

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025885.D
 Acq On : 17 Dec 2021 15:06
 Operator : JC/MD
 Sample : M5137-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 02:29:07 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)

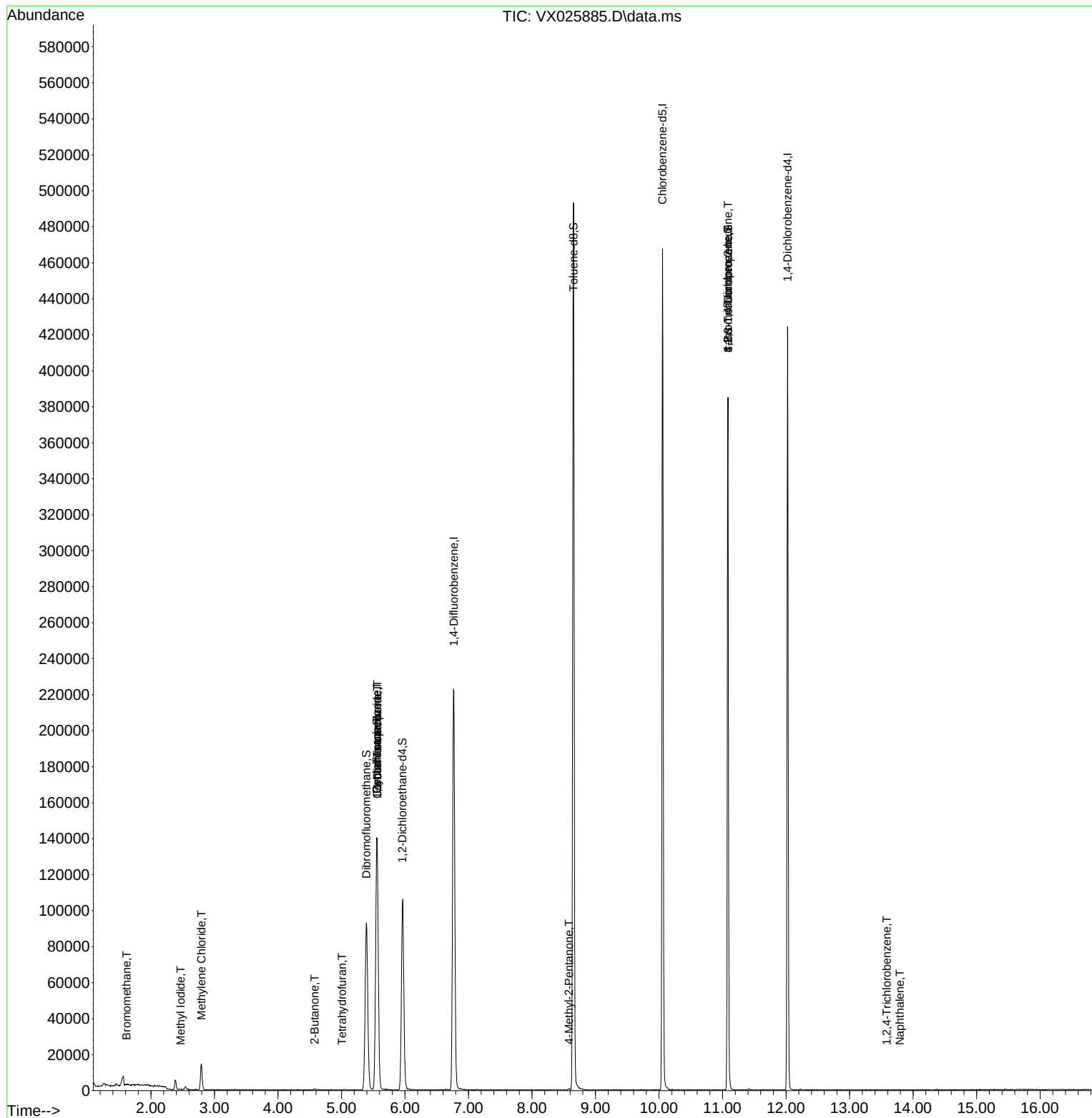
Internal Standards						
1) Pentafluorobenzene	5.556	168	127435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98825	53.898	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.391	113	78545	49.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	8.653	98	293175	50.440	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.880%			
62) 4-Bromofluorobenzene	11.085	95	100009	45.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.600%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	409	0.363	ug/l #	67
10) Methyl Iodide	2.465	142	360	0.208	ug/l #	74
16) Acetone	2.386	43	5876	Below Cal		98
20) Methylene Chloride	2.794	84	6553	1.849	ug/l	96
25) 2-Butanone	4.574	43	1220	0.989	ug/l	93
29) Tetrahydrofuran	5.007	42	195	0.249	ug/l #	32
31) Cyclohexane	5.556	56	3024	1.356	ug/l #	35
36) 1,1-Dichloropropene	5.562	75	11414	5.276	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13998	5.561	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	664	0.262	ug/l #	81
76) 1,2,3-Trichloropropane	11.085	75	51989	26.681	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51989	82.718	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.585	180	52	3.399	ug/l #	13
95) Naphthalene	13.792	128	102	2.428	ug/l #	69

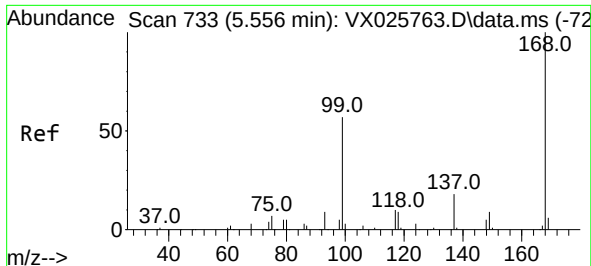
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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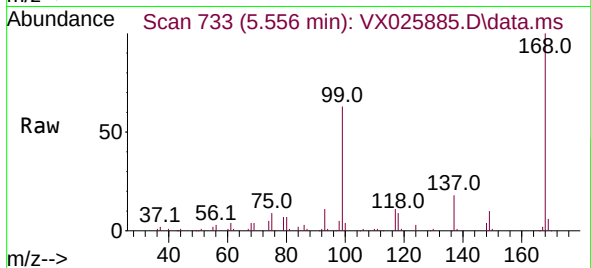
Quant Time: Dec 19 02:29:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
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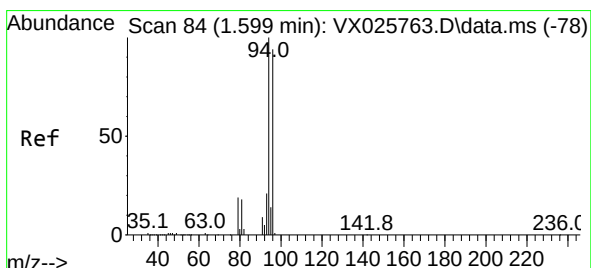
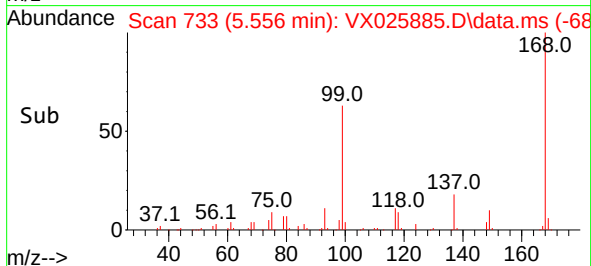
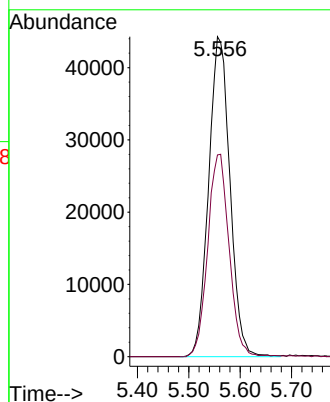


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :

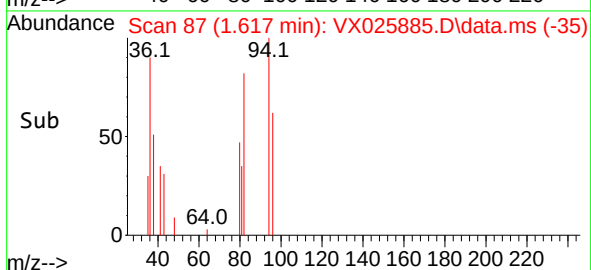
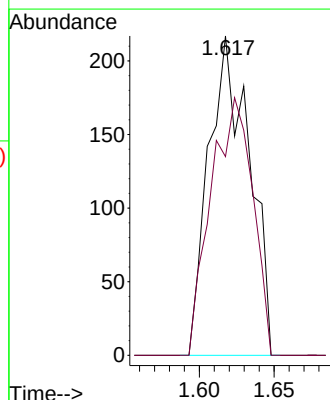
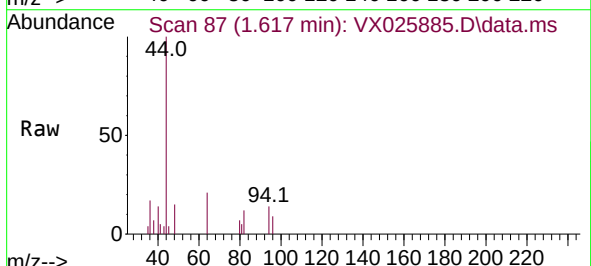


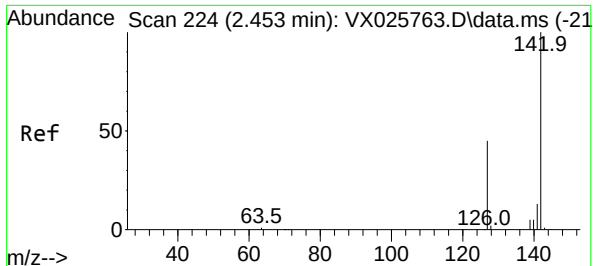
Tgt Ion:168 Resp: 127435
Ion Ratio Lower Upper
168 100
99 63.0 45.8 68.8



#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

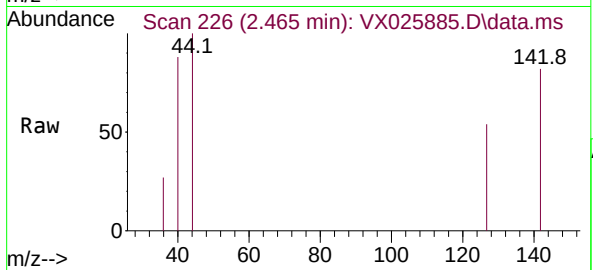
Tgt Ion: 94 Resp: 409
Ion Ratio Lower Upper
94 100
96 62.2 75.0 112.4#



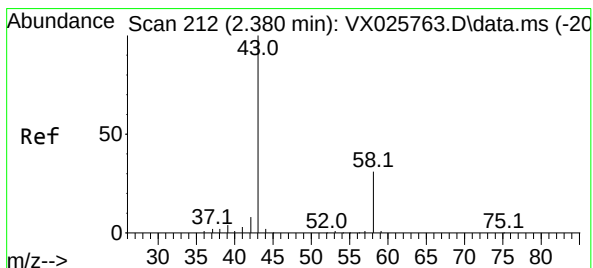
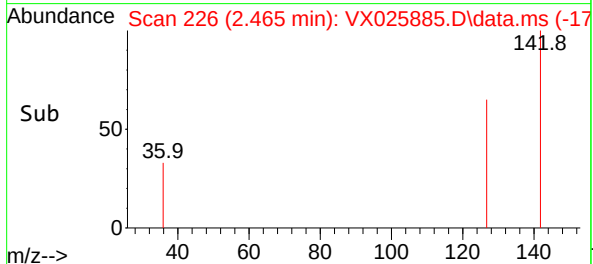
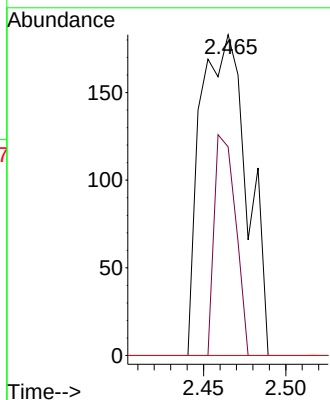


#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :

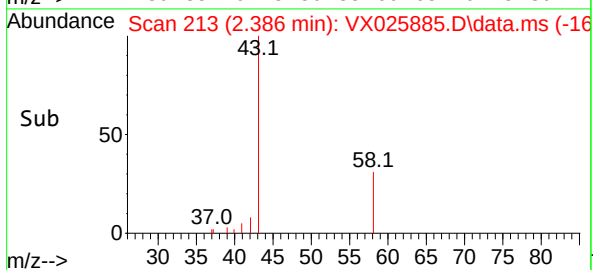
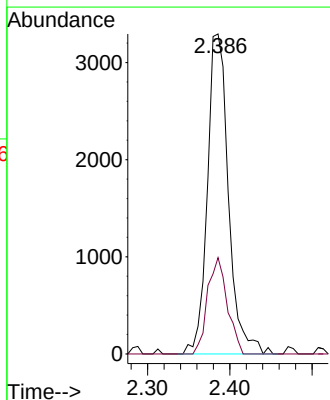
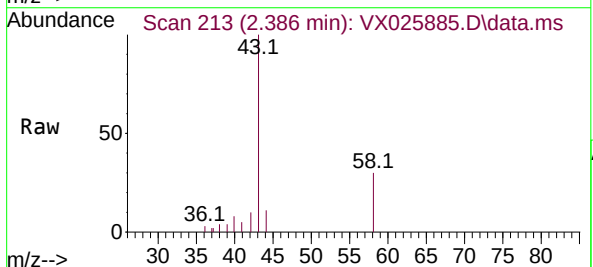


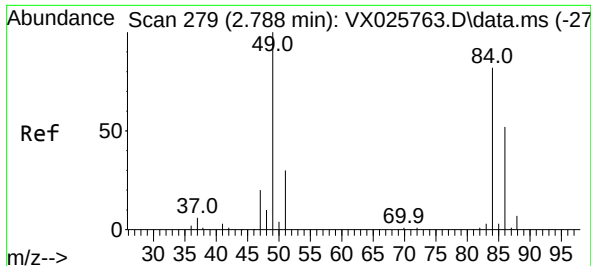
Tgt Ion:142 Resp: 360
Ion Ratio Lower Upper
142 100
127 31.4 37.5 56.3#
141 0.0 11.4 17.0#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Tgt Ion: 43 Resp: 5876
Ion Ratio Lower Upper
43 100
58 30.1 24.8 37.2





#20

Methylene Chloride

Concen: 1.849 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

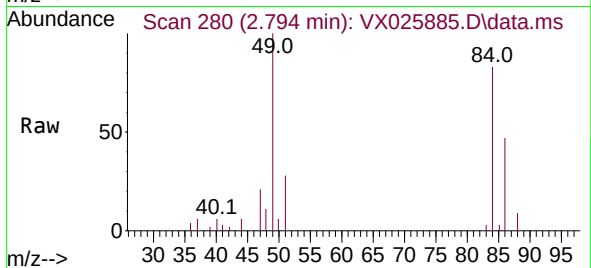
Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 6553

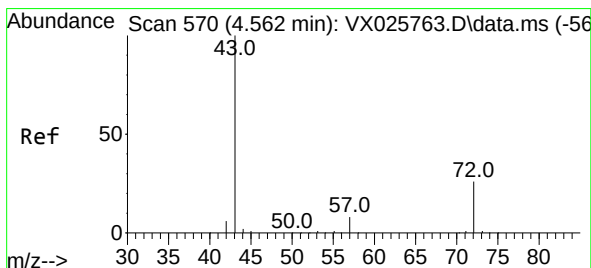
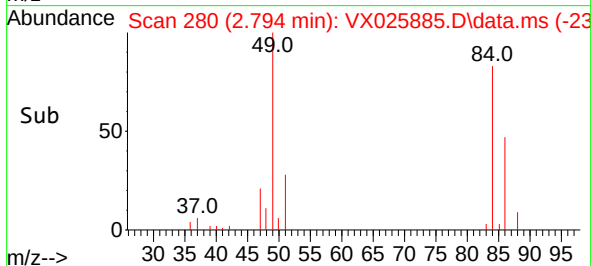
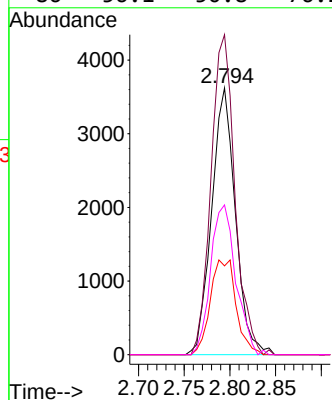
Ion Ratio Lower Upper

84 100

49 120.0 97.1 145.7

51 33.3 29.3 43.9

86 56.1 50.8 76.2



#25

2-Butanone

Concen: 0.989 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX025885.D

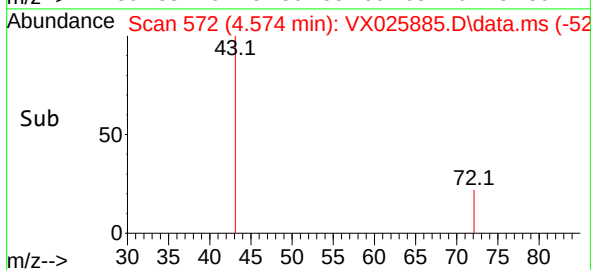
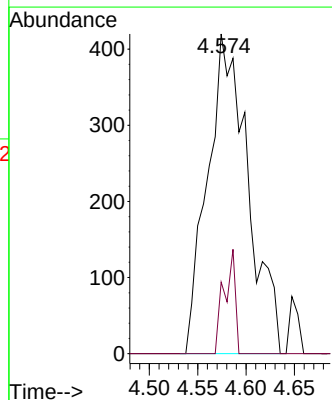
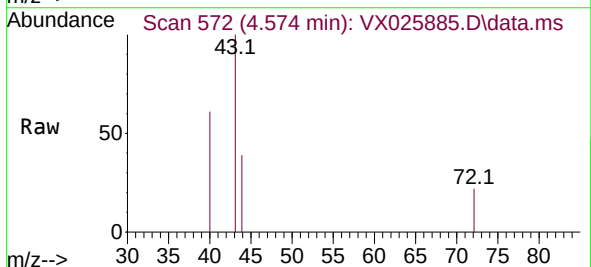
Acq: 17 Dec 2021 15:06

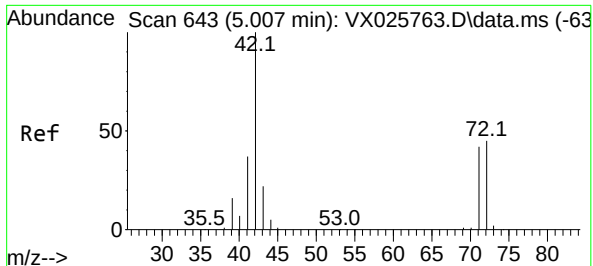
Tgt Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

72 22.4 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

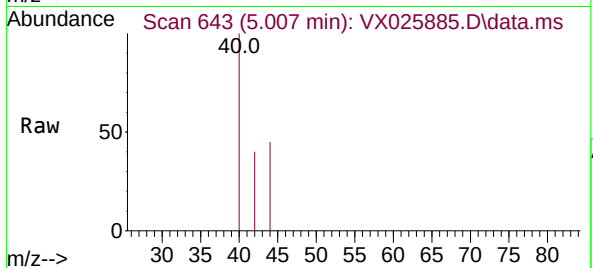
Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

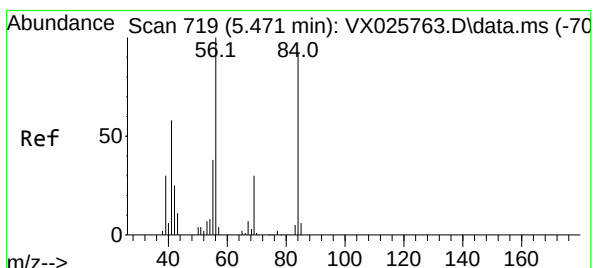
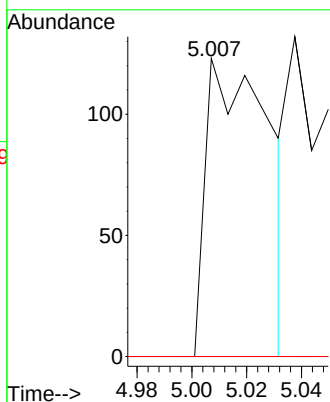
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	195
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.6#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.356 ug/l

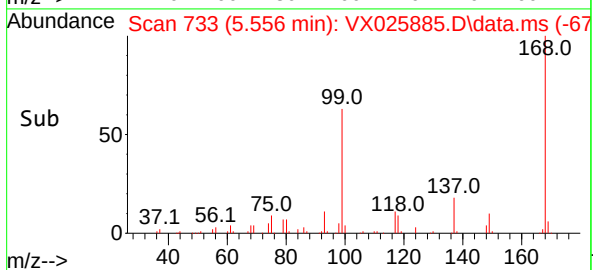
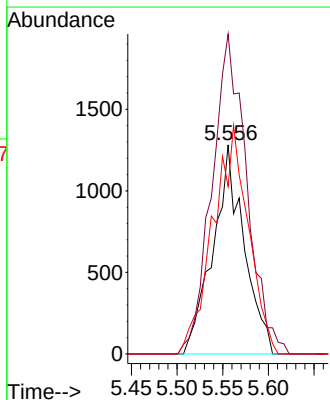
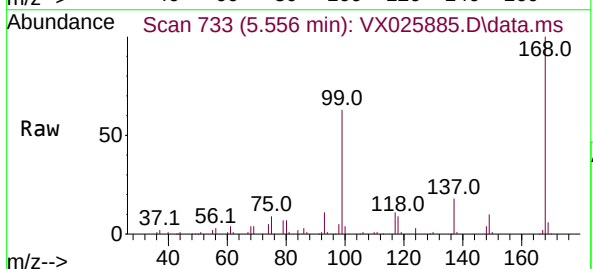
RT: 5.556 min Scan# 733

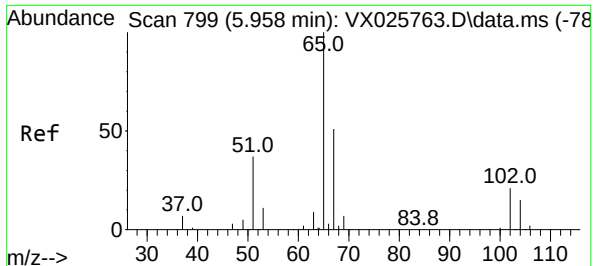
Delta R.T. 0.085 min

Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

Tgt Ion:	56	Resp:	3024
Ion	Ratio	Lower	Upper
56	100		
69	153.0	23.9	35.9#
84	80.1	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 53.898 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

Instrument :

MSVOA_X

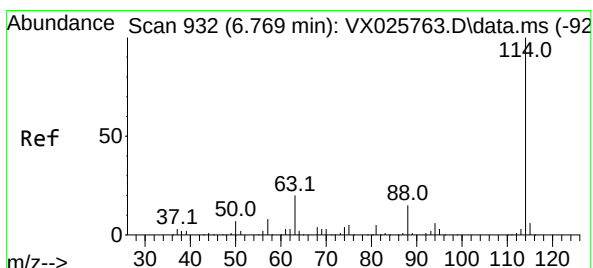
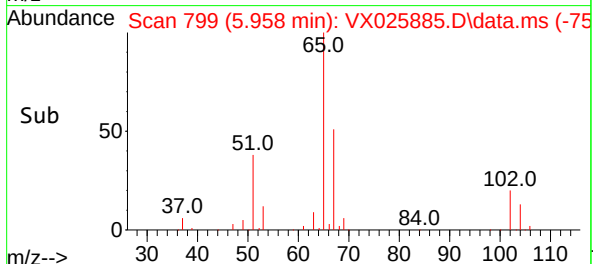
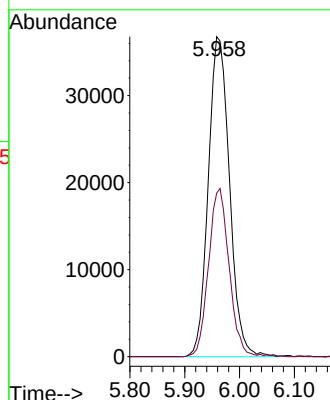
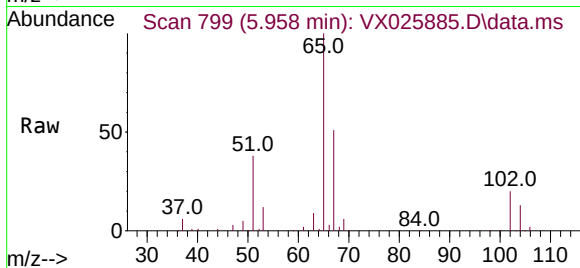
ClientSampleId :

Tgt Ion: 65 Resp: 98825

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

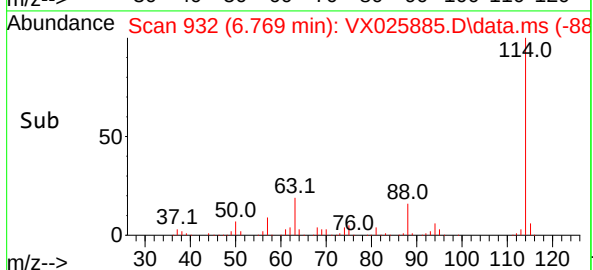
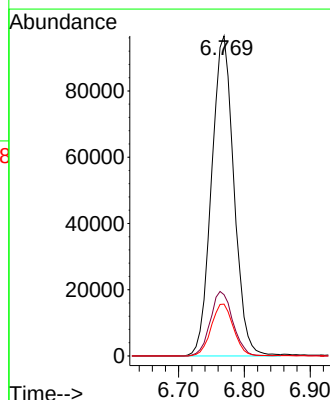
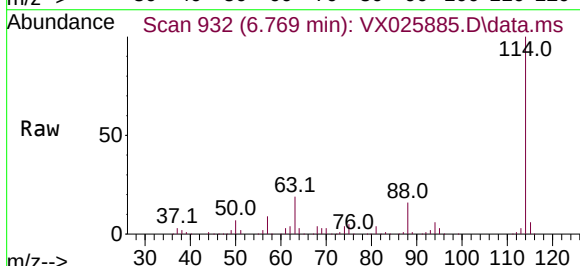
Tgt Ion: 114 Resp: 228742

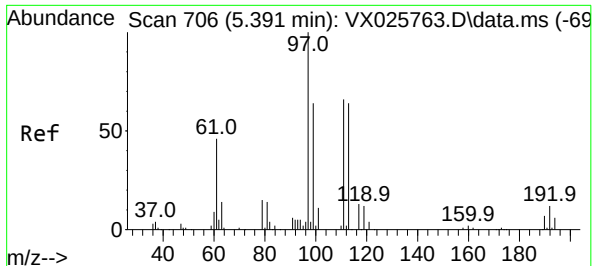
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.236 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

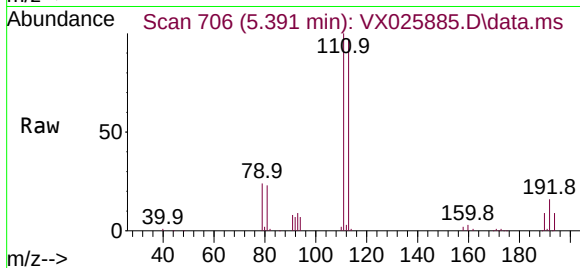
Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

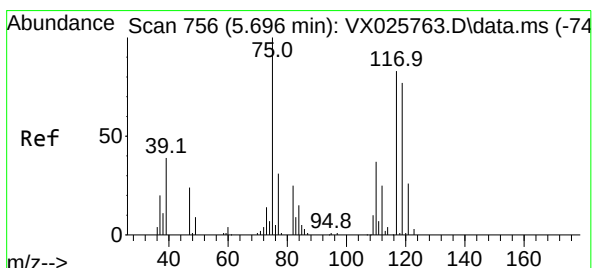
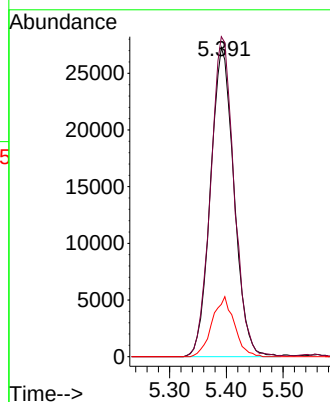
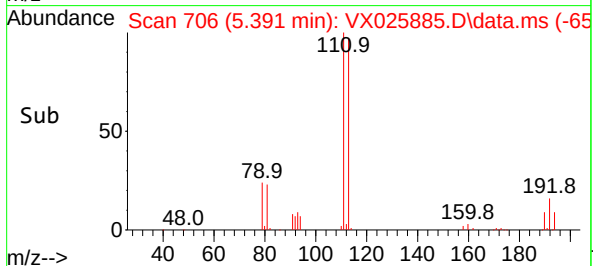
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	78545
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	18.3	15.0	22.4



#36

1,1-Dichloropropene

Concen: 5.276 ug/l

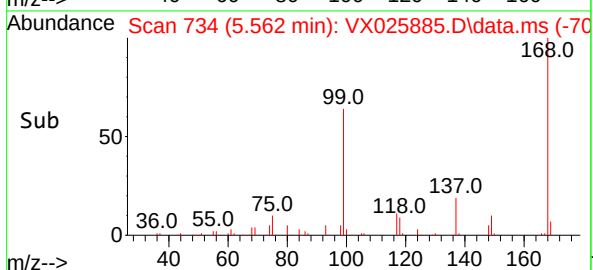
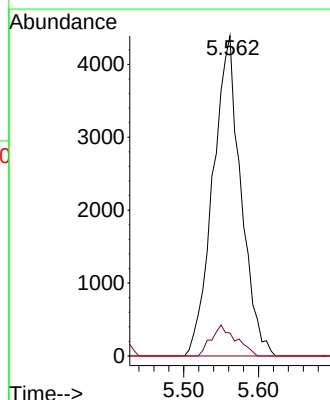
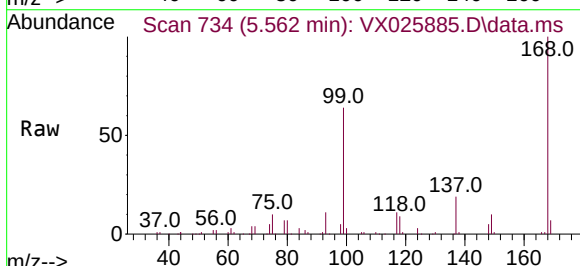
RT: 5.562 min Scan# 734

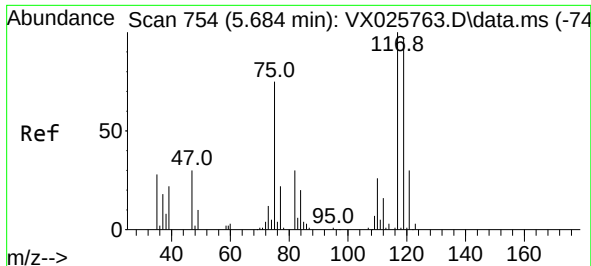
Delta R.T. -0.134 min

Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

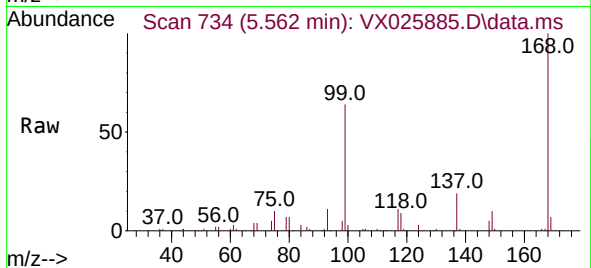
Tgt Ion:	75	Resp:	11414
Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	24.7	37.1#



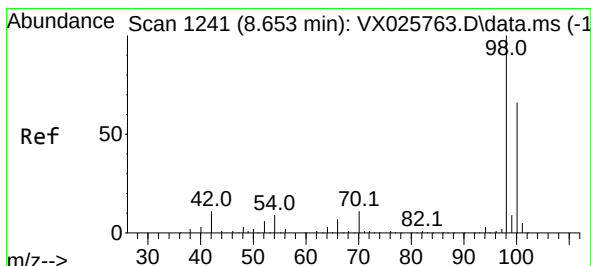
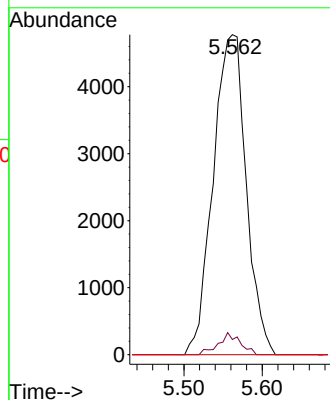
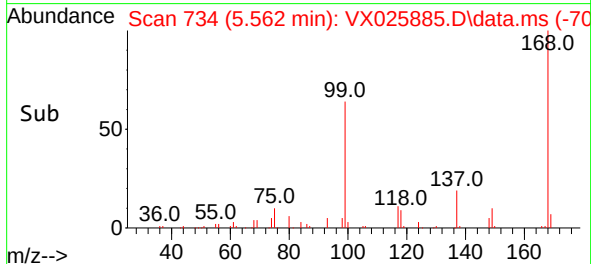


#38
Carbon Tetrachloride
Concen: 5.561 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :

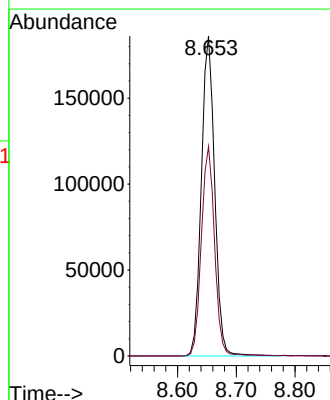
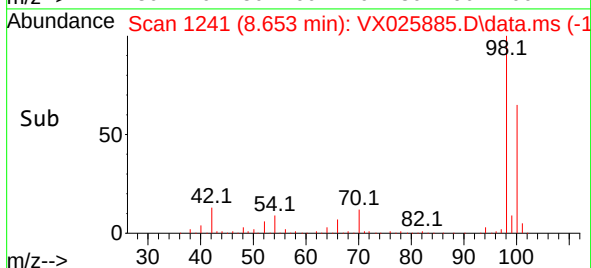
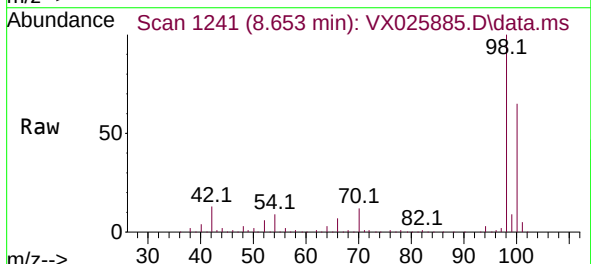


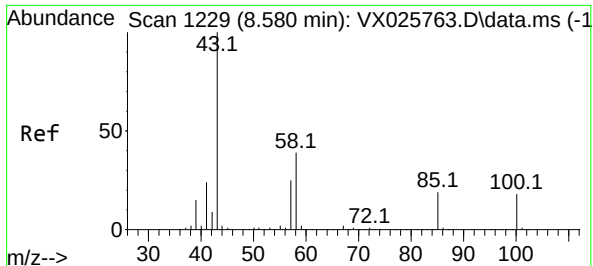
Tgt Ion:117 Resp: 13998
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.440 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Tgt Ion: 98 Resp: 293175
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.262 ug/l

RT: 8.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

Instrument :

MSVOA_X

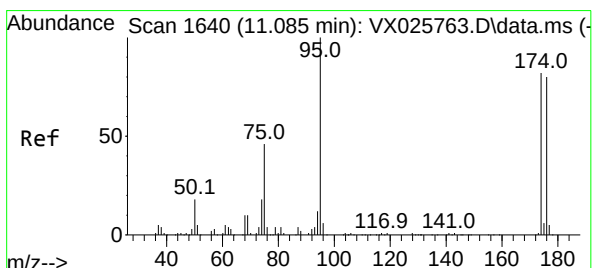
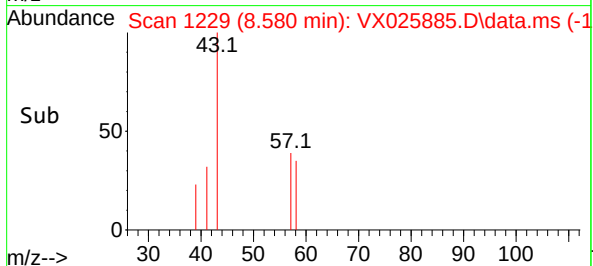
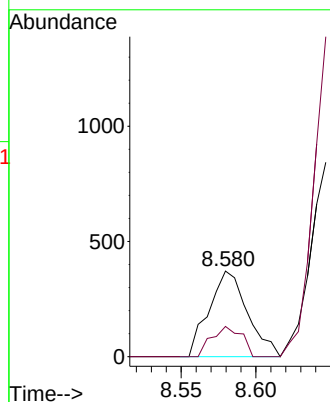
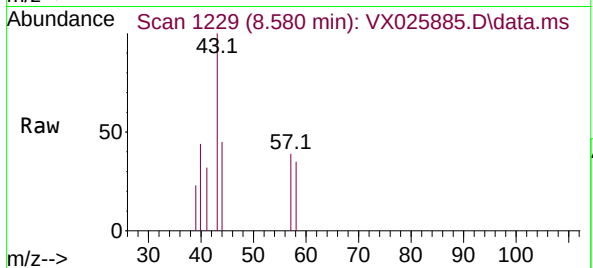
ClientSampleId :

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

58 27.3 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 45.296 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX025885.D

Acq: 17 Dec 2021 15:06

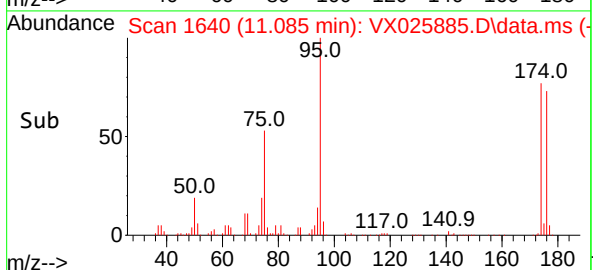
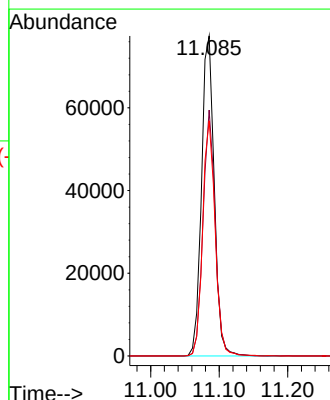
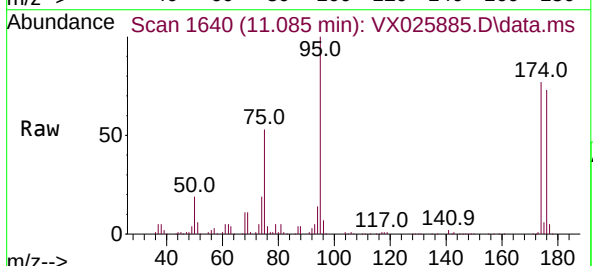
Tgt Ion: 95 Resp: 100009

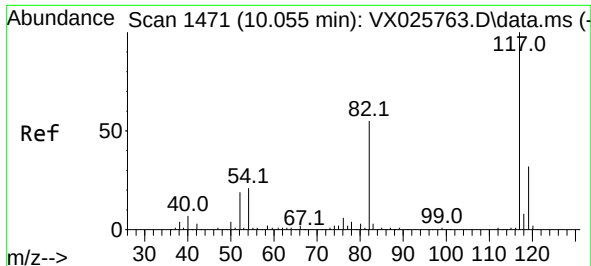
Ion Ratio Lower Upper

95 100

174 73.8 0.0 157.4

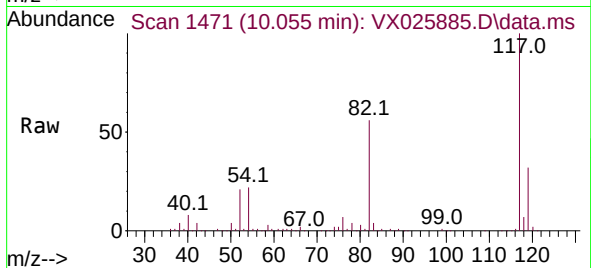
176 72.3 0.0 154.6



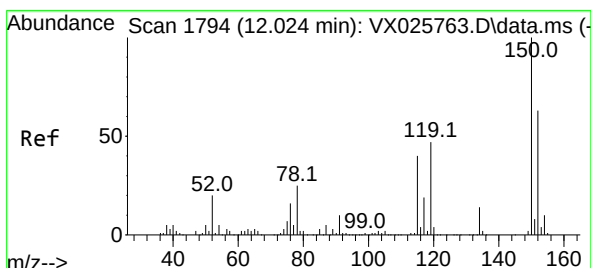
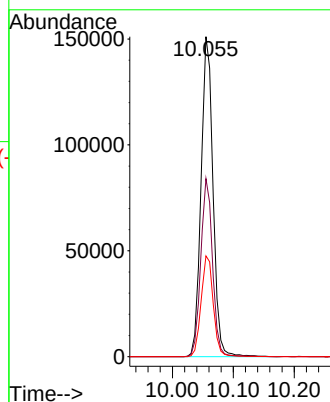
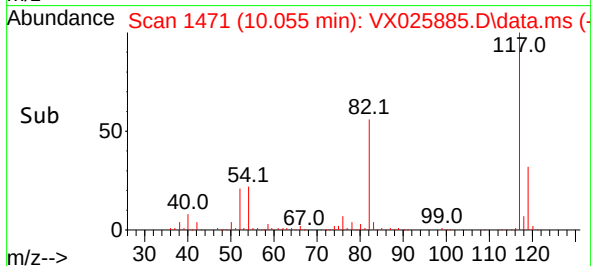


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :

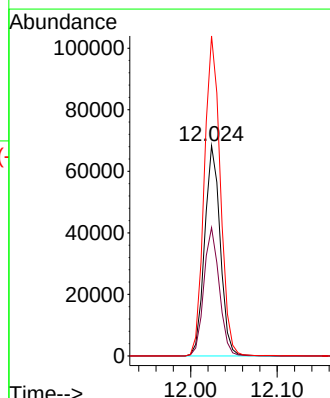
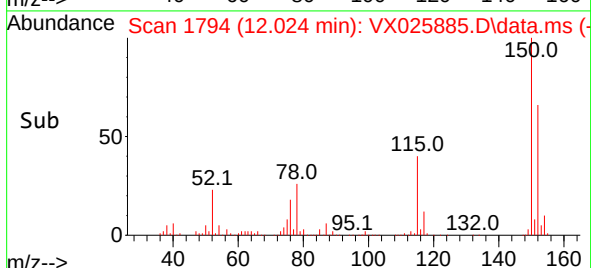
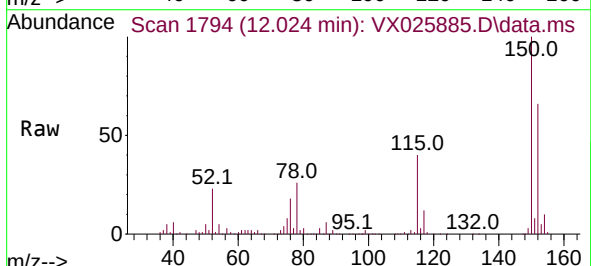


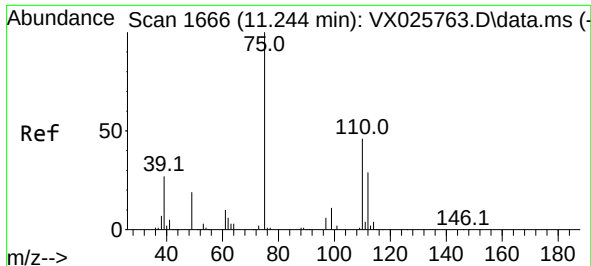
Tgt Ion:117 Resp: 206134
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.6
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Tgt Ion:152 Resp: 85046
Ion Ratio Lower Upper
152 100
115 60.5 41.3 123.9
150 156.6 0.0 351.8

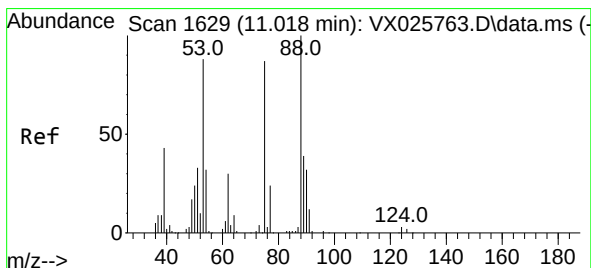
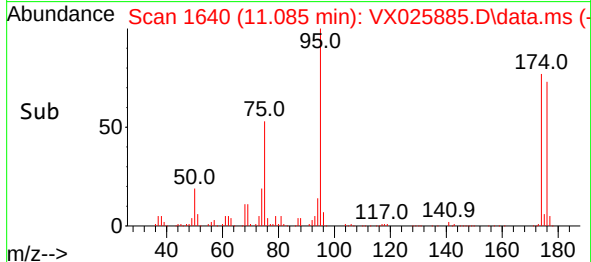
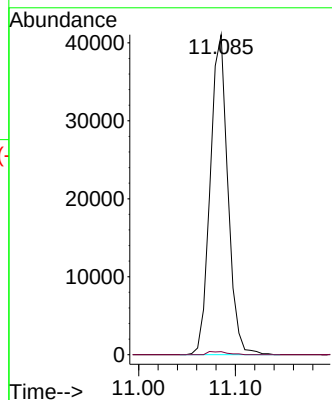
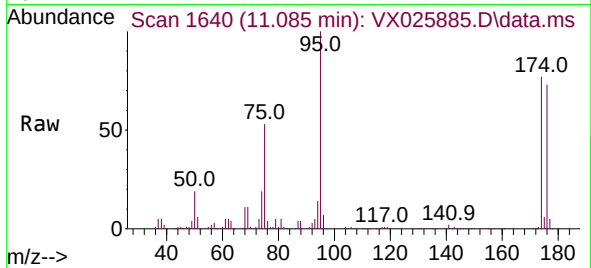




#76
1,2,3-Trichloropropane
Concen: 26.681 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

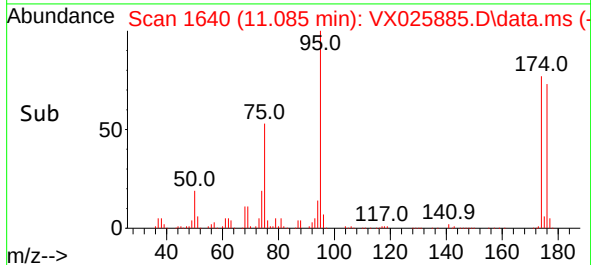
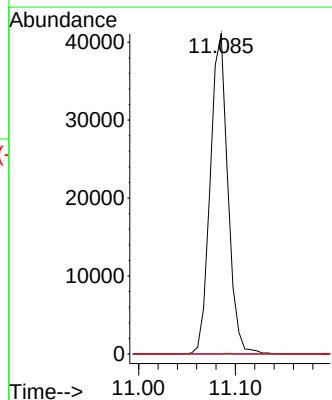
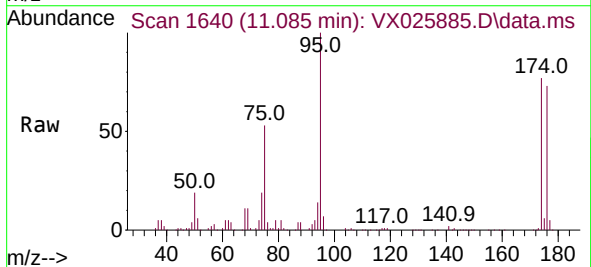
Instrument :
MSVOA_X
ClientSampleId :

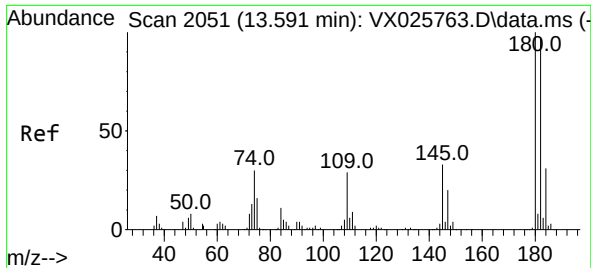
Tgt Ion: 75 Resp: 51989
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.718 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Tgt Ion: 75 Resp: 51989
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

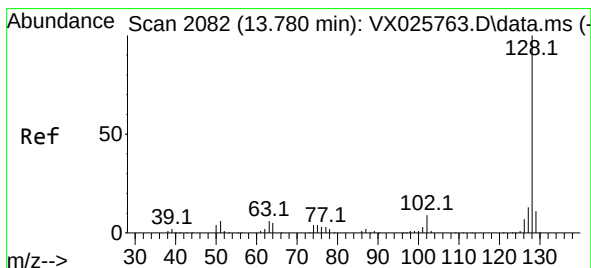
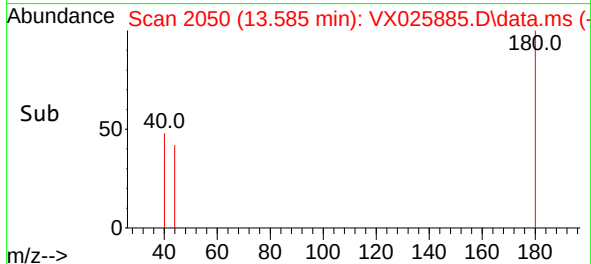
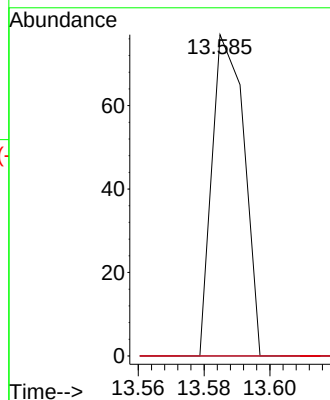
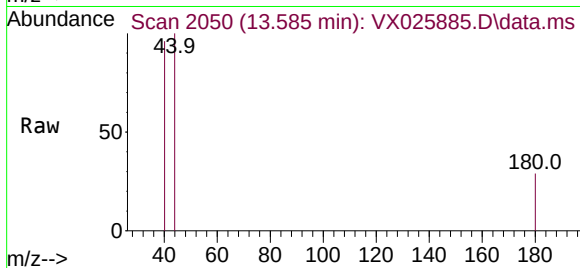




#93
1,2,4-Trichlorobenzene
Concen: 3.399 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 52
Ion Ratio Lower Upper
180 100
182 0.0 47.2 141.6#
145 0.0 16.3 48.9#



#95
Naphthalene
Concen: 2.428 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX025885.D
Acq: 17 Dec 2021 15:06

Tgt Ion:128 Resp: 102
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

