

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025878.D
 Acq On : 17 Dec 2021 12:10
 Operator : JC/MD
 Sample : VX1218MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 02:26:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

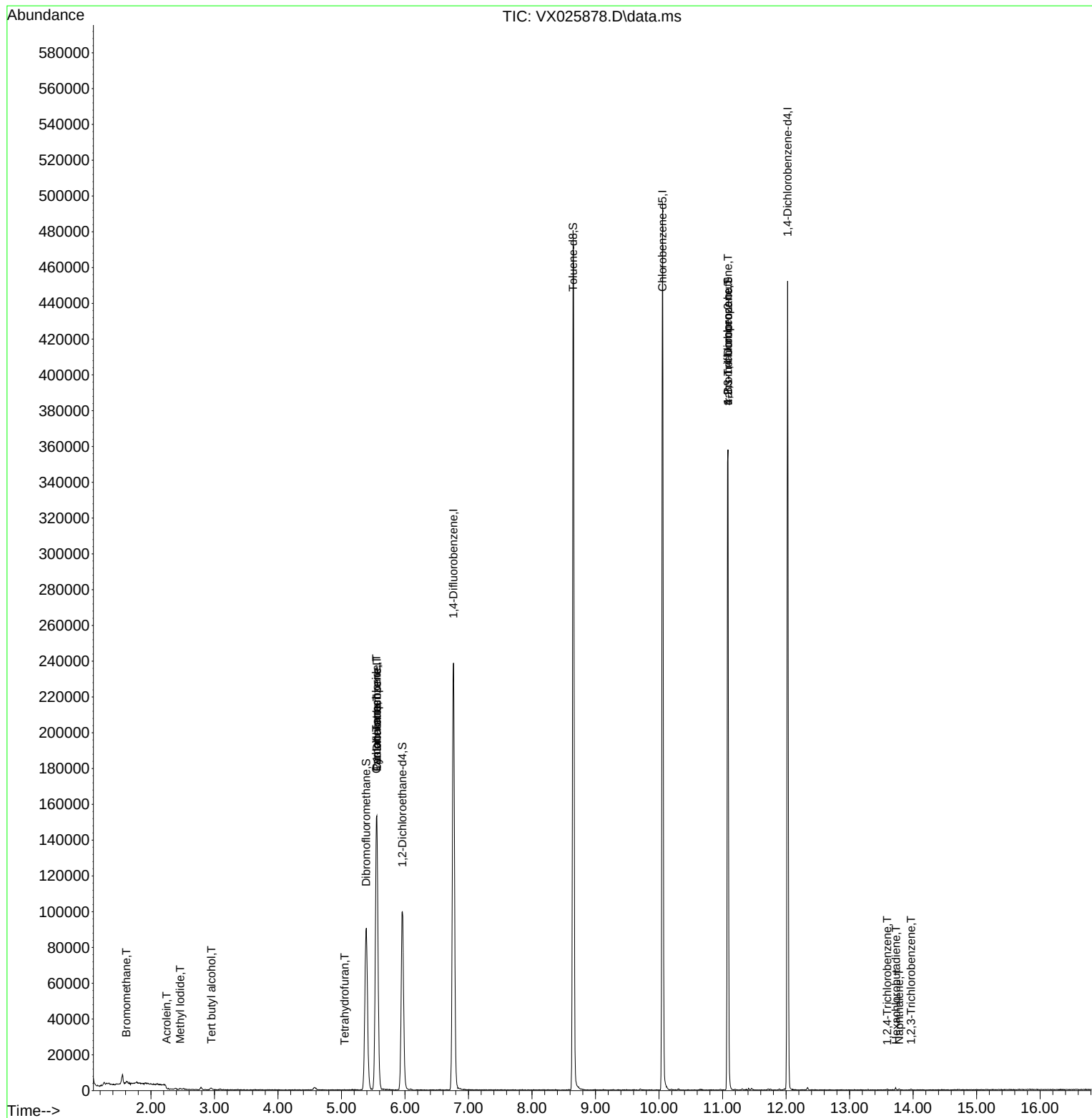
Internal Standards						
1) Pentafluorobenzene	5.556	168	145833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93904	44.753	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.500%		
35) Dibromofluoromethane	5.385	113	78665	45.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.820%		
50) Toluene-d8	8.647	98	292002	46.263	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.520%		
62) 4-Bromofluorobenzene	11.085	95	98759	41.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.380%#		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	725	0.562	ug/l	96
10) Methyl Iodide	2.459	142	687	0.347	ug/l #	82
11) Tert butyl alcohol	2.953	59	481	1.143	ug/l #	73
13) Acrolein	2.245	56	119	0.414	ug/l #	14
16) Acetone	2.386	43	837	Below Cal	#	87
20) Methylene Chloride	2.800	84	601	Below Cal	#	65
29) Tetrahydrofuran	5.050	42	189	0.211	ug/l #	32
31) Cyclohexane	5.556	56	3507	1.374	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	11790	5.019	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15156	5.545	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	51077	24.501	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51077	75.959	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.591	180	224	3.485	ug/l	87
94) Hexachlorobutadiene	13.731	225	267	0.416	ug/l #	72
95) Naphthalene	13.780	128	592	2.502	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.969	180	201	3.098	ug/l	97

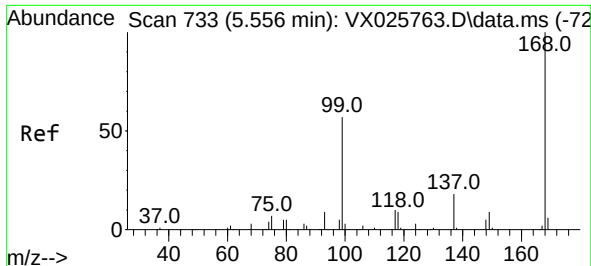
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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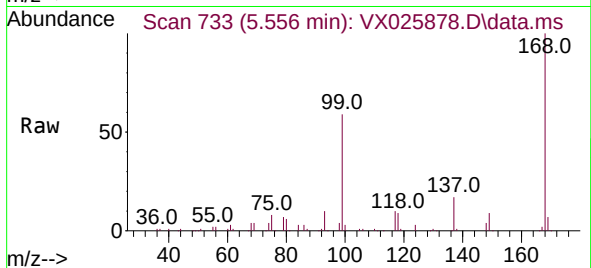
Quant Time: Dec 19 02:26:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



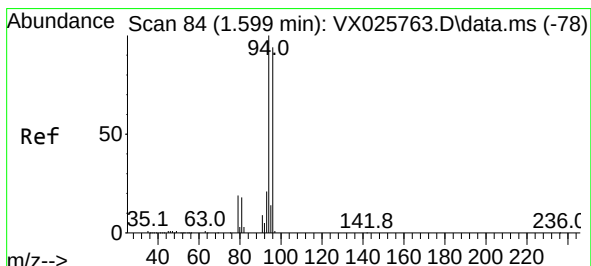
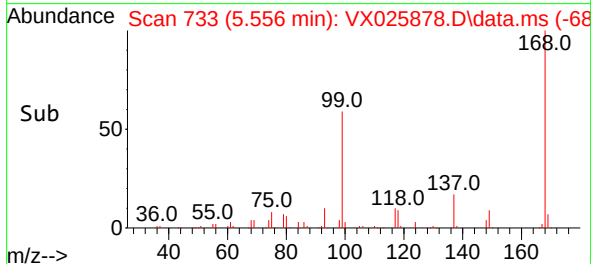
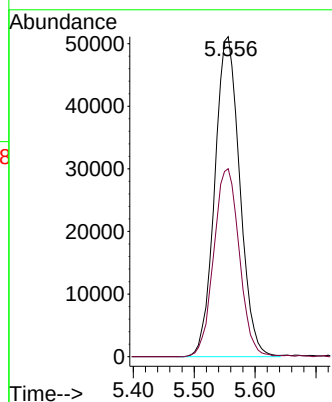


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :

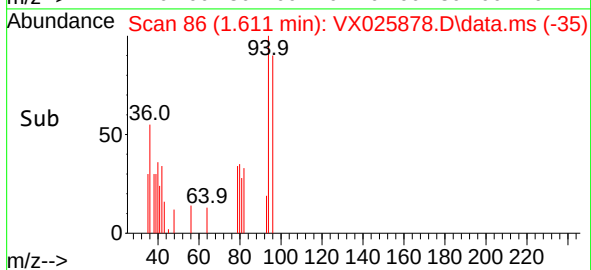
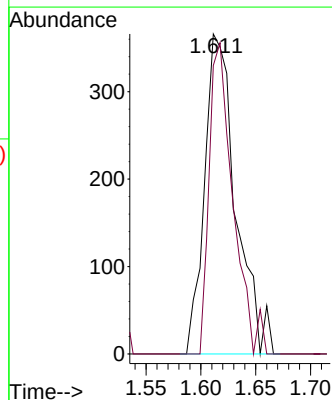
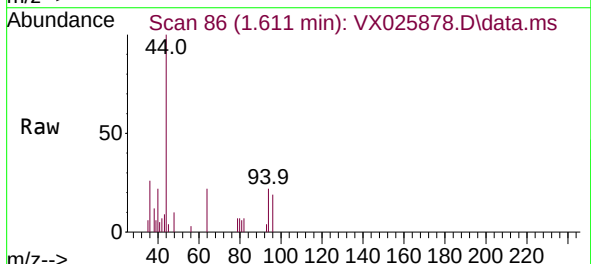


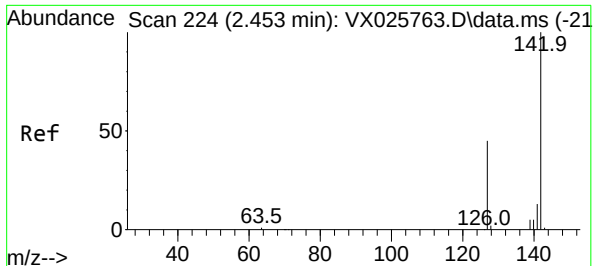
Tgt Ion:168 Resp: 145833
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.8



#5
Bromomethane
Concen: 0.562 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

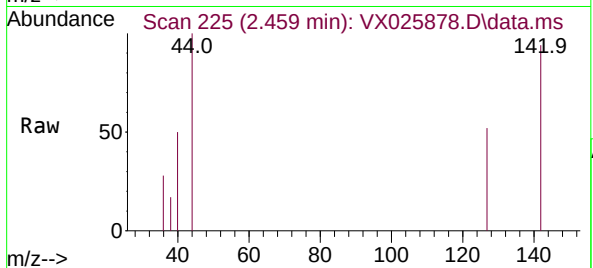
Tgt Ion: 94 Resp: 725
Ion Ratio Lower Upper
94 100
96 90.2 75.0 112.4



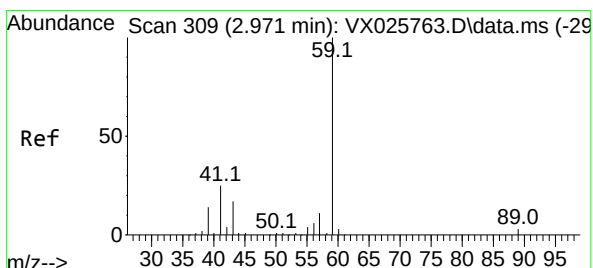
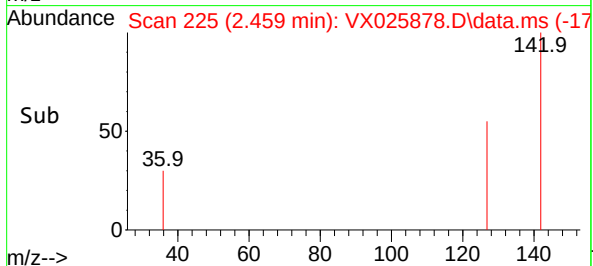
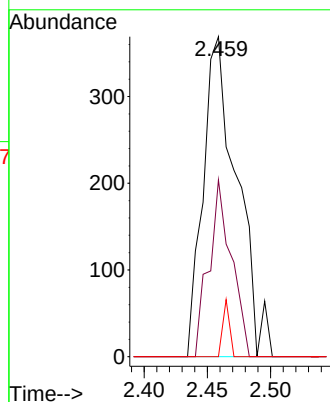


#10
Methyl Iodide
Concen: 0.347 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :

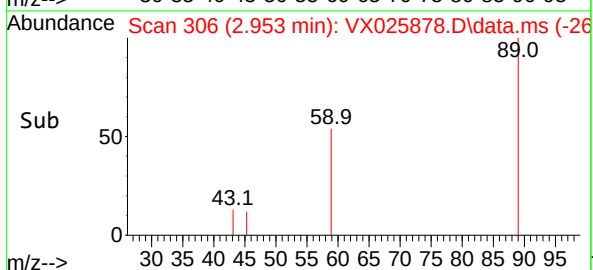
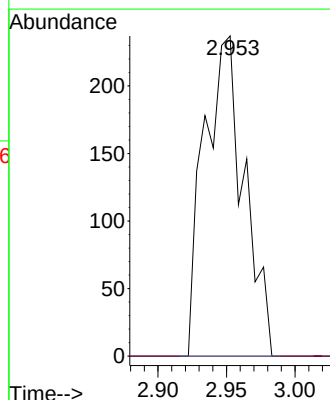
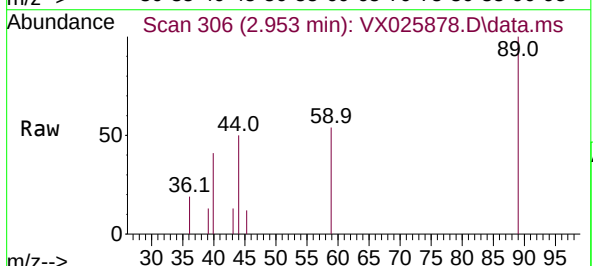


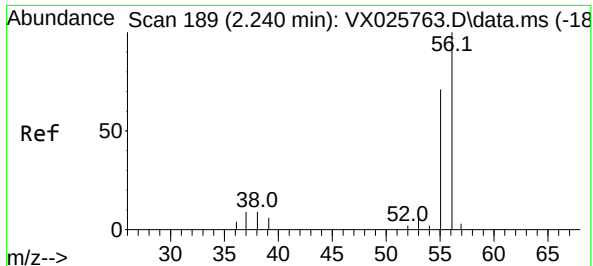
Tgt Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
127 36.8 37.5 56.3#
141 3.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.143 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.019 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.414 ug/l

RT: 2.245 min Scan# 119

Delta R.T. 0.006 min

Lab File: VX025878.D

Acq: 17 Dec 2021 12:10

Instrument :

MSVOA_X

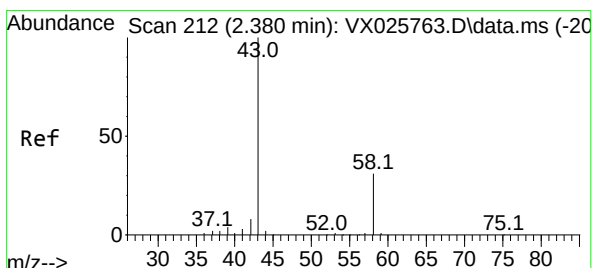
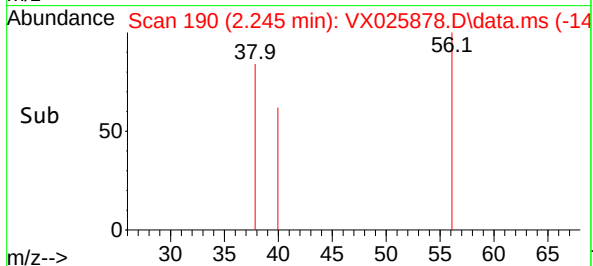
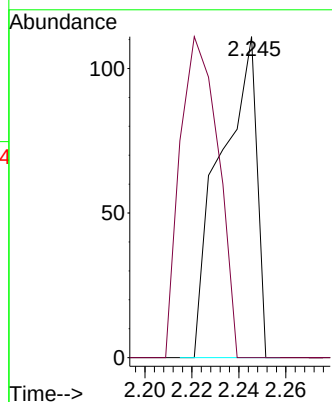
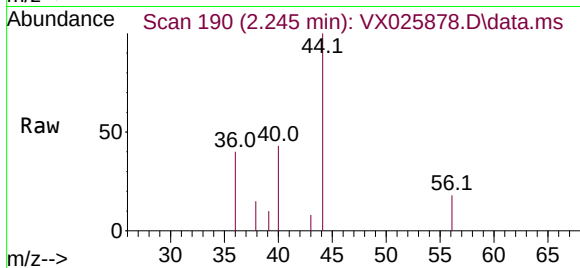
ClientSampleId :

Tgt Ion: 56 Resp: 119

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025878.D

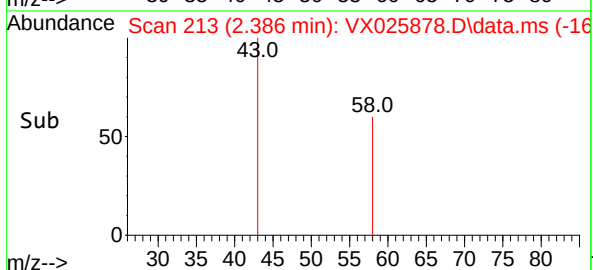
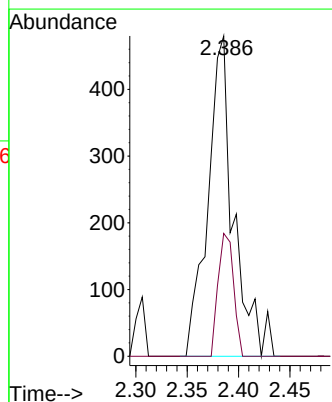
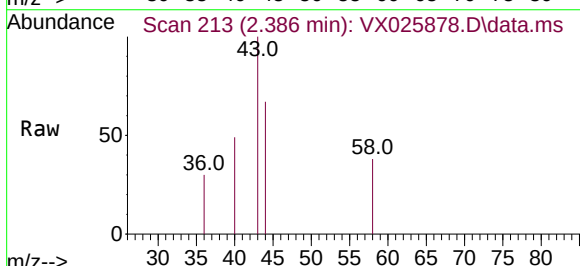
Acq: 17 Dec 2021 12:10

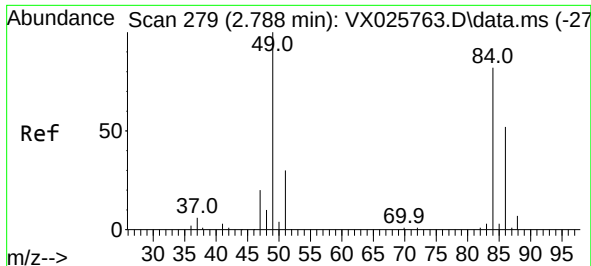
Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

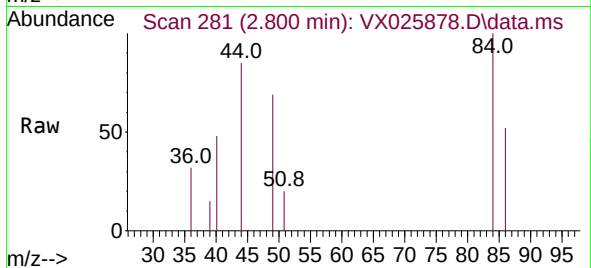
58 38.3 24.8 37.2#



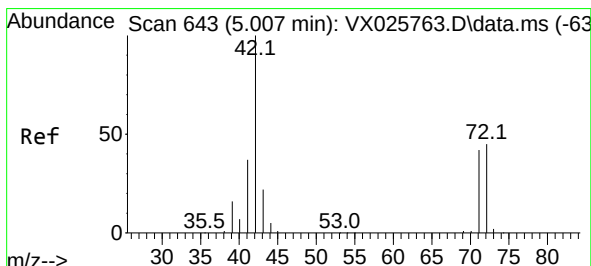
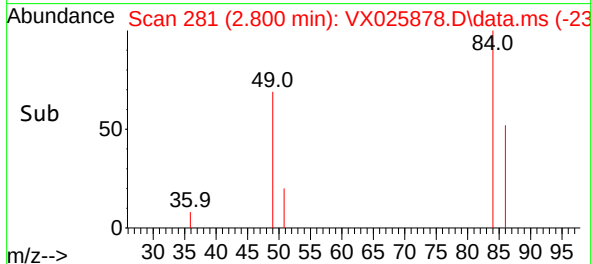
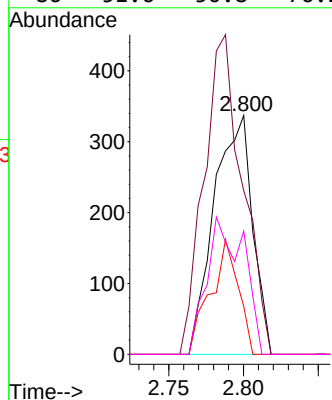


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :

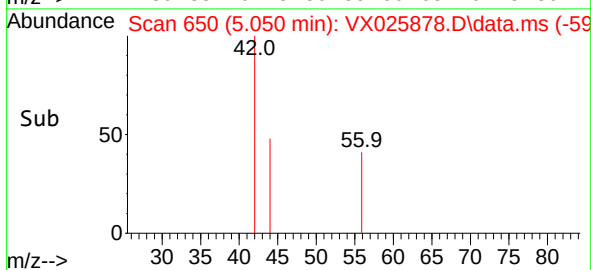
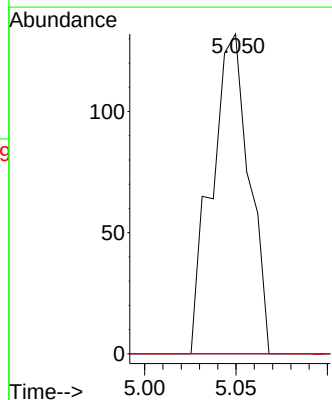
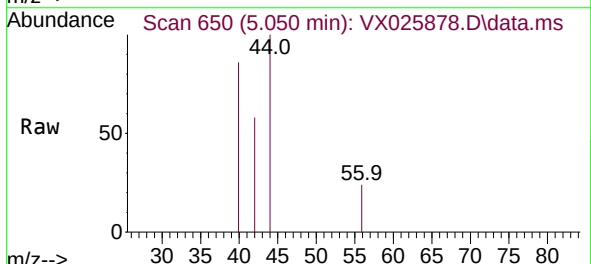


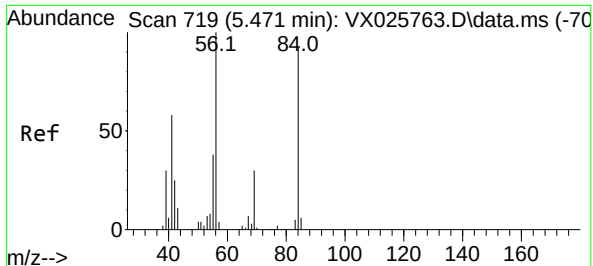
Tgt Ion: 84 Resp: 601
Ion Ratio Lower Upper
84 100
49 68.5 97.1 145.7#
51 20.2 29.3 43.9#
86 51.6 50.8 76.2



#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.042 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

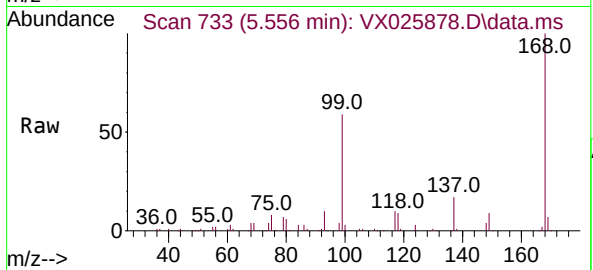
Tgt Ion: 42 Resp: 189
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.6#
71 0.0 34.1 51.1#



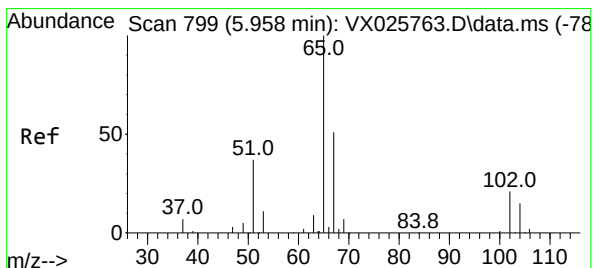
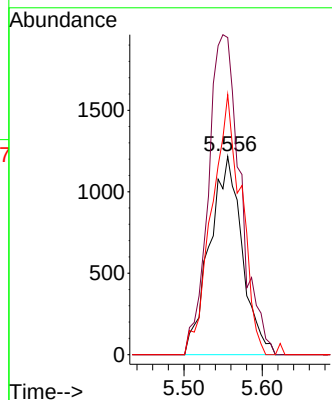
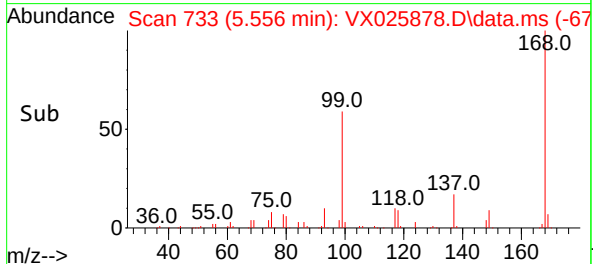


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :

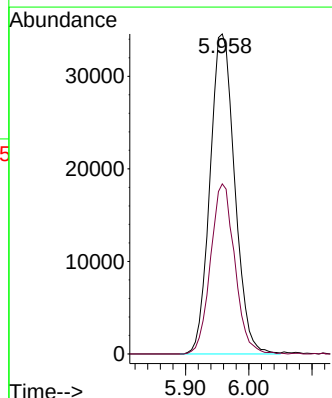
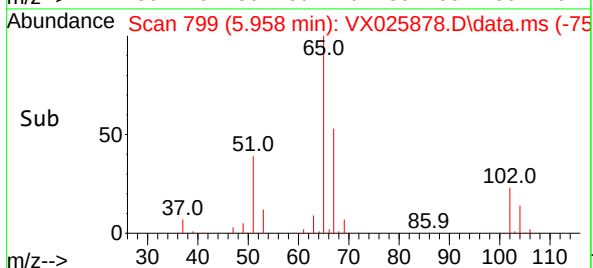
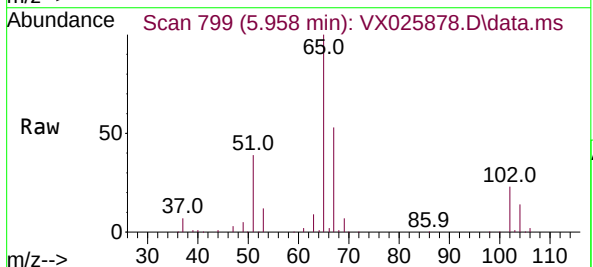


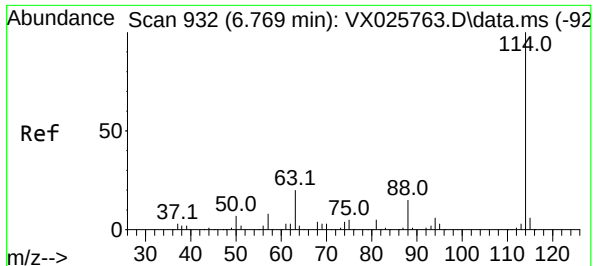
Tgt Ion: 56 Resp: 3507
Ion Ratio Lower Upper
56 100
69 159.9 23.9 35.9#
84 131.1 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 44.753 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Tgt Ion: 65 Resp: 93904
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4

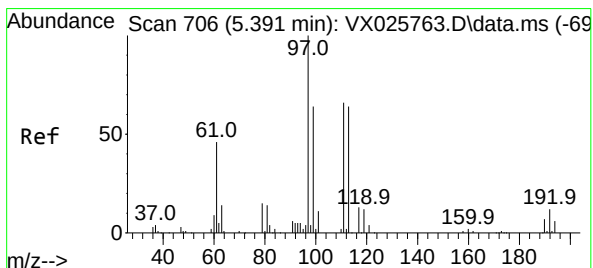
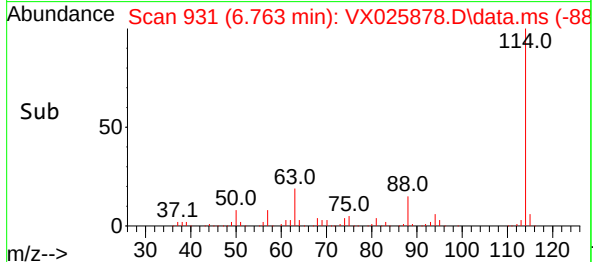
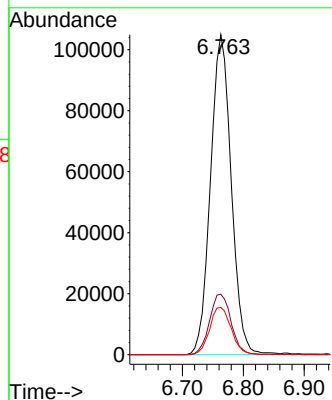
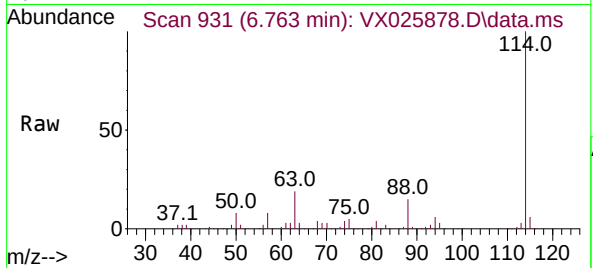




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

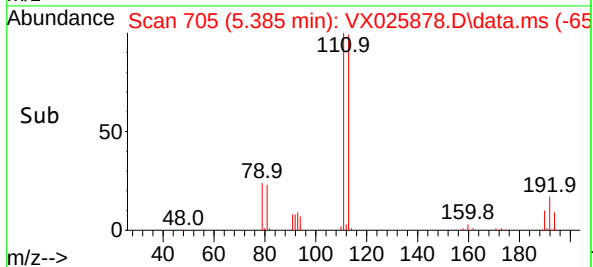
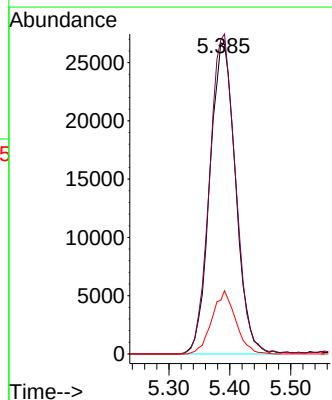
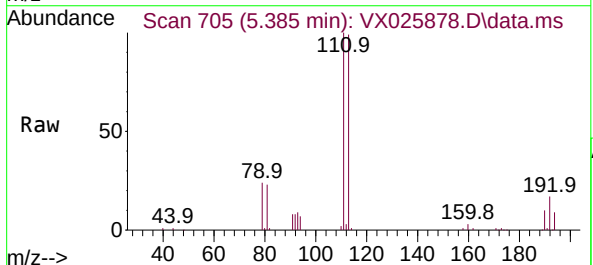
Instrument :
MSVOA_X
ClientSampleId :

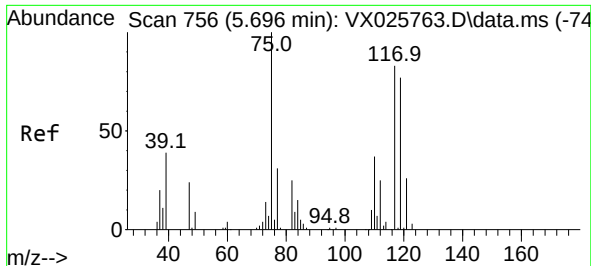
Tgt Ion:114 Resp: 248394
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.410 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

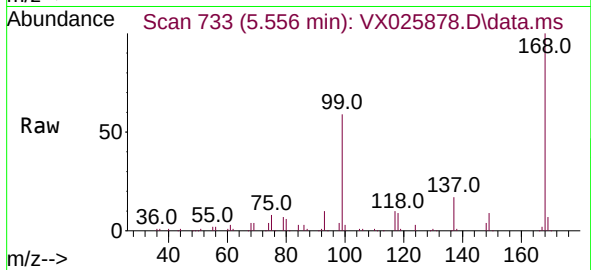
Tgt Ion:113 Resp: 78665
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.7 15.0 22.4



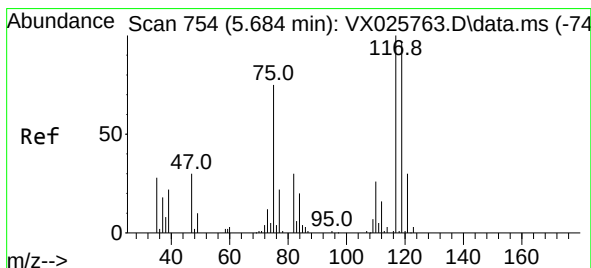
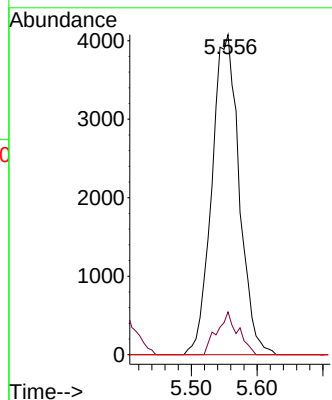
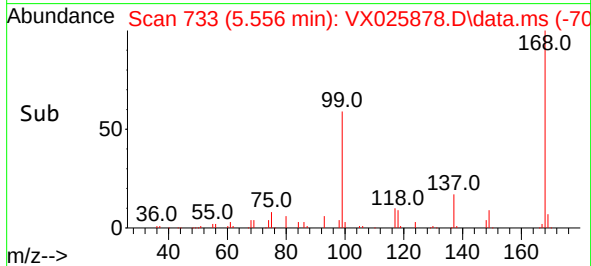


#36
1,1-Dichloropropene
Concen: 5.019 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :

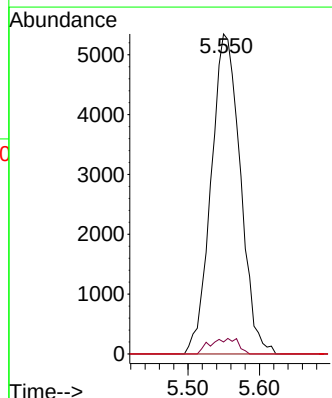
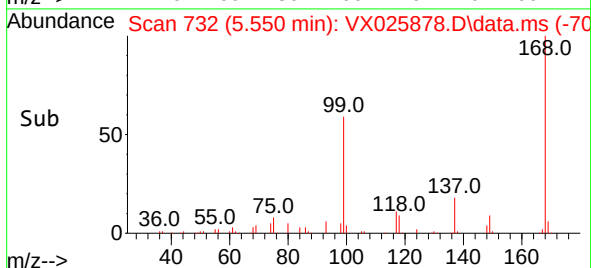
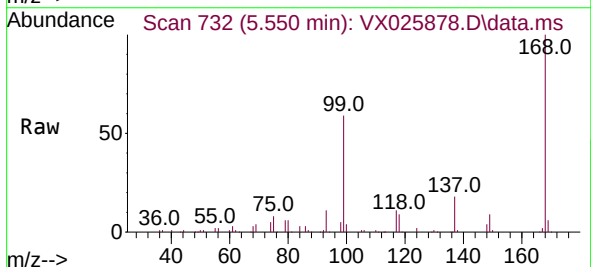


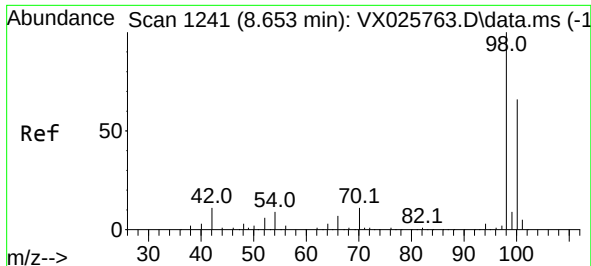
Tgt Ion: 75 Resp: 11790
Ion Ratio Lower Upper
75 100
110 10.4 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Tgt Ion: 117 Resp: 15156
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 23.8 35.8#

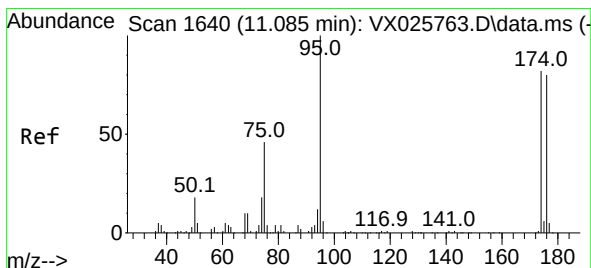
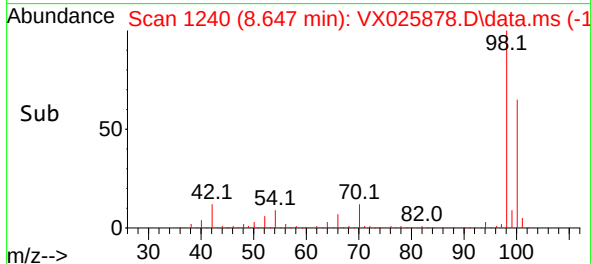
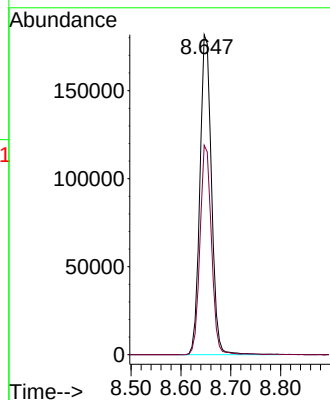
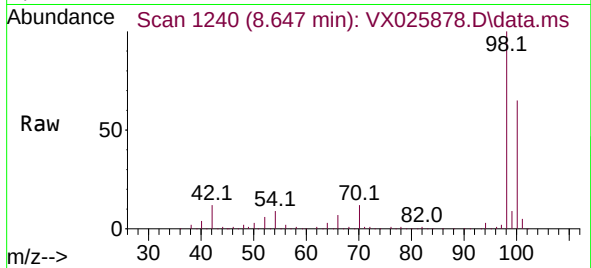




#50
Toluene-d8
Concen: 46.263 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

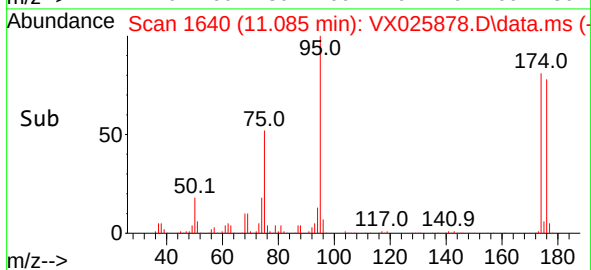
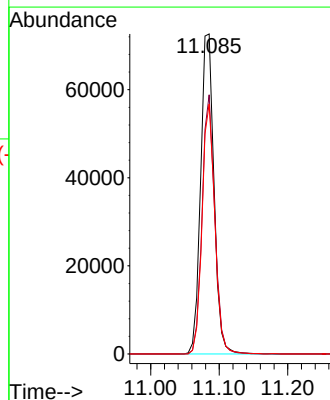
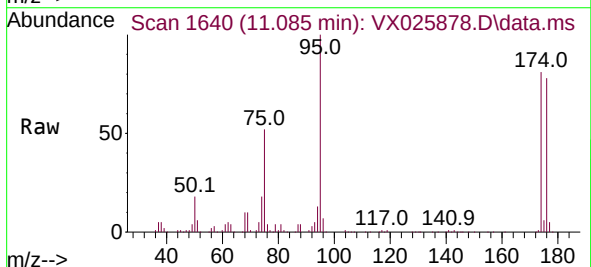
Instrument :
MSVOA_X
ClientSampleId :

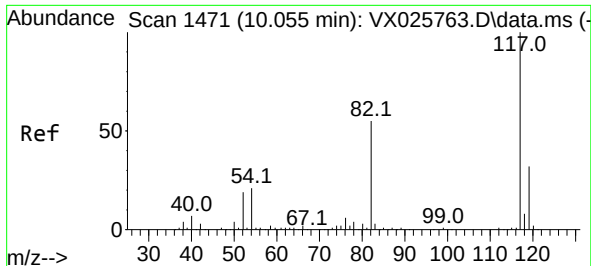
Tgt Ion: 98 Resp: 292002
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.191 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Tgt Ion: 95 Resp: 98759
Ion Ratio Lower Upper
95 100
174 76.7 0.0 157.4
176 74.6 0.0 154.6

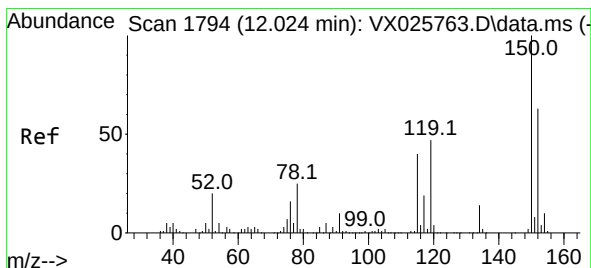
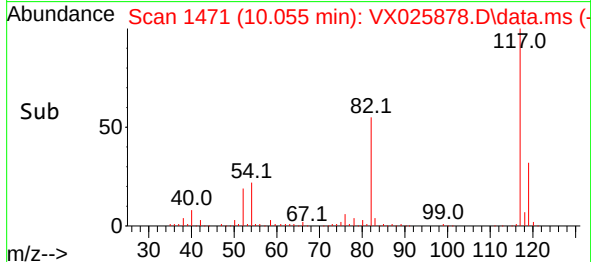
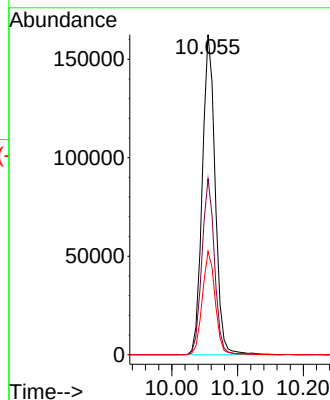
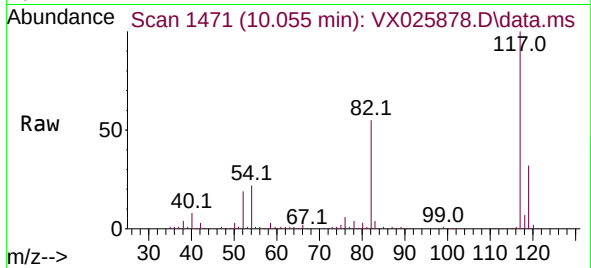




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

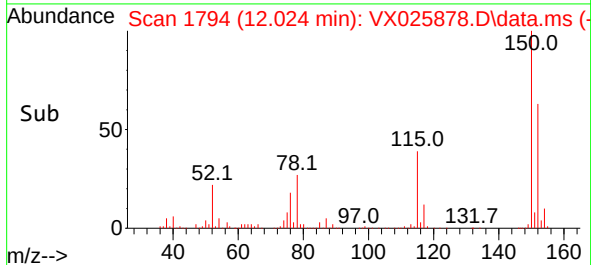
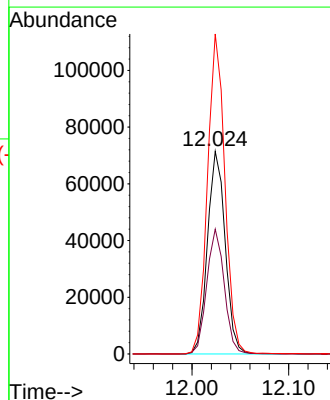
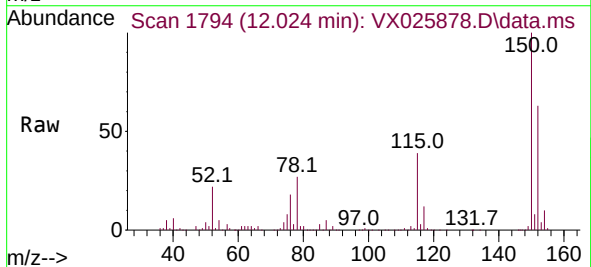
Instrument :
MSVOA_X
ClientSampleId :

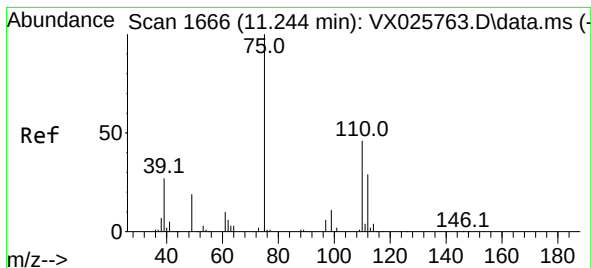
Tgt Ion:117 Resp: 221056
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Tgt Ion:152 Resp: 90989
Ion Ratio Lower Upper
152 100
115 61.2 41.3 123.9
150 155.2 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 24.501 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX025878.D

Acq: 17 Dec 2021 12:10

Instrument :

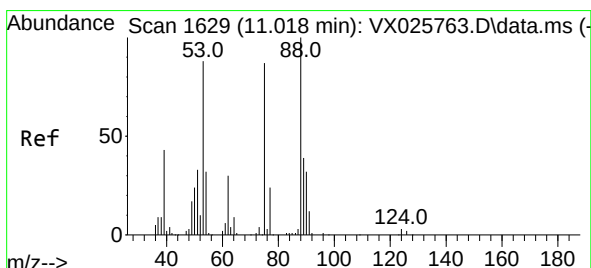
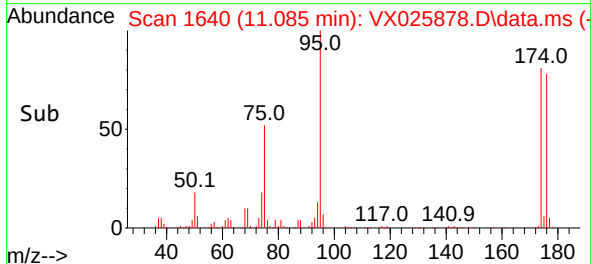
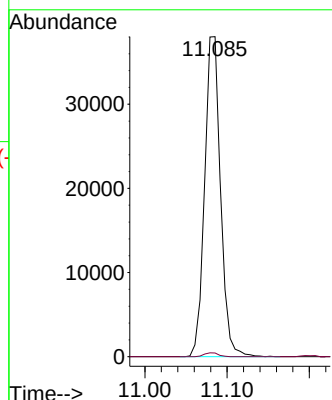
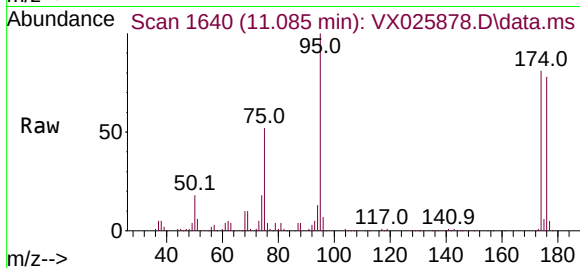
MSVOA_X

ClientSampleId :

Tgt Ion: 75 Resp: 51077

Ion Ratio Lower Upper

75 100
77 1.1 19.0 57.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.959 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

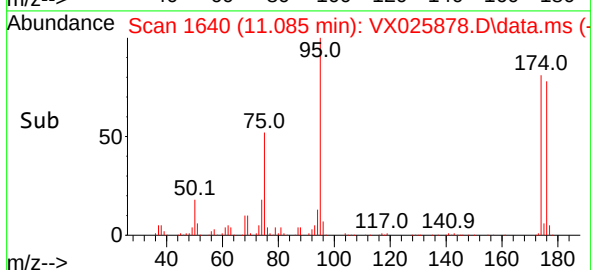
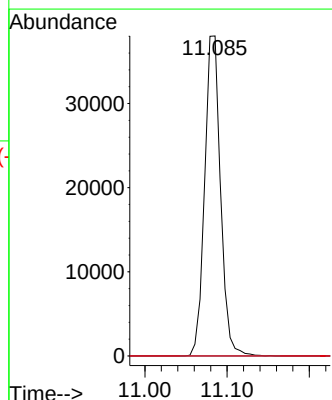
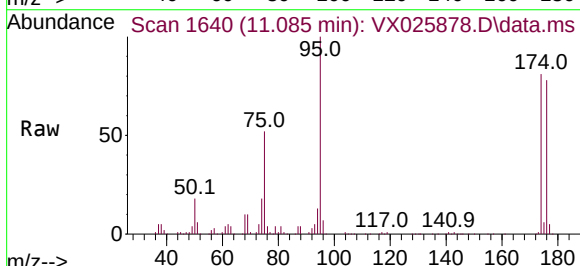
Lab File: VX025878.D

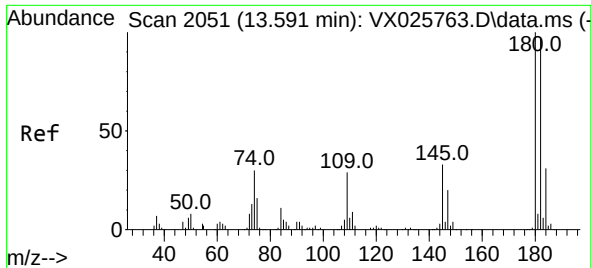
Acq: 17 Dec 2021 12:10

Tgt Ion: 75 Resp: 51077

Ion Ratio Lower Upper

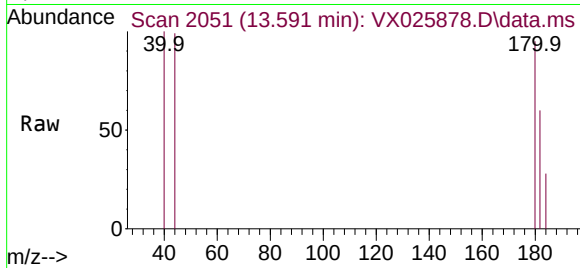
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



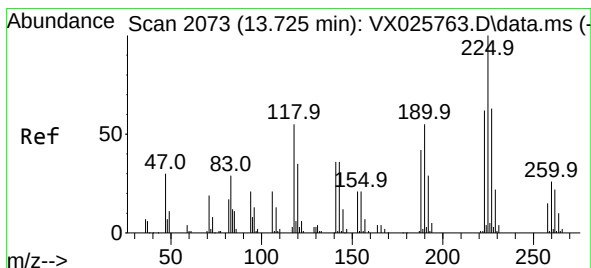
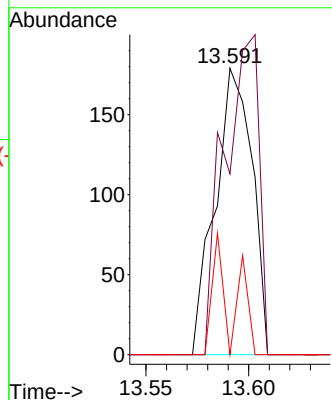
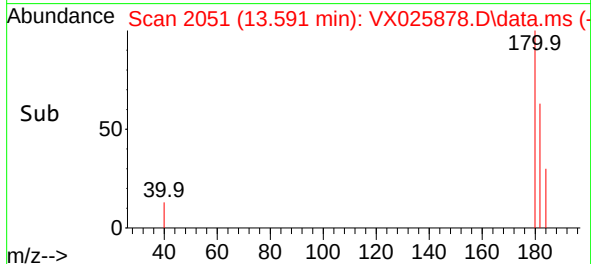


#93
1,2,4-Trichlorobenzene
Concen: 3.485 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

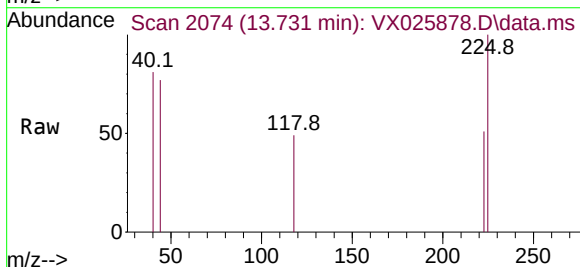
Instrument :
MSVOA_X
ClientSampleId :



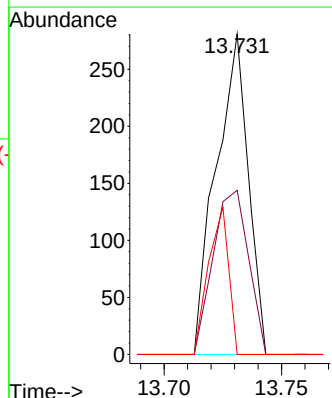
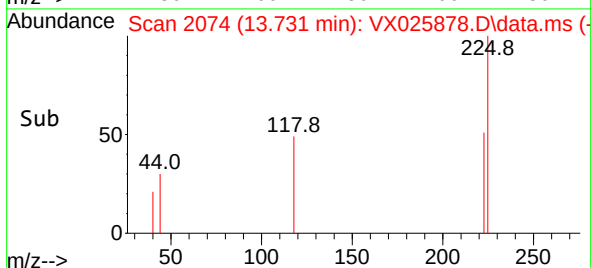
Tgt Ion:180 Resp: 224
Ion Ratio Lower Upper
180 100
182 104.9 47.2 141.6
145 22.3 16.3 48.9

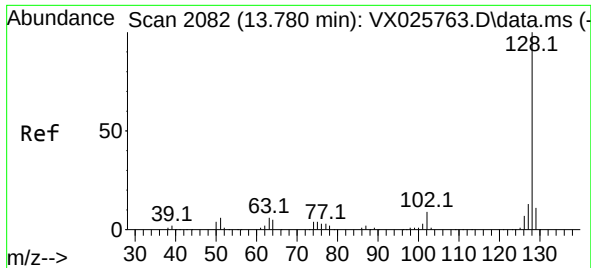


#94
Hexachlorobutadiene
Concen: 0.416 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10



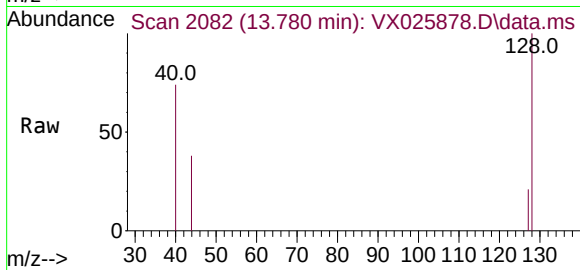
Tgt Ion:225 Resp: 267
Ion Ratio Lower Upper
225 100
223 56.6 31.6 95.0
227 28.8 32.5 97.5#



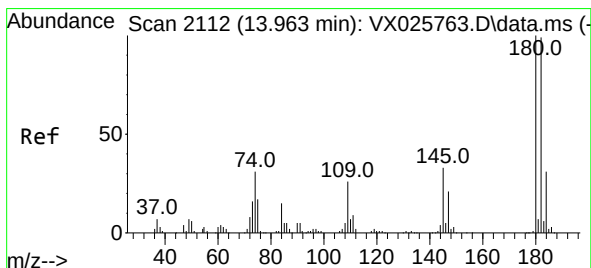
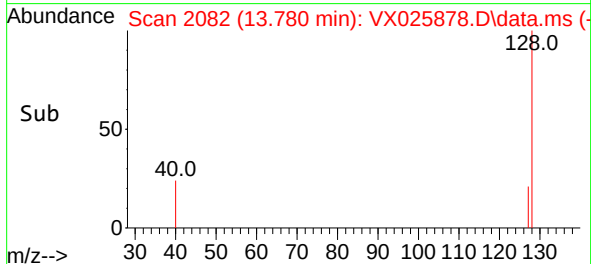
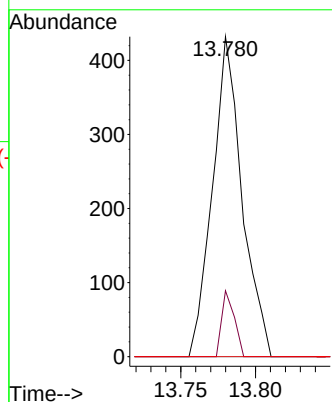


#95
Naphthalene
Concen: 2.502 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128	Resp:	592
Ion	Ratio	Lower Upper
128	100	
127	8.8	10.3 15.5#
129	0.0	8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.098 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025878.D
Acq: 17 Dec 2021 12:10

Tgt Ion:180	Resp:	201
Ion	Ratio	Lower Upper
180	100	
182	93.0	47.5 142.6
145	30.8	16.7 50.1

