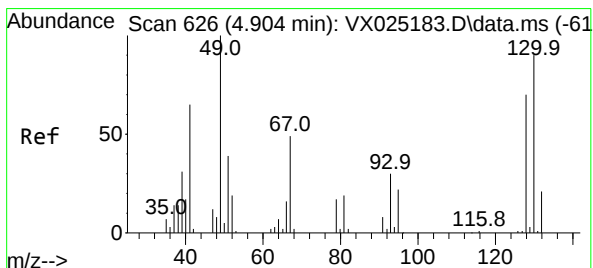
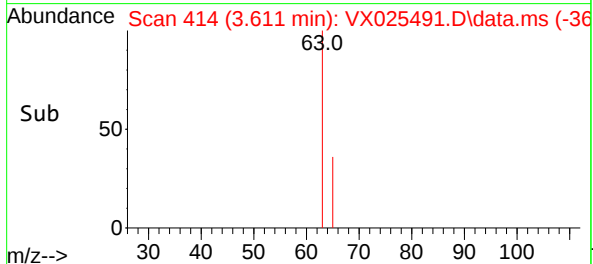
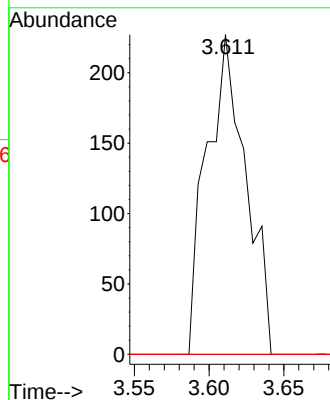
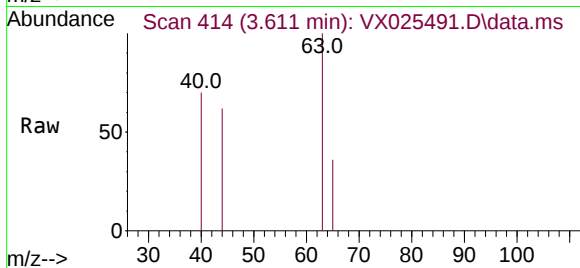




#24
1,1-Dichloroethane
Concen: 0.231 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

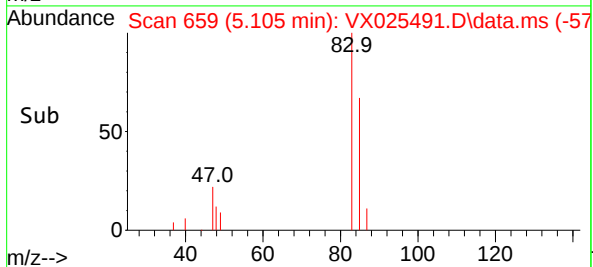
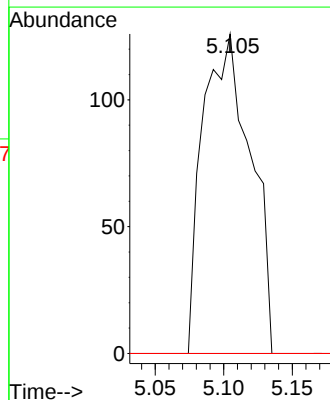
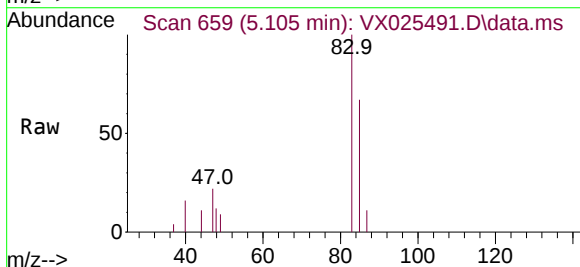
Instrument :
MSVOA_X
ClientSampleId :

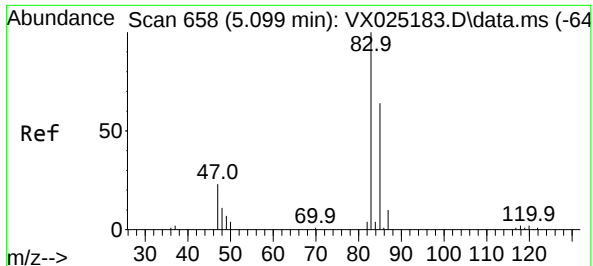
Tgt Ion: 63 Resp: 414
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#



#28
Bromochloromethane
Concen: 0.365 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.201 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Tgt Ion: 49 Resp: 305
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 65.2 97.8#





#30

Chloroform

Concen: 2.269 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX025491.D

Acq: 03 Dec 2021 18:39

Instrument :

MSVOA_X

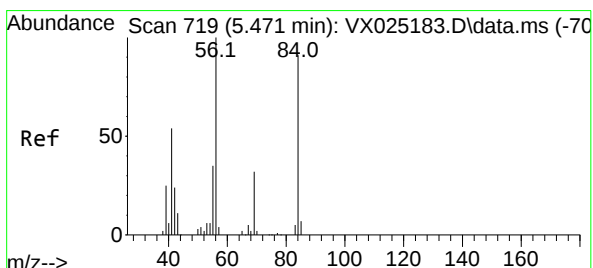
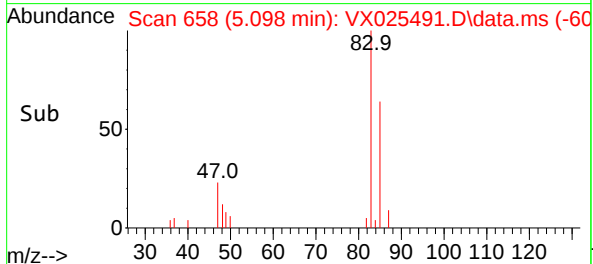
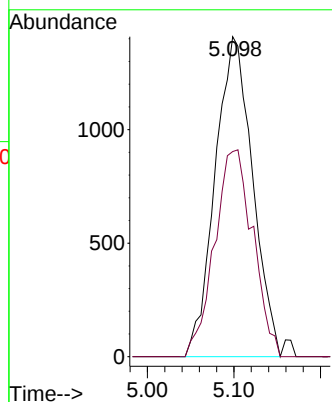
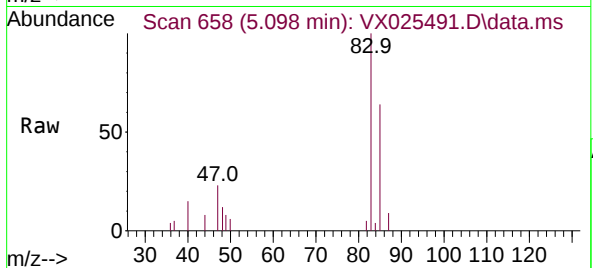
ClientSampleId :

Tgt Ion: 83 Resp: 4231

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.2



#31

Cyclohexane

Concen: 1.205 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX025491.D

Acq: 03 Dec 2021 18:39

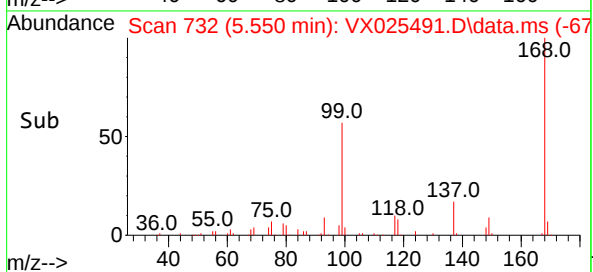
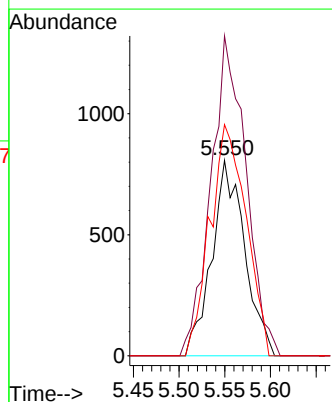
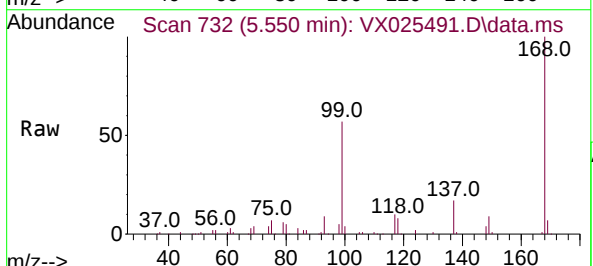
Tgt Ion: 56 Resp: 2016

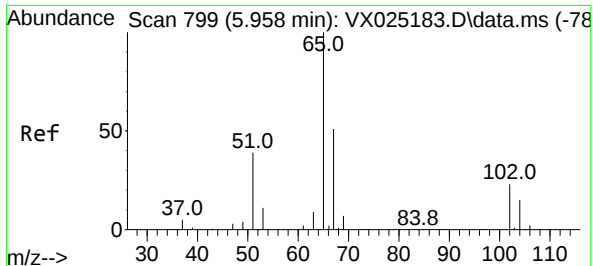
Ion Ratio Lower Upper

56 100

69 163.7 24.2 36.2#

84 118.3 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 57.448 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025491.D

Acq: 03 Dec 2021 18:39

Instrument :

MSVOA_X

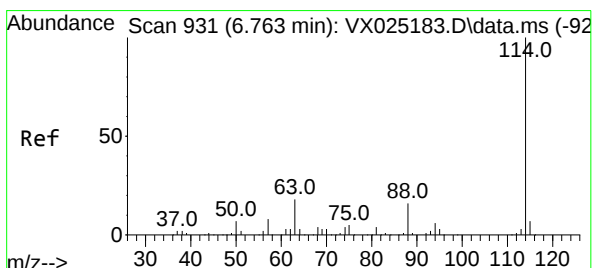
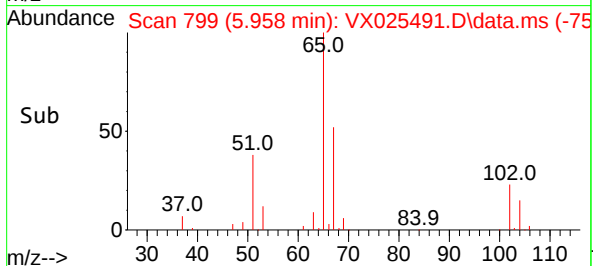
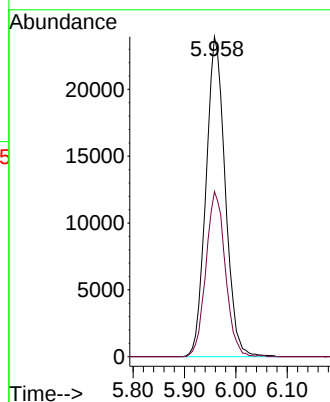
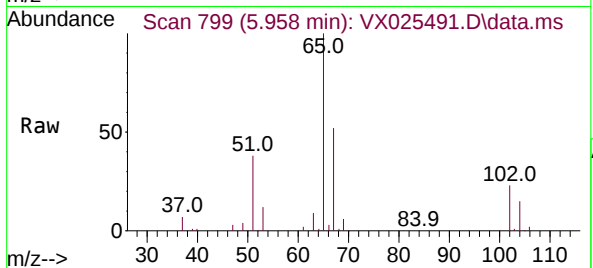
ClientSampleId :

Tgt Ion: 65 Resp: 62173

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX025491.D

Acq: 03 Dec 2021 18:39

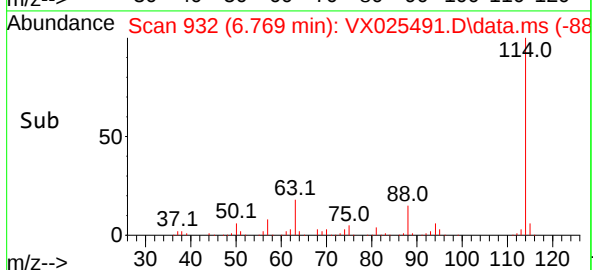
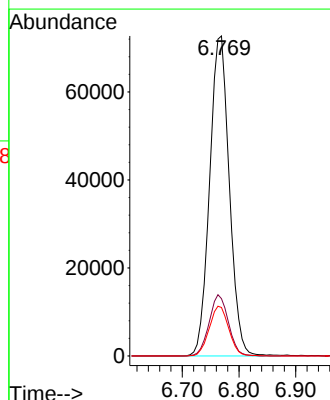
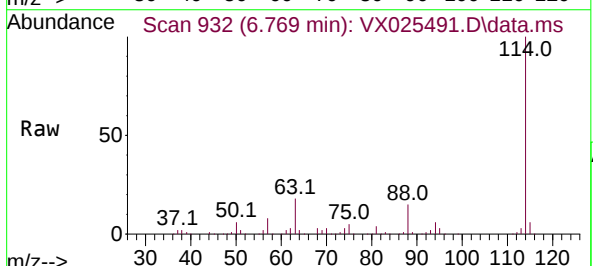
Tgt Ion: 114 Resp: 175103

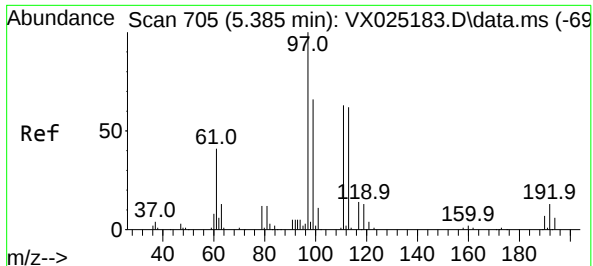
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.369 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

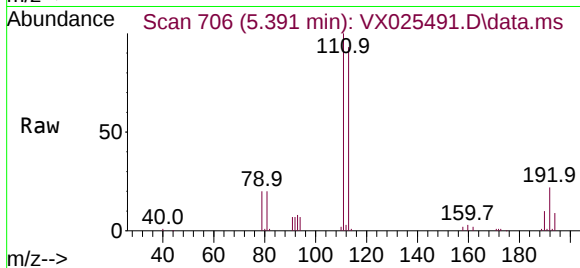
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Acq: 03 Dec 2021 18:39

Instrument :

MSVOA_X

ClientSampleId :



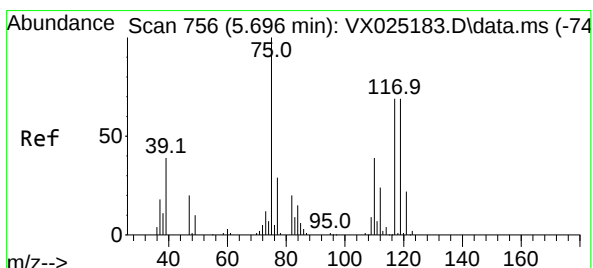
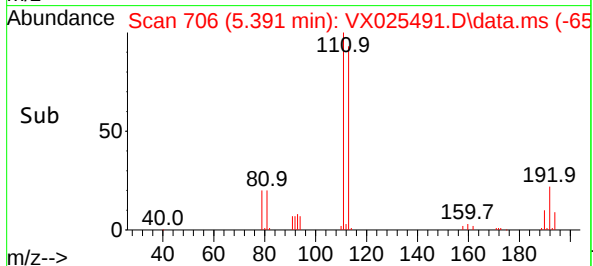
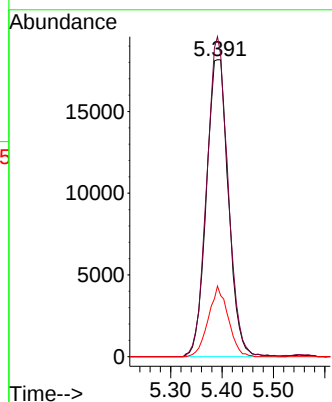
Tgt Ion:113 Resp: 54115

Ion Ratio Lower Upper

113 100

111 103.8 82.1 123.1

192 21.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.659 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025491.D

Acq: 03 Dec 2021 18:39

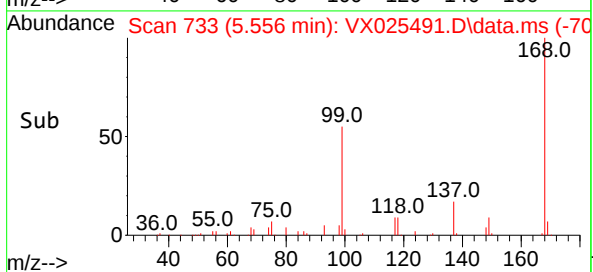
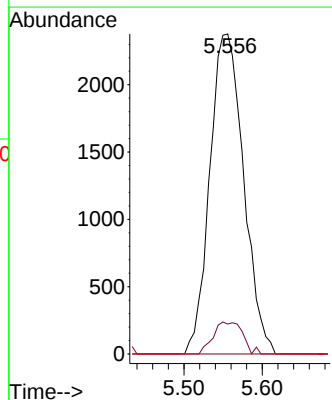
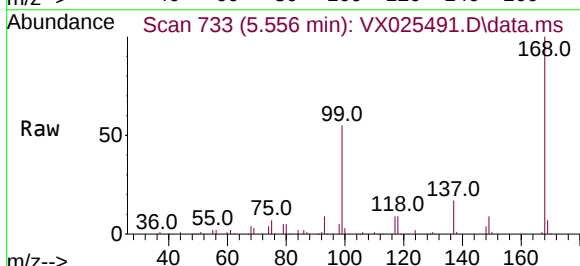
Tgt Ion: 75 Resp: 7117

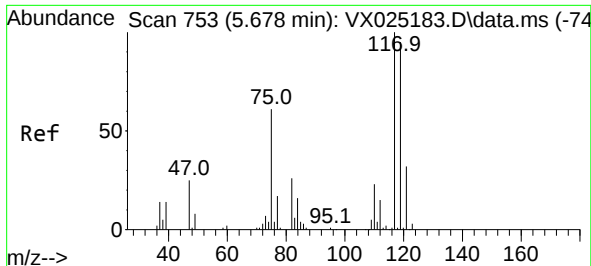
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

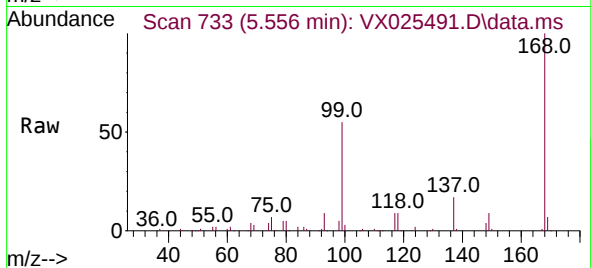
77 0.0 24.4 36.6#



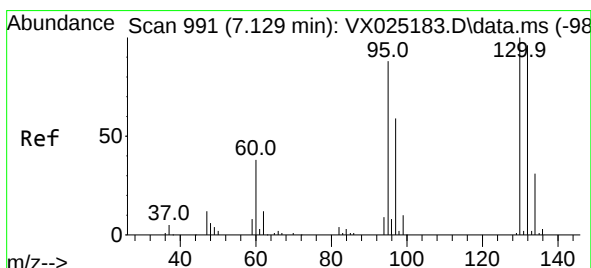
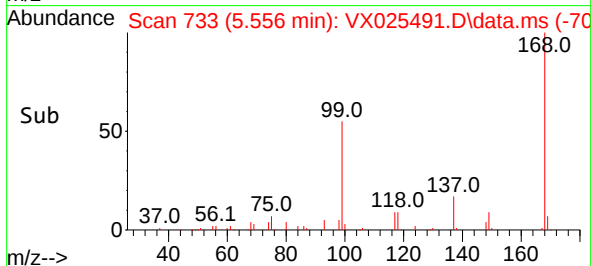
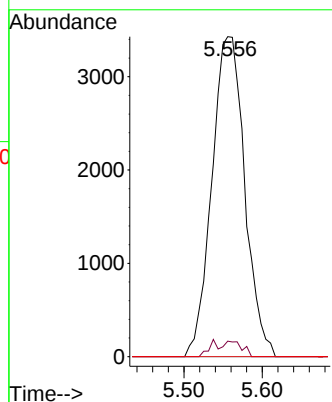


#38
Carbon Tetrachloride
Concen: 5.942 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Instrument :
MSVOA_X
ClientSampleId :

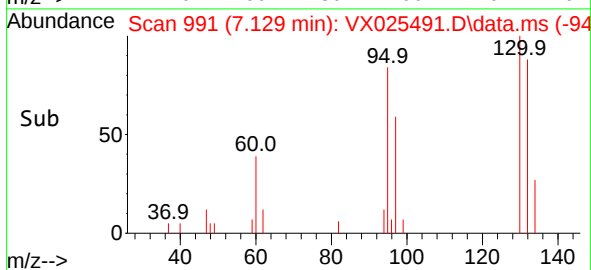
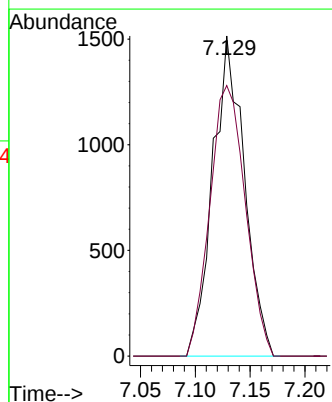
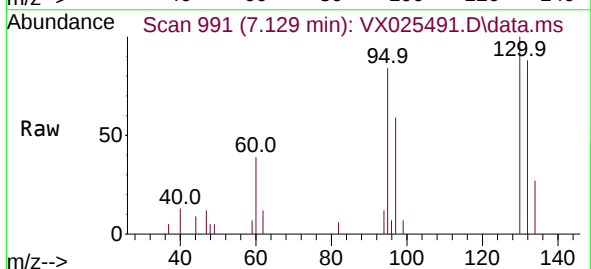


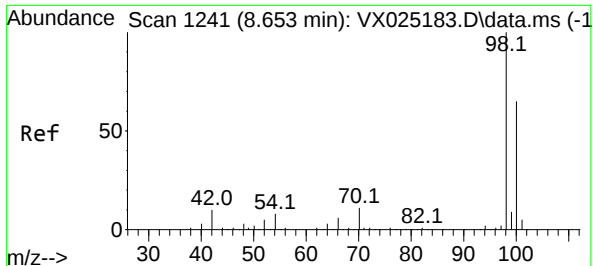
Tgt Ion:117 Resp: 9999
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#



#44
Trichloroethene
Concen: 2.255 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Tgt Ion:130 Resp: 3032
Ion Ratio Lower Upper
130 100
95 84.5 0.0 196.8





#50

Toluene-d8

Concen: 50.415 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025491.D

Acq: 03 Dec 2021 18:39

Instrument :

MSVOA_X

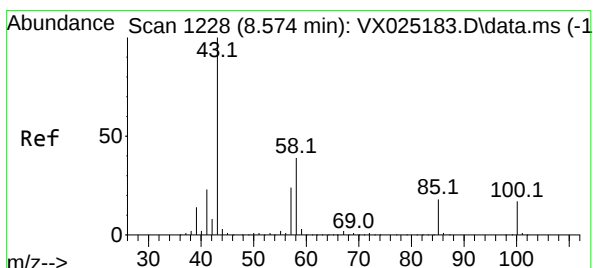
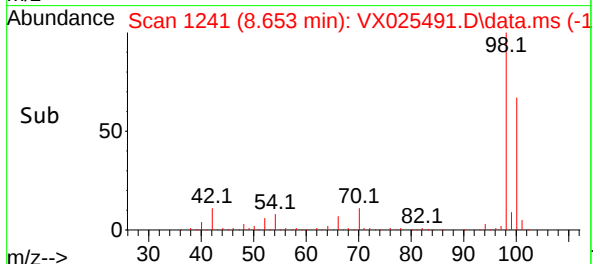
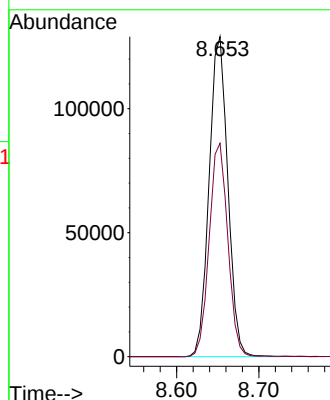
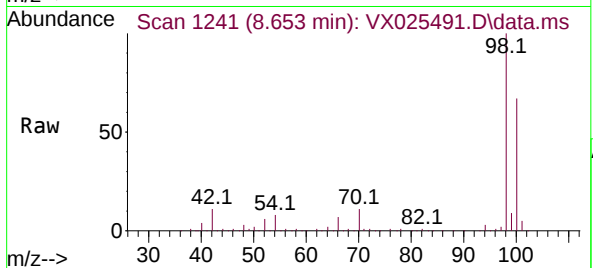
ClientSampleId :

Tgt Ion: 98 Resp: 203653

Ion Ratio Lower Upper

98 100

100 66.6 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.481 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX025491.D

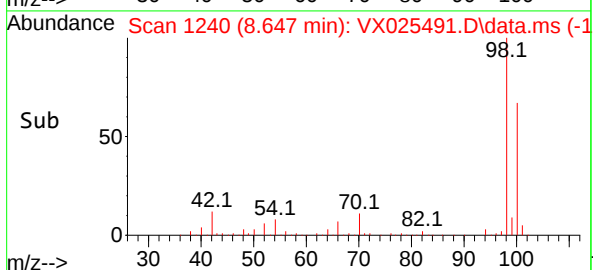
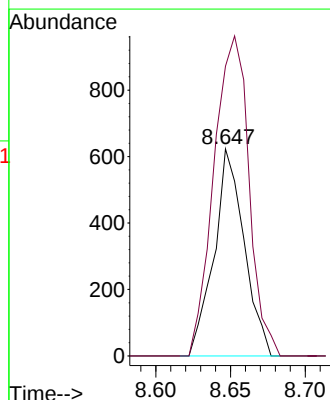
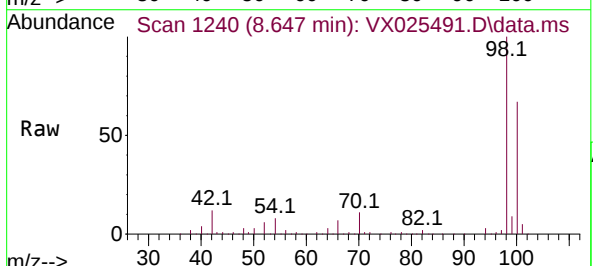
Acq: 03 Dec 2021 18:39

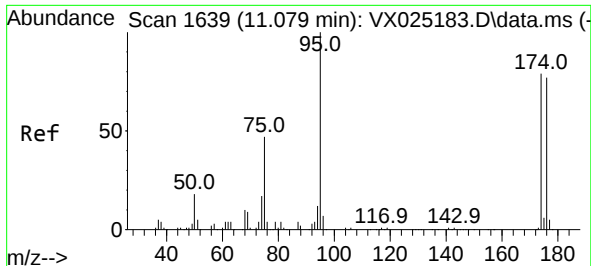
Tgt Ion: 43 Resp: 873

Ion Ratio Lower Upper

43 100

58 179.7 30.9 46.3#

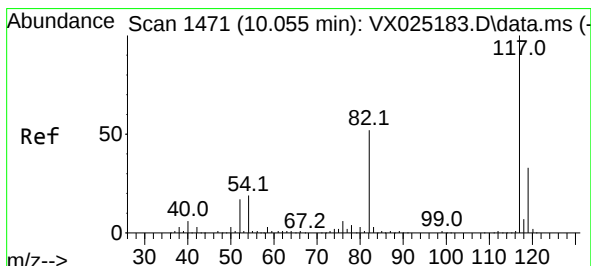
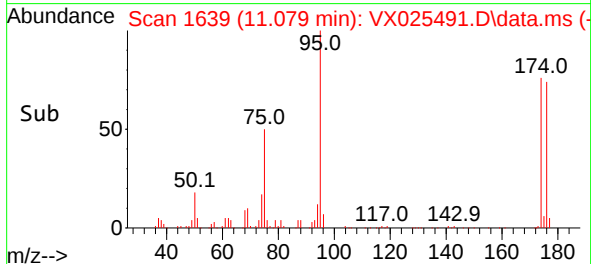
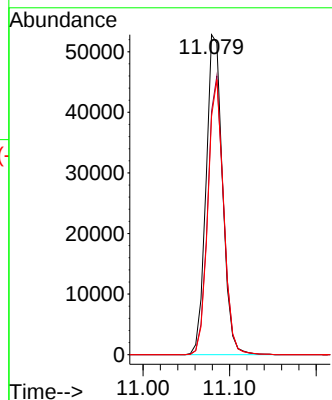
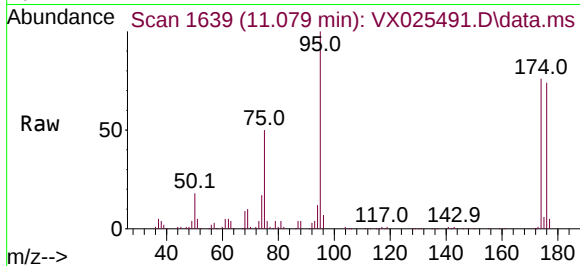




#62
4-Bromofluorobenzene
Concen: 45.670 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

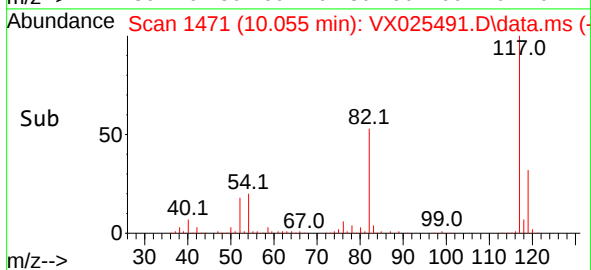
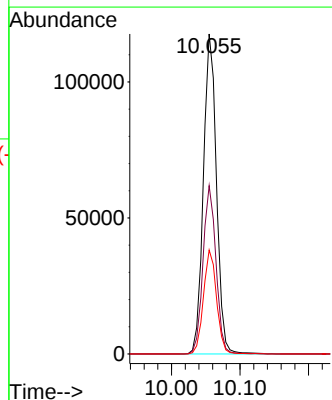
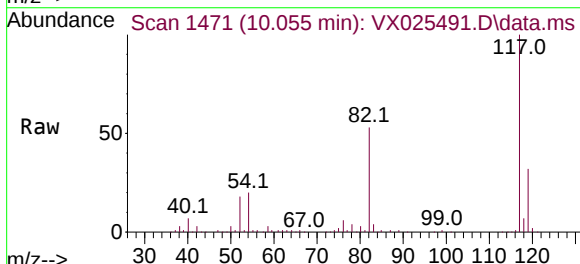
Instrument :
MSVOA_X
ClientSampleId :

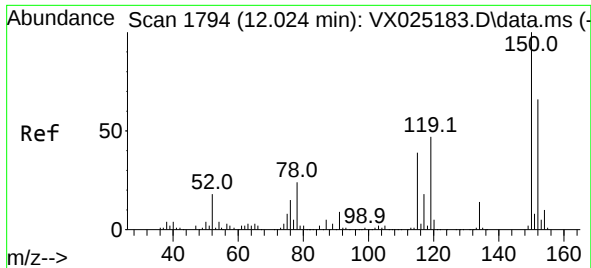
Tgt Ion: 95 Resp: 69792
Ion Ratio Lower Upper
95 100
174 82.8 0.0 158.0
176 81.9 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

Tgt Ion: 117 Resp: 156412
Ion Ratio Lower Upper
117 100
82 52.6 44.6 67.0
119 32.5 24.8 37.2

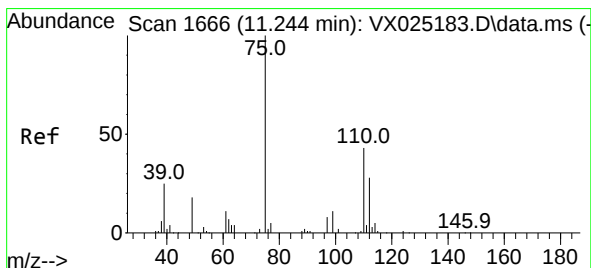
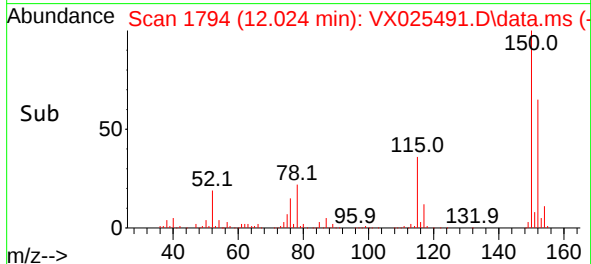
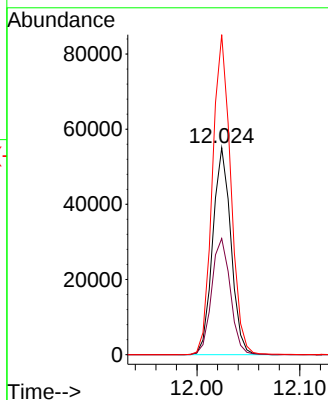
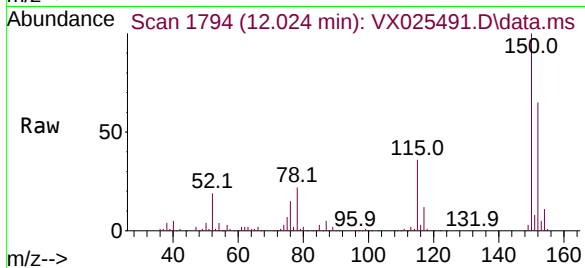




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025491.D
 Acq: 03 Dec 2021 18:39

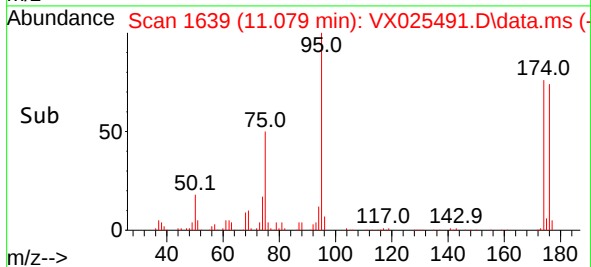
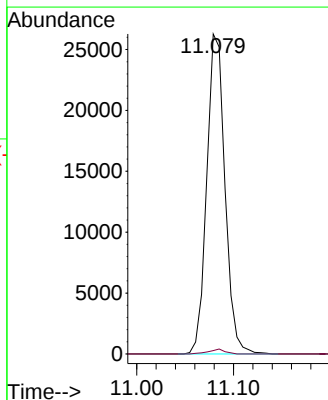
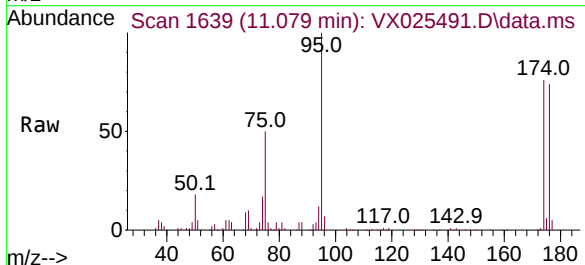
Instrument :
 MSVOA_X
 ClientSampleId :

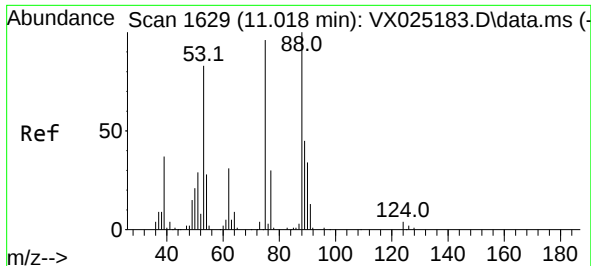
Tgt Ion:152 Resp: 67514
 Ion Ratio Lower Upper
 152 100
 115 57.8 43.3 129.8
 150 155.8 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 24.937 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025491.D
 Acq: 03 Dec 2021 18:39

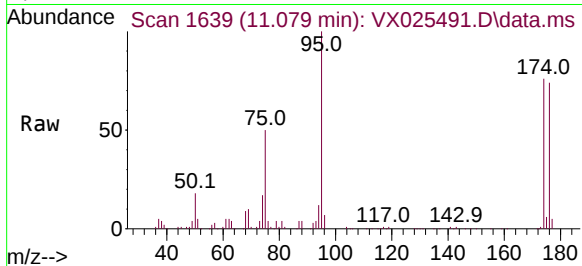
Tgt Ion: 75 Resp: 34477
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.0 59.9#



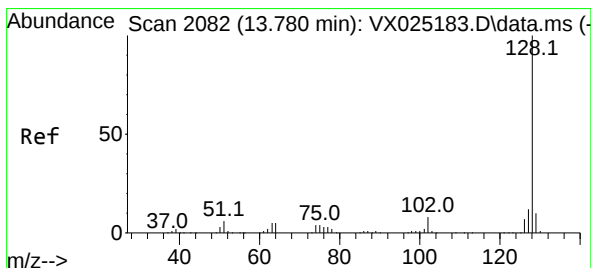
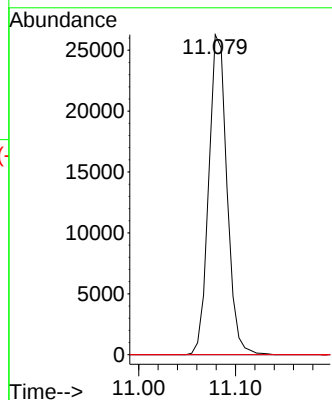
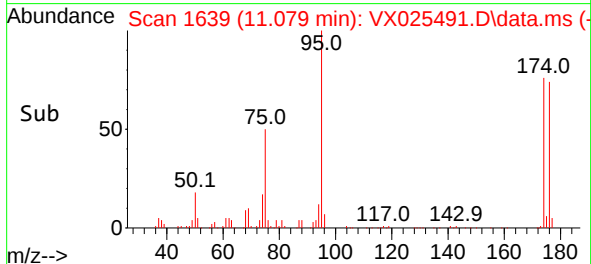


#81
trans-1,4-Dichloro-2-butene
Concen: 62.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025491.D
Acq: 03 Dec 2021 18:39

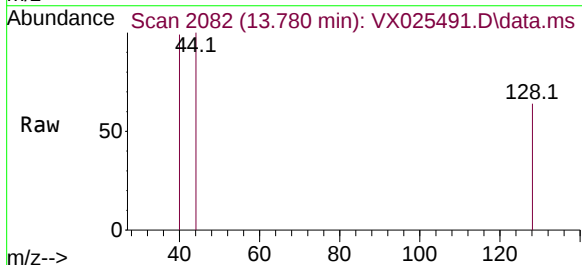
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 34477
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: VX025491.D
Acq: 03 Dec 2021 18:39



Tgt Ion: 128 Resp: 43
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

