

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025505.D
 Acq On : 04 Dec 2021 00:53
 Operator : JC/MD
 Sample : M4923-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 11:06:34 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)

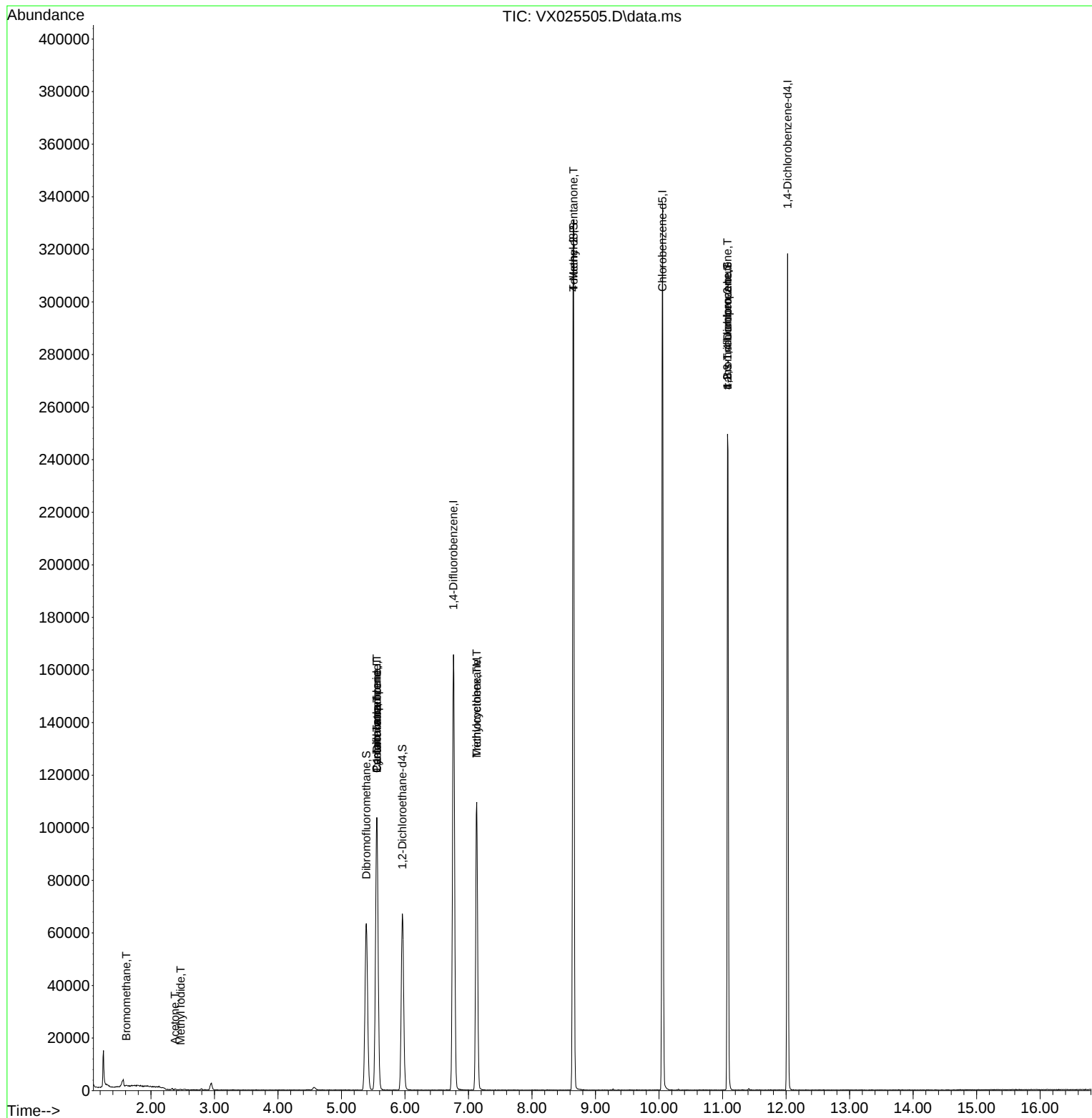
Internal Standards						
1) Pentafluorobenzene	5.556	168	104964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62607	56.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.180%
35) Dibromofluoromethane	5.391	113	54907	50.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	8.653	98	202766	49.677	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	69263	44.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	218	0.410	ug/l	84
10) Methyl Iodide	2.465	142	300	0.246	ug/l #	61
11) Tert butyl alcohol	2.953	59	1499	Below Cal	#	72
16) Acetone	2.380	43	386	0.628	ug/l #	83
31) Cyclohexane	5.556	56	1986	1.162	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	7488	4.851	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10045	5.908	ug/l #	16
39) Methylcyclohexane	7.129	83	494	0.249	ug/l #	1
44) Trichloroethene	7.129	130	44036	32.417	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	874	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33896	24.602	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33896	61.977	ug/l #	9
95) Naphthalene	13.786	128	107	Below Cal	#	69

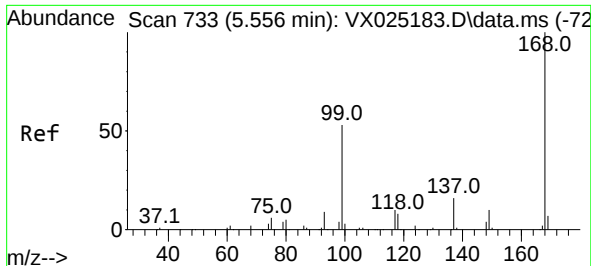
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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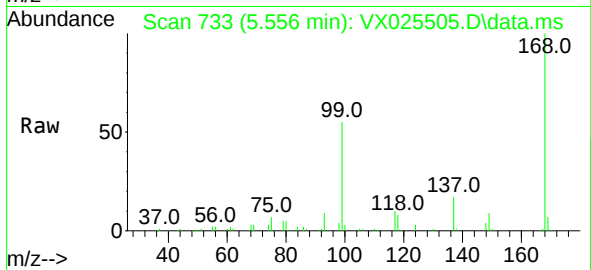
Quant Time: Dec 04 11:06:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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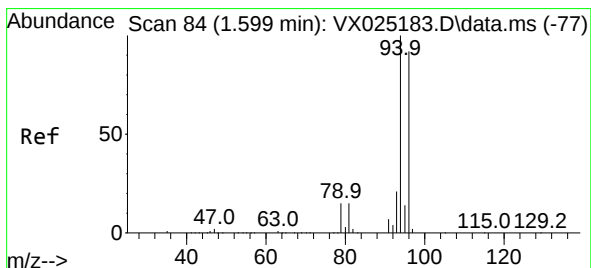
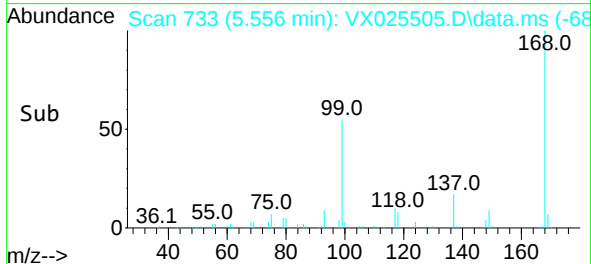
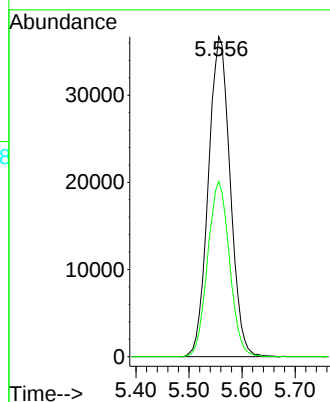


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Instrument :
MSVOA_X
ClientSampleId :

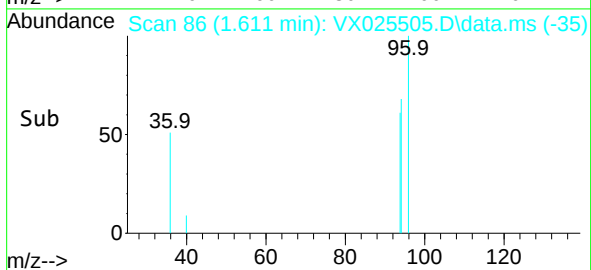
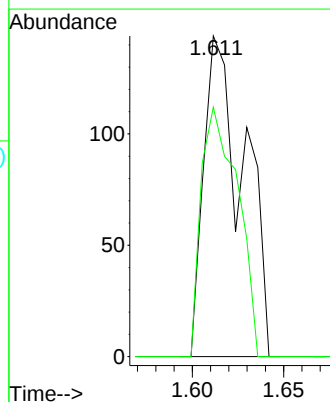
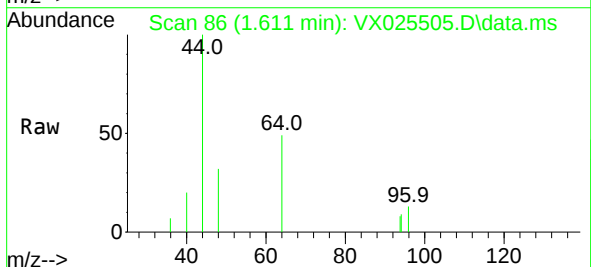


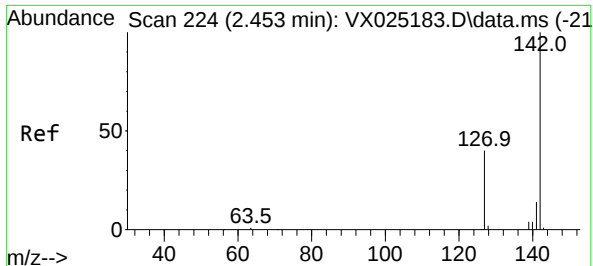
Tgt Ion:168 Resp: 104964
Ion Ratio Lower Upper
168 100
99 54.8 46.4 69.6



#5
Bromomethane
Concen: 0.410 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

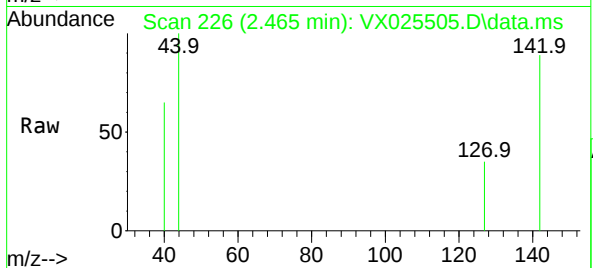
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 77.8 74.8 112.2



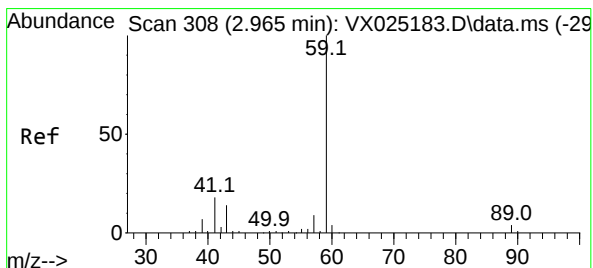
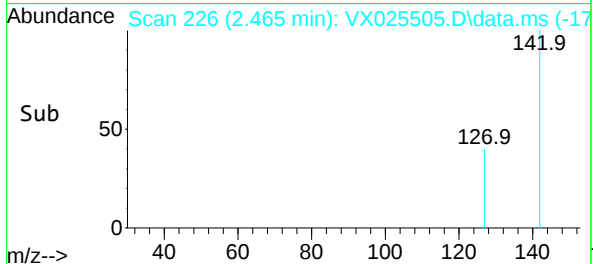
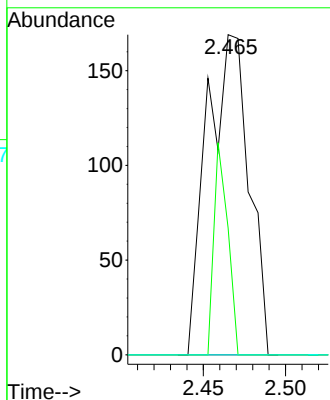


#10
Methyl Iodide
Concen: 0.246 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Instrument :
MSVOA_X
ClientSampleId :

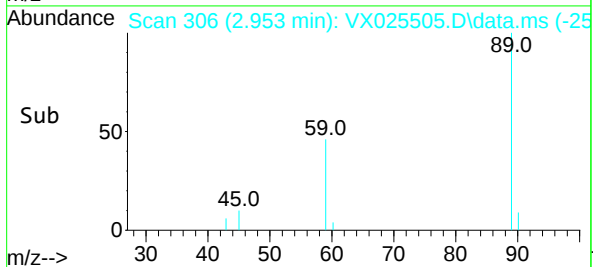
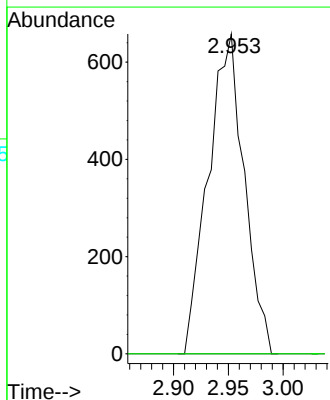
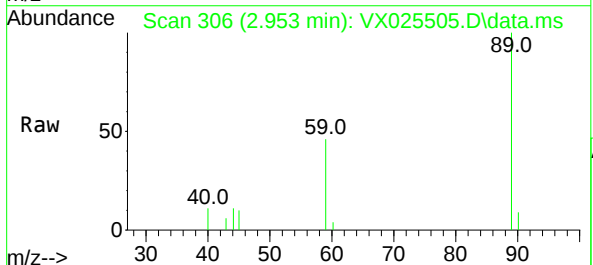


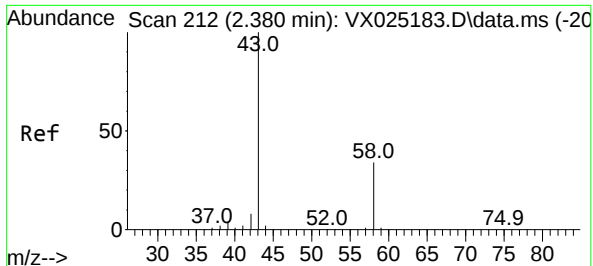
Tgt Ion:142 Resp: 300
Ion Ratio Lower Upper
142 100
127 21.7 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

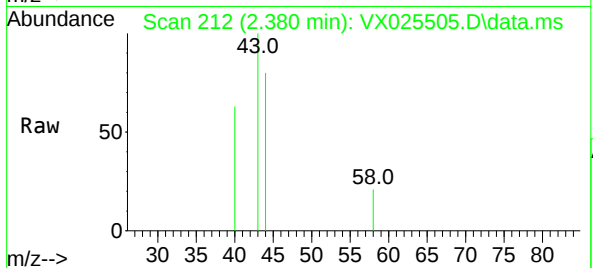
Tgt Ion: 59 Resp: 1499
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



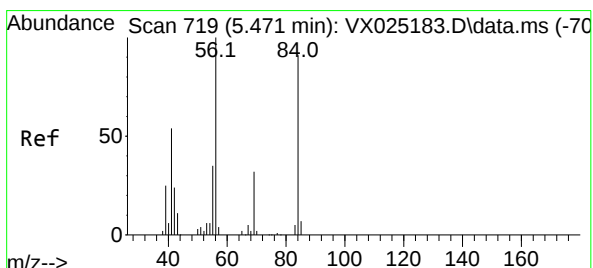
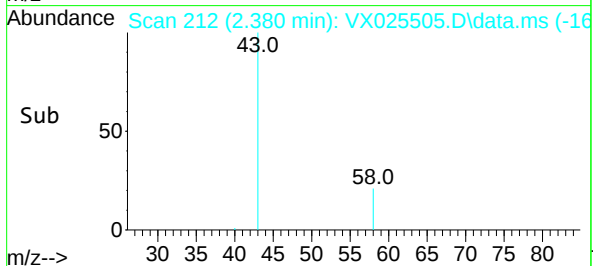
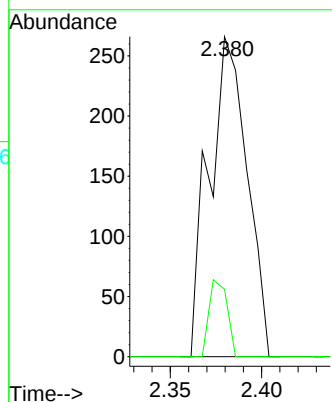


#16
Acetone
Concen: 0.628 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Instrument :
MSVOA_X
ClientSampleId :

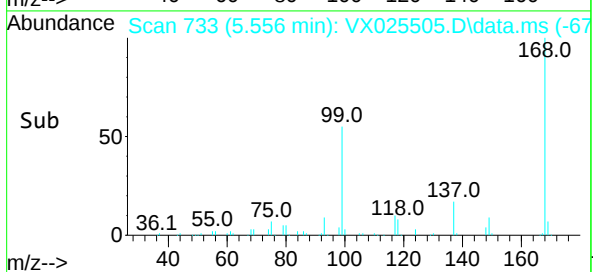
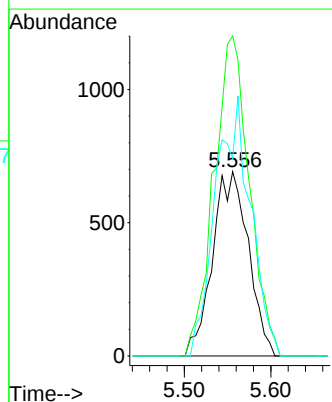
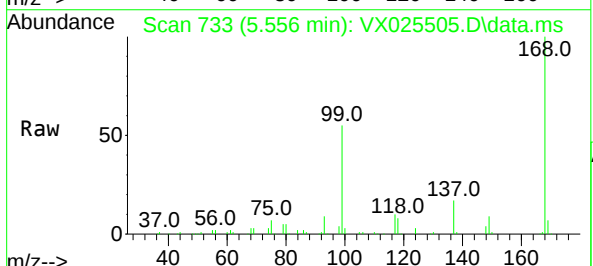


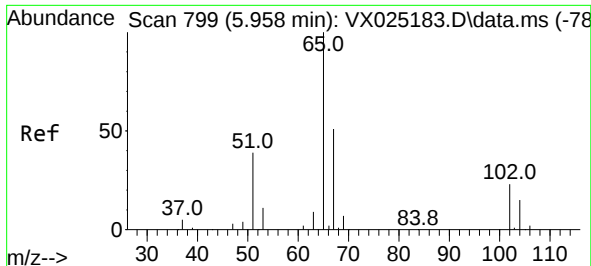
Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 21.1 24.0 36.0#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Tgt Ion: 56 Resp: 1986
Ion Ratio Lower Upper
56 100
69 173.6 24.2 36.2#
84 106.9 71.5 107.3





#33

1,2-Dichloroethane-d4

Concen: 56.587 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025505.D

Acq: 04 Dec 2021 00:53

Instrument :

MSVOA_X

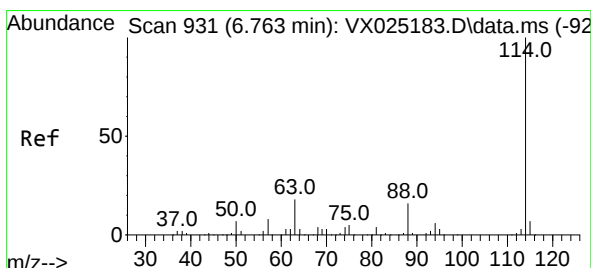
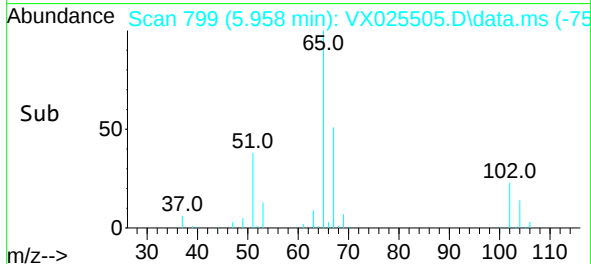
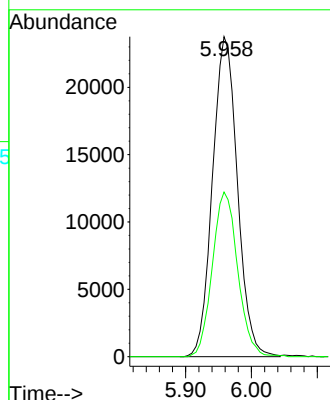
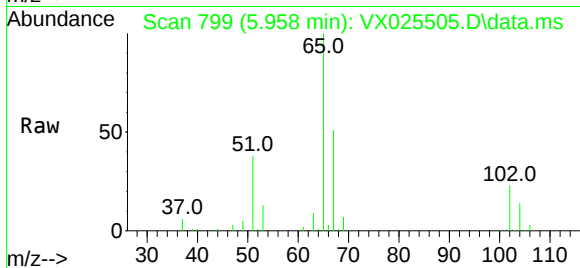
ClientSampleId :

Tgt Ion: 65 Resp: 62607

Ion Ratio Lower Upper

65 100

67 52.4 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: VX025505.D

Acq: 04 Dec 2021 00:53

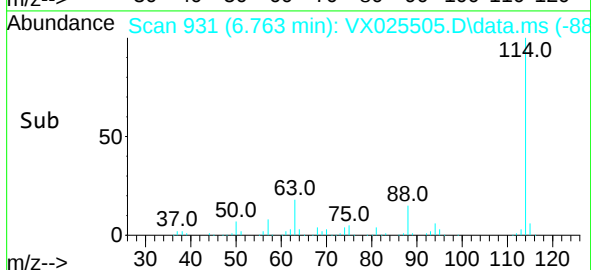
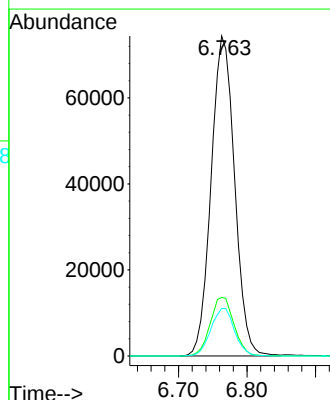
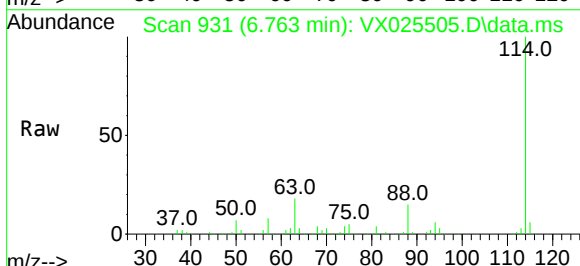
Tgt Ion: 114 Resp: 176931

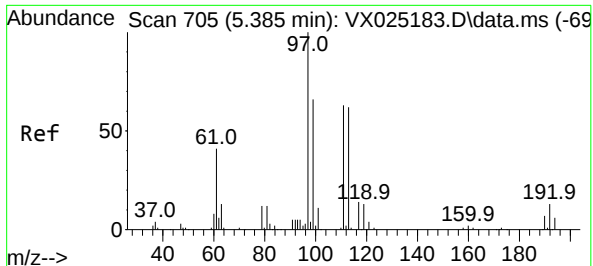
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

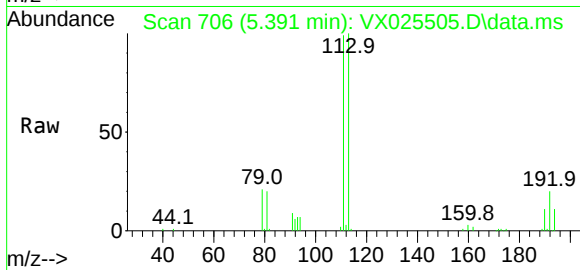
88 14.9 0.0 34.8



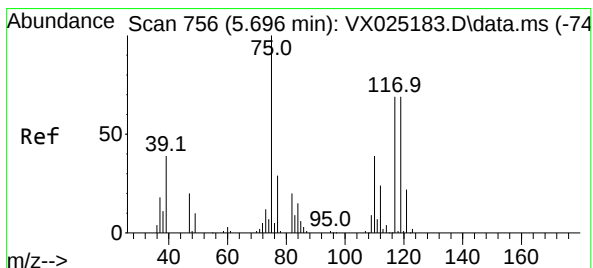
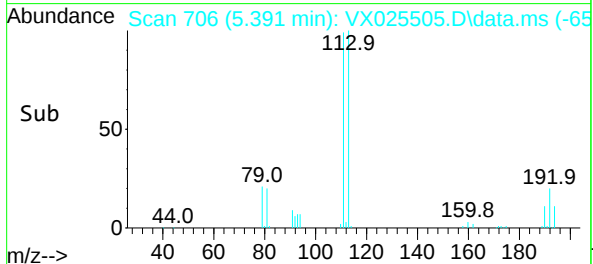
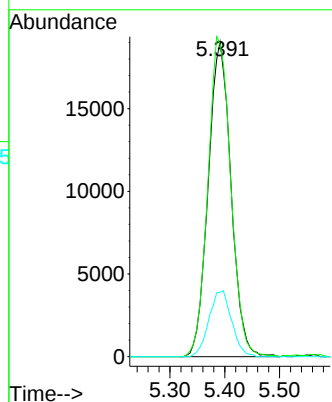


#35
Dibromofluoromethane
Concen: 50.578 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Instrument :
MSVOA_X
ClientSampleId :

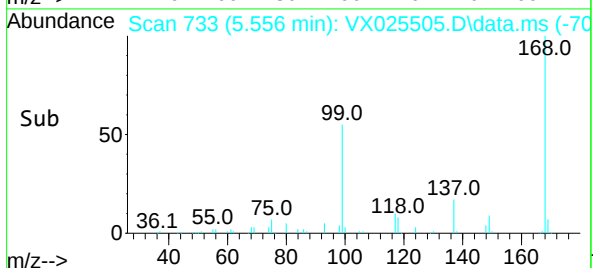
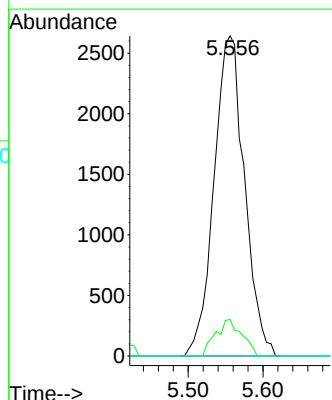
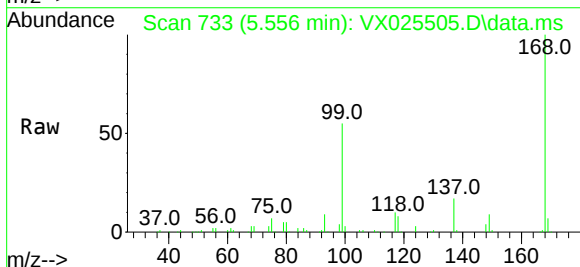


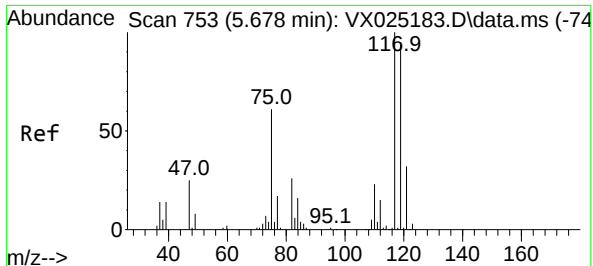
Tgt Ion:113 Resp: 54907
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 20.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

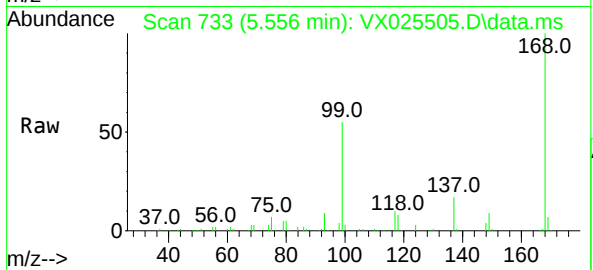
Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



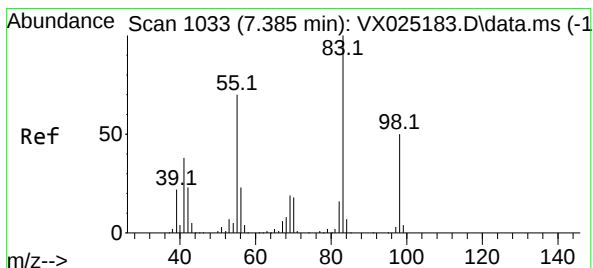
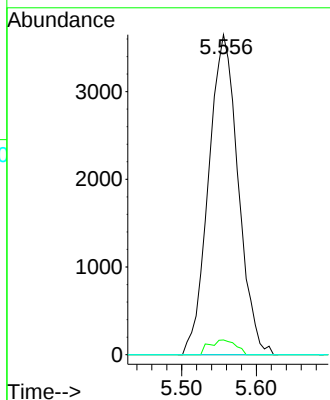
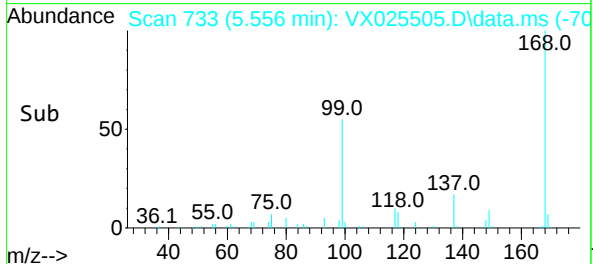


#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Instrument :
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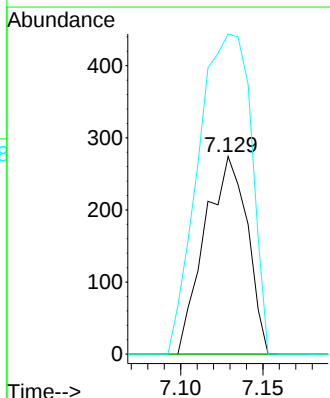
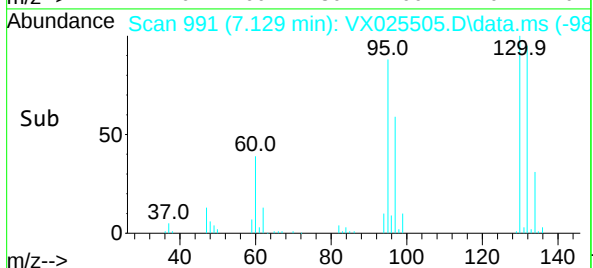
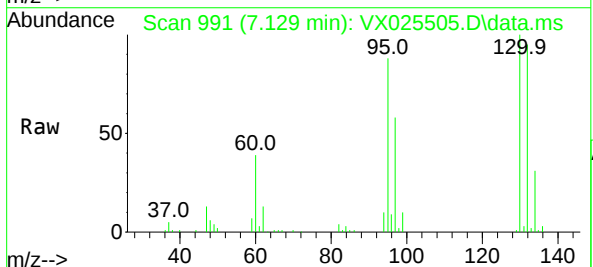


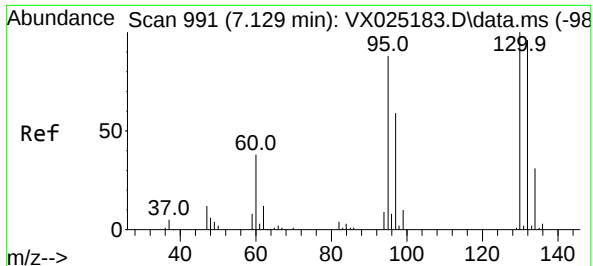
Tgt Ion:117 Resp: 10045
Ion Ratio Lower Upper
117 100
119 4.6 75.6 113.4#
121 0.0 23.7 35.5#



#39
Methylcyclohexane
Concen: 0.249 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Tgt Ion: 83 Resp: 494
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 162.0 37.0 55.4#

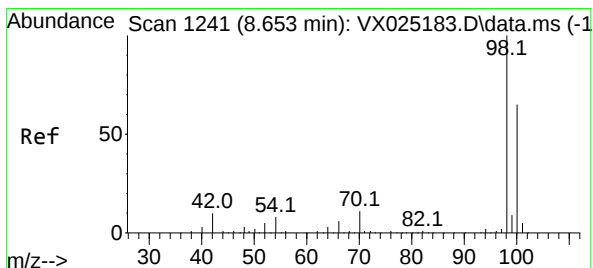
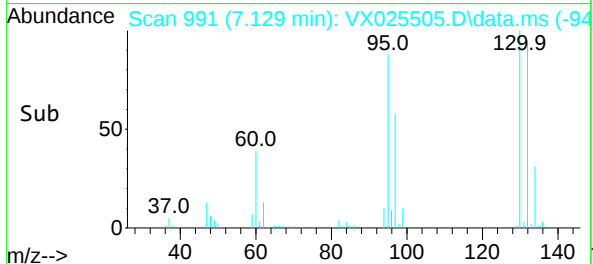
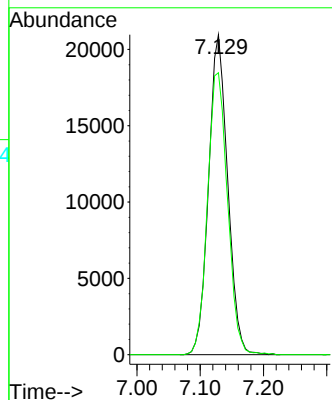
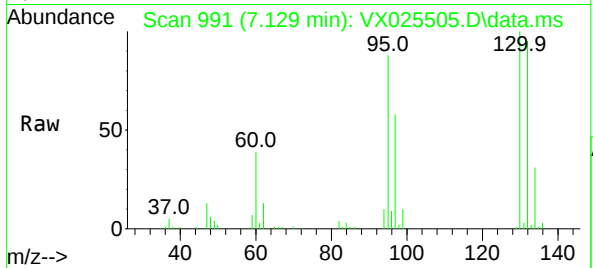




#44
Trichloroethene
Concen: 32.417 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

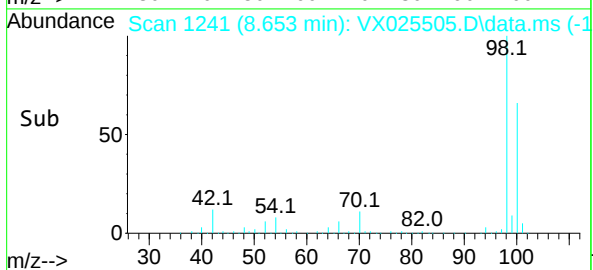
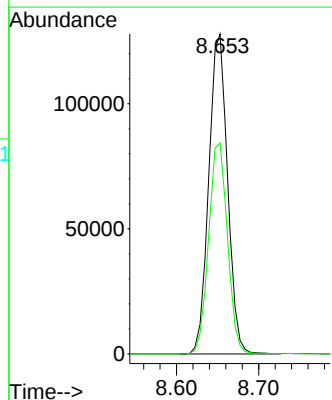
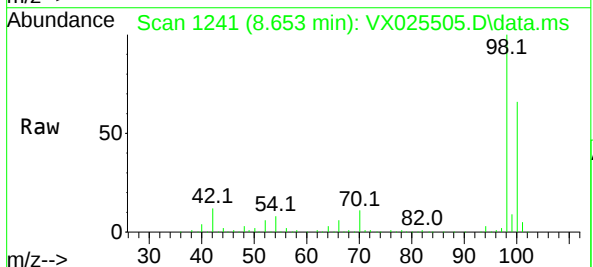
Instrument :
MSVOA_X
ClientSampleId :

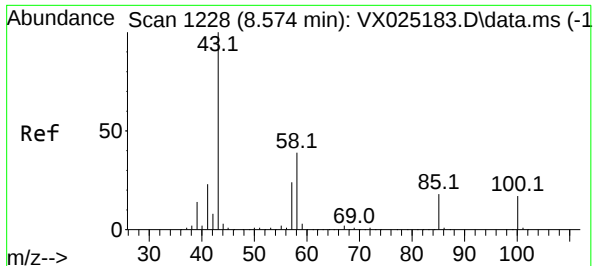
Tgt Ion:130 Resp: 44036
Ion Ratio Lower Upper
130 100
95 88.1 0.0 196.8



#50
Toluene-d8
Concen: 49.677 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Tgt Ion: 98 Resp: 202766
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX025505.D

Acq: 04 Dec 2021 00:53

Instrument :

MSVOA_X

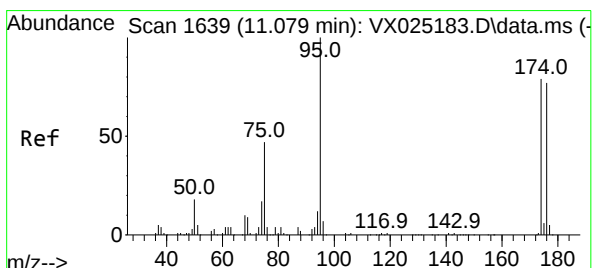
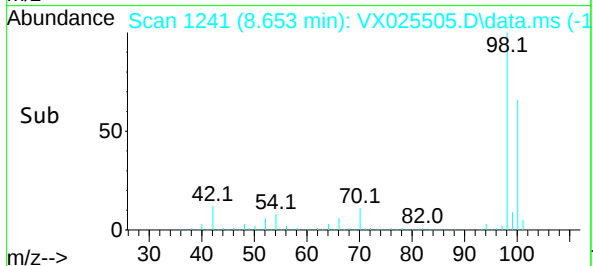
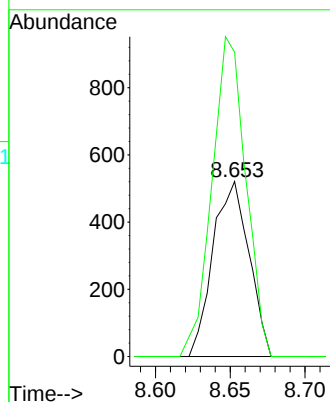
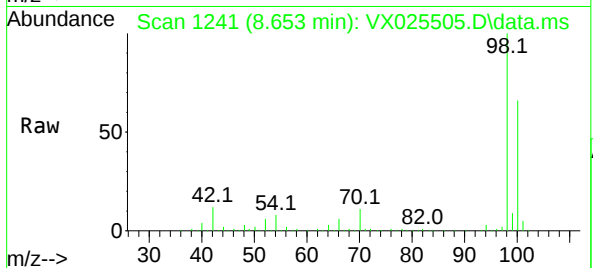
ClientSampleId :

Tgt Ion: 43 Resp: 874

Ion Ratio Lower Upper

43 100

58 171.4 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 44.855 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025505.D

Acq: 04 Dec 2021 00:53

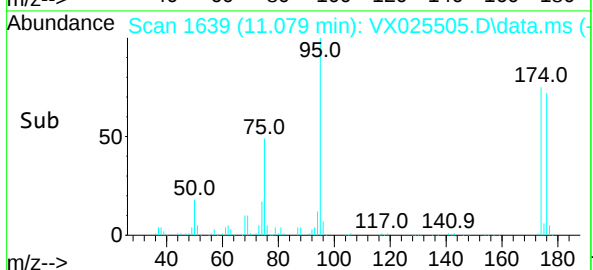
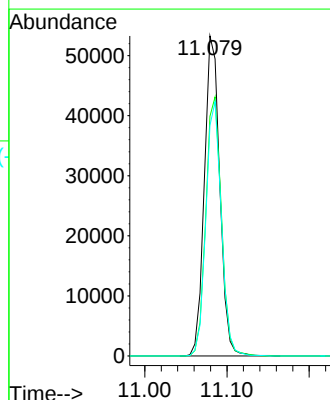
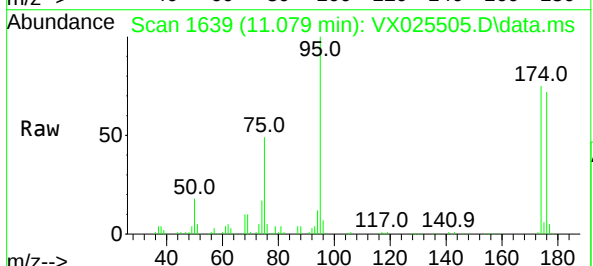
Tgt Ion: 95 Resp: 69263

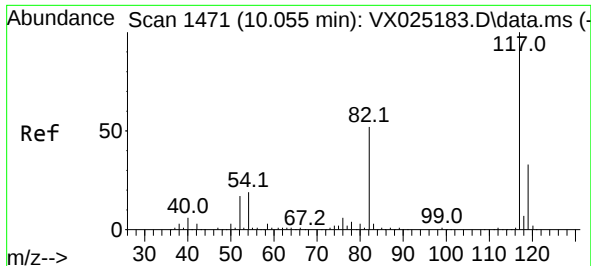
Ion Ratio Lower Upper

95 100

174 82.1 0.0 158.0

176 79.8 0.0 153.6

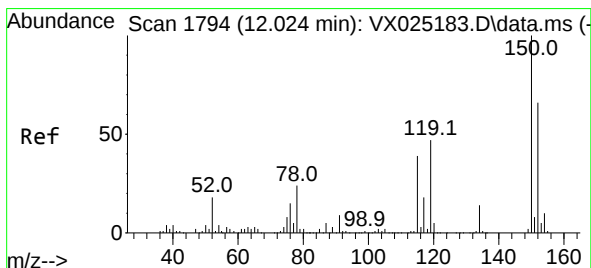
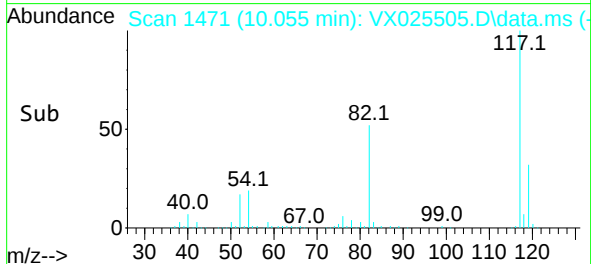
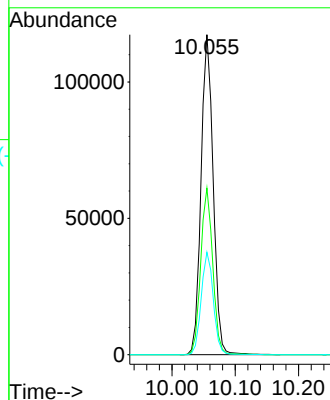
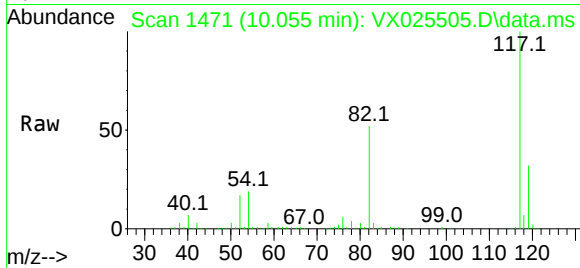




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

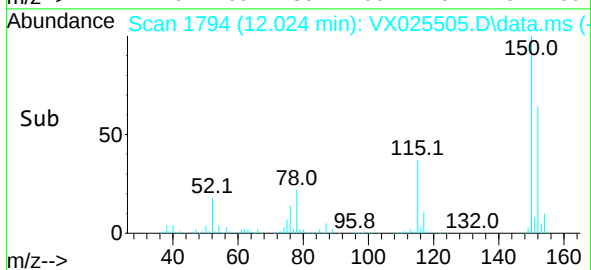
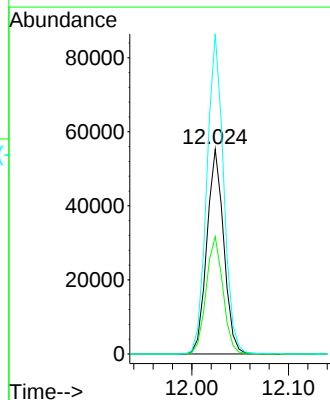
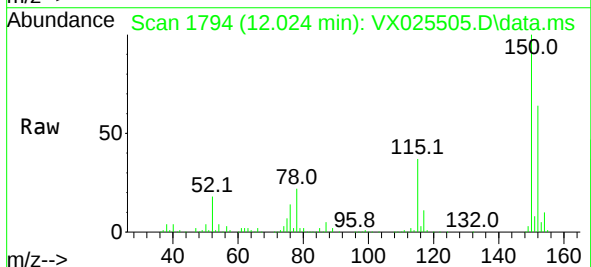
Instrument :
MSVOA_X
ClientSampleId :

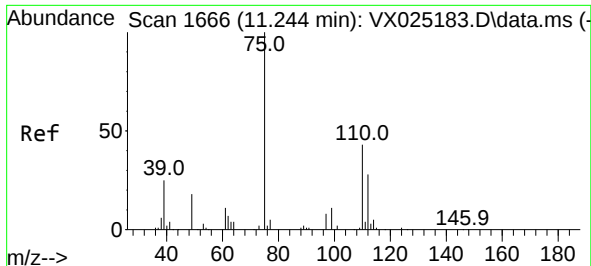
Tgt Ion:117 Resp: 156987
Ion Ratio Lower Upper
117 100
82 52.1 44.6 67.0
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Tgt Ion:152 Resp: 67281
Ion Ratio Lower Upper
152 100
115 57.1 43.3 129.8
150 155.4 0.0 351.2

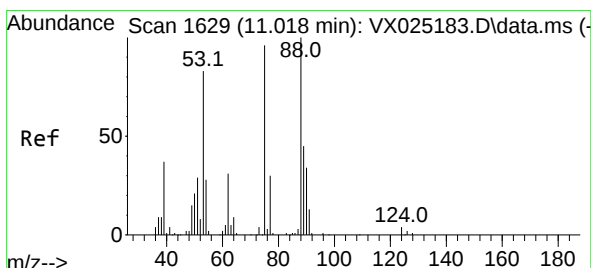
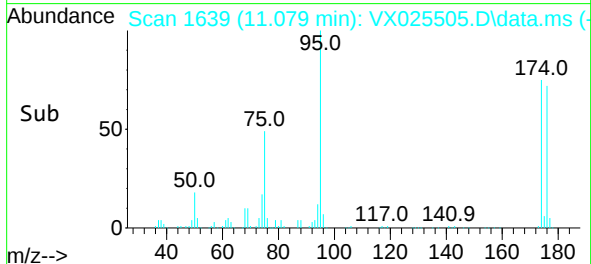
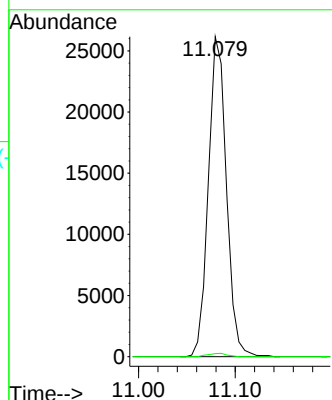
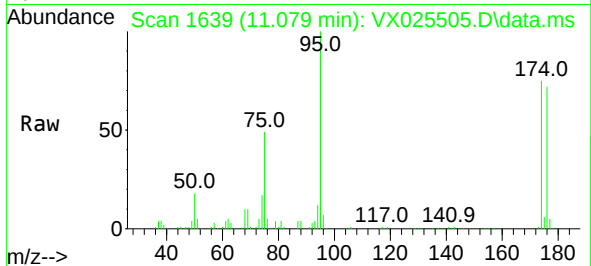




#76
1,2,3-Trichloropropane
Concen: 24.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

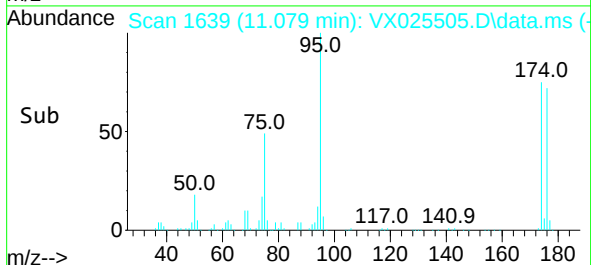
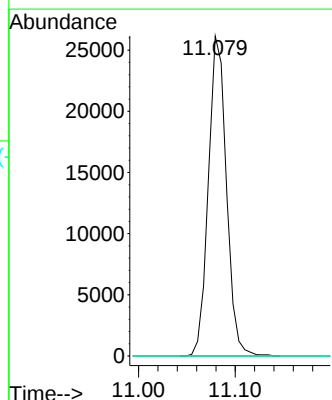
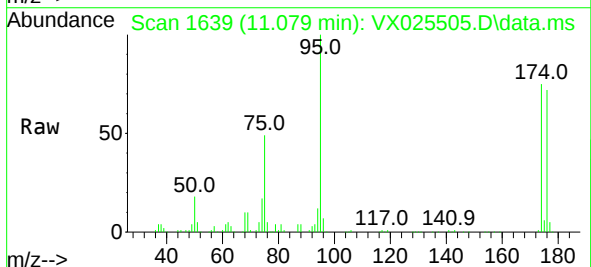
Instrument :
MSVOA_X
ClientSampleId :

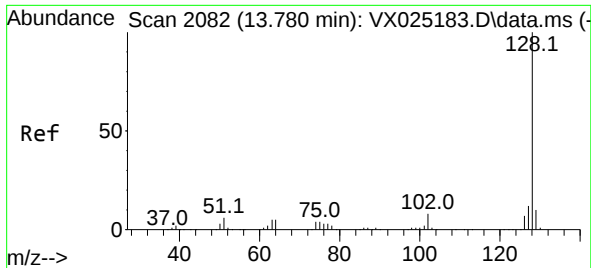
Tgt Ion: 75 Resp: 33896
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025505.D
Acq: 04 Dec 2021 00:53

Tgt Ion: 75 Resp: 33896
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: 13.786 min Scan# 20

Delta R.T. 0.006 min

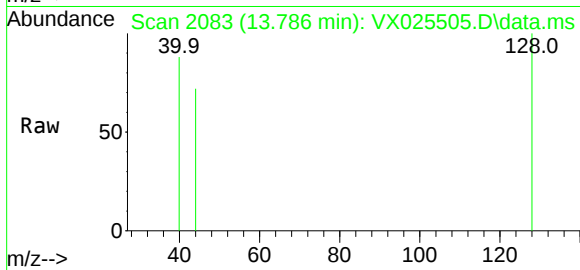
Lab File: VX025505.D

Acq: 04 Dec 2021 00:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 107

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

