

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024797.D
 Acq On : 13 Oct 2021 20:45
 Operator : JC/MD
 Sample : M4170-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)RE

Quant Time: Oct 14 03:58:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

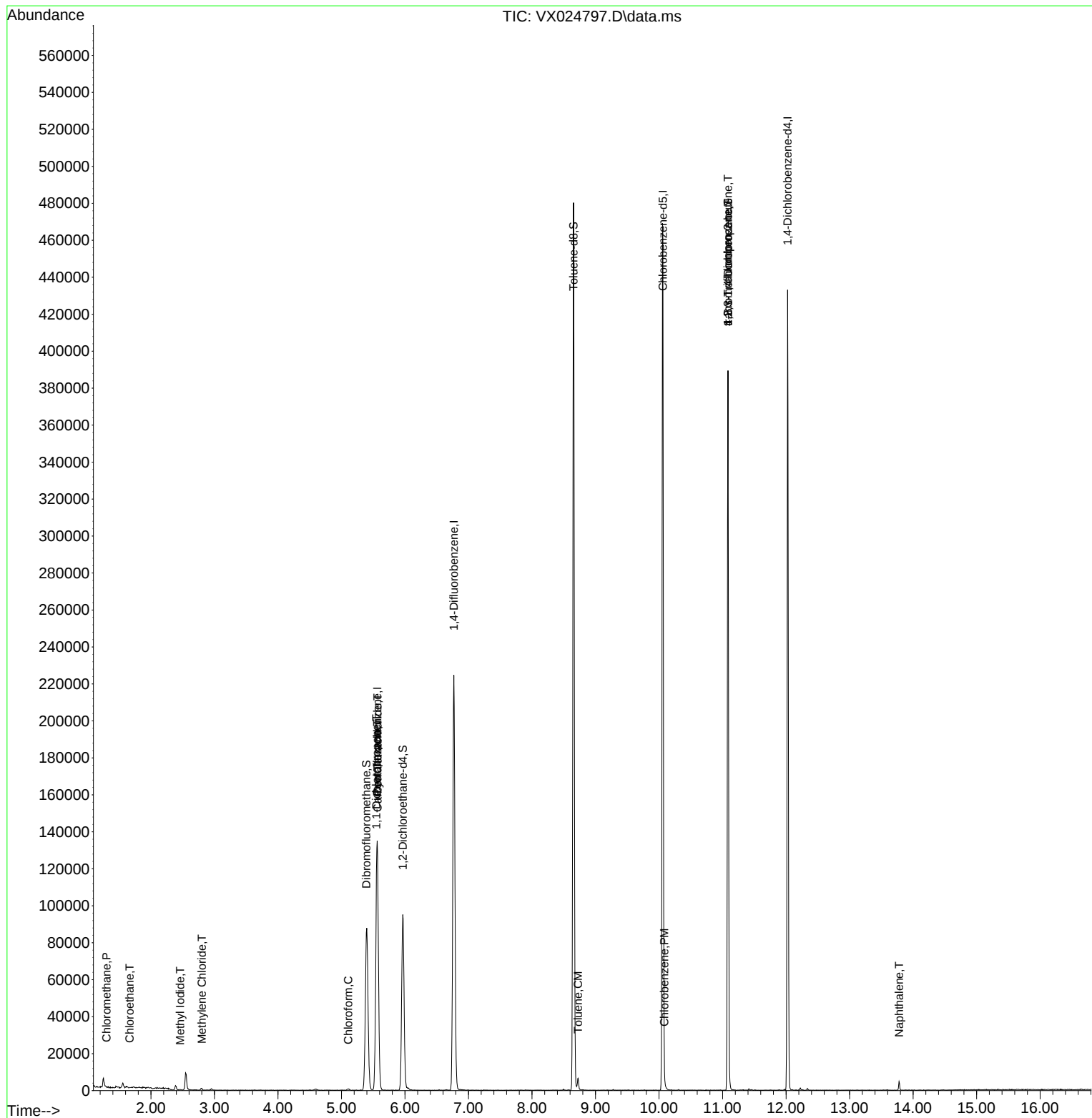
Internal Standards						
1) Pentafluorobenzene	5.562	168	126474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	212862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96681	62.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 124.400%	#
35) Dibromofluoromethane	5.391	113	75896	57.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.280%	
50) Toluene-d8	8.653	98	271945	55.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.660%	
62) 4-Bromofluorobenzene	11.085	95	98892	51.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	270	0.230	ug/l #	42
5) Bromomethane	1.617	94	323	Below Cal	#	80
6) Chloroethane	1.666	64	241	0.322	ug/l #	43
10) Methyl Iodide	2.458	142	322	1.121	ug/l #	88
16) Acetone	2.391	43	2692	Below Cal	#	89
20) Methylene Chloride	2.800	84	450	0.341	ug/l #	84
30) Chloroform	5.104	83	927	0.373	ug/l	99
31) Cyclohexane	5.562	56	2590	1.251	ug/l #	19
36) 1,1-Dichloropropene	5.549	75	9760	4.986	ug/l #	51
38) Carbon Tetrachloride	5.568	117	13789	6.287	ug/l #	16
52) Toluene	8.726	92	2191	0.602	ug/l	98
59) 2-Hexanone	9.372	43	25	Below Cal	#	25
65) Chlorobenzene	10.085	112	1263	0.303	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	52714	28.689	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	52714	77.161	ug/l #	9
95) Naphthalene	13.780	128	3072	0.747	ug/l	97

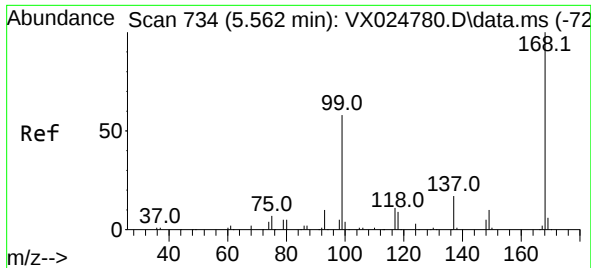
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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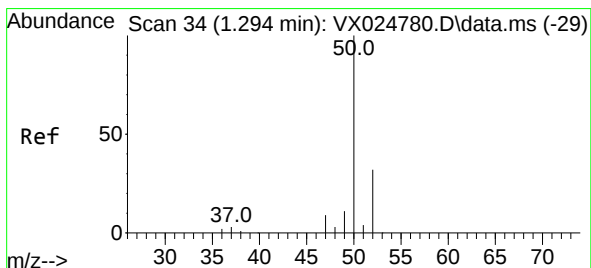
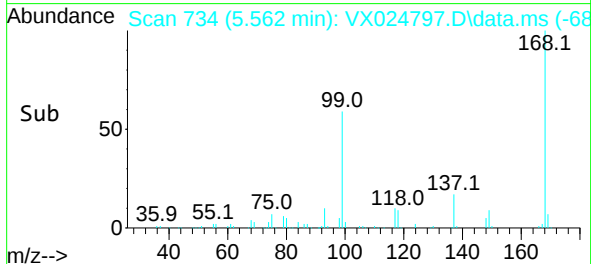
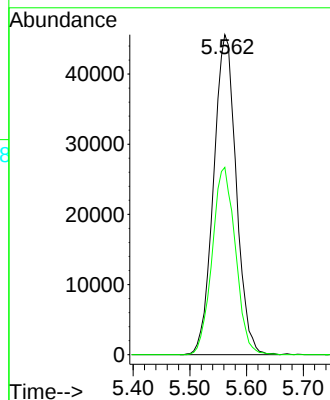
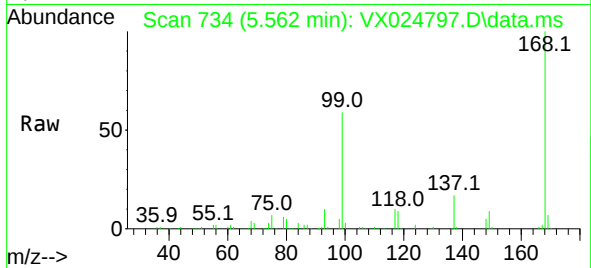




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

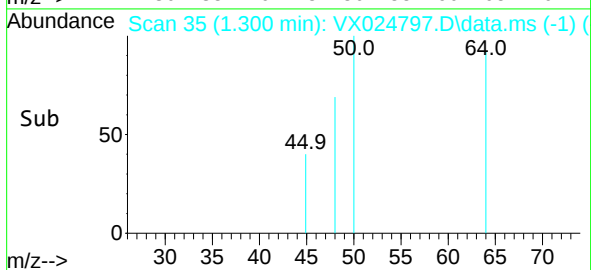
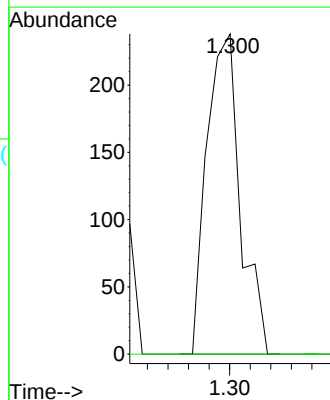
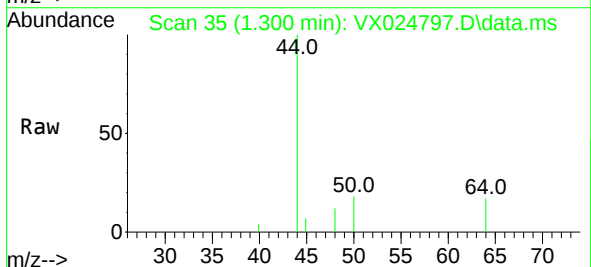
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

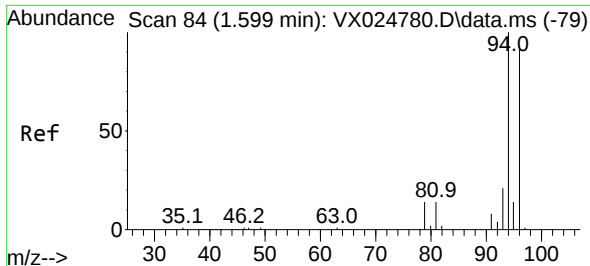
Tgt Ion:168 Resp: 126474
Ion Ratio Lower Upper
168 100
99 58.6 46.4 69.6



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

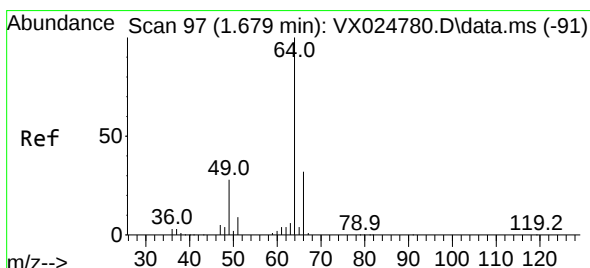
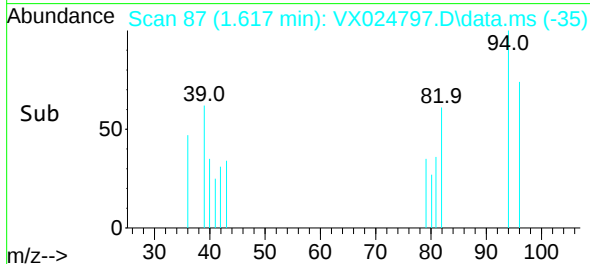
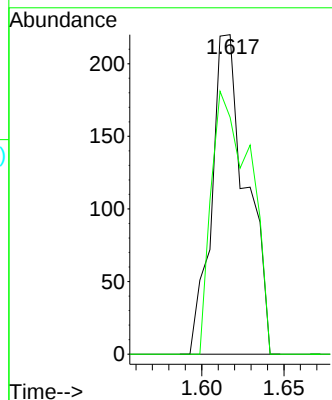
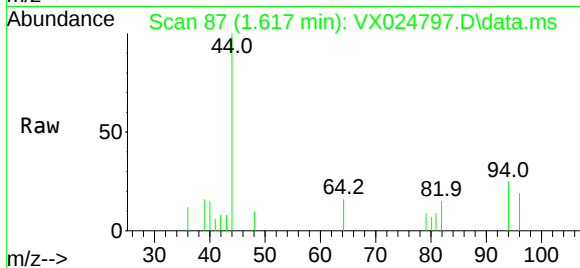




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

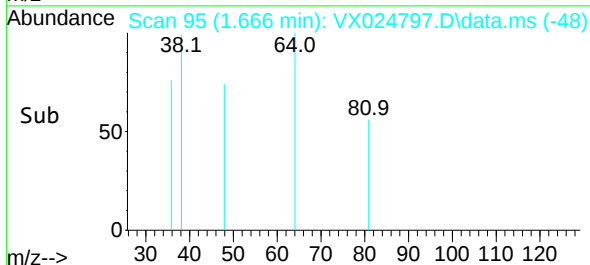
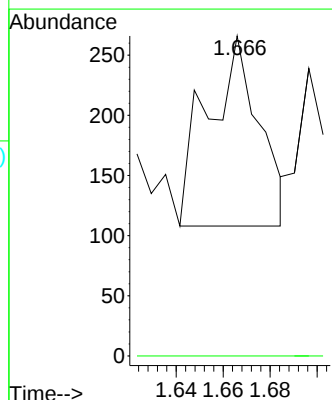
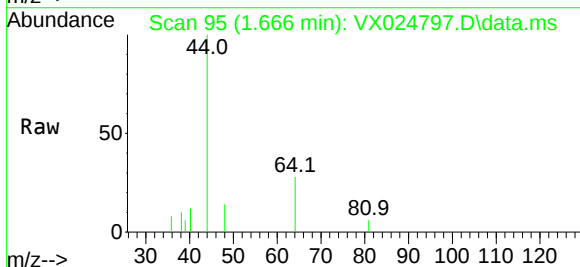
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

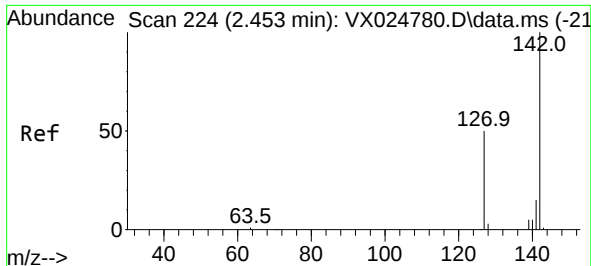
Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 74.1 74.8 112.2#



#6
Chloroethane
Concen: 0.322 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

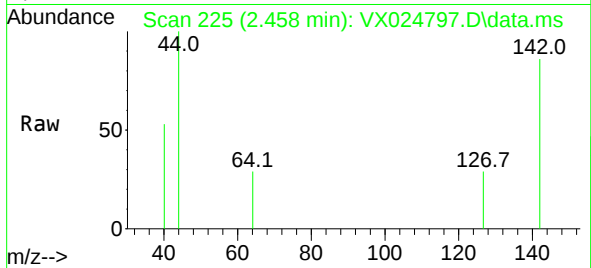
Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



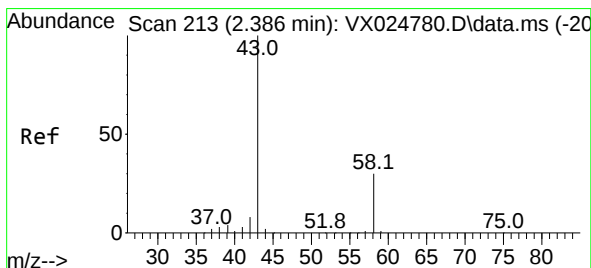
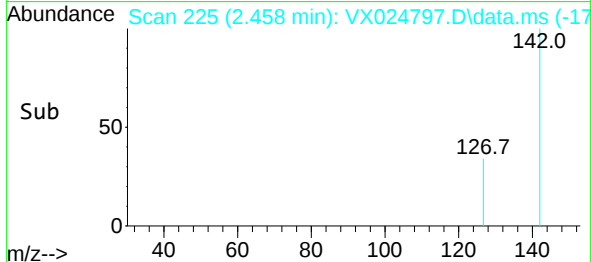
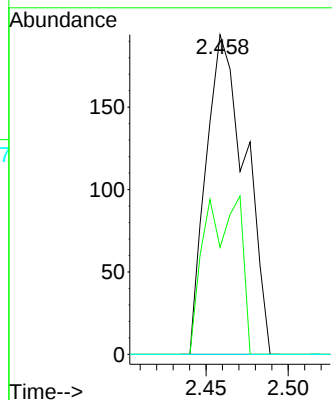


#10
Methyl Iodide
Concen: 1.121 ug/l
RT: 2.458 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

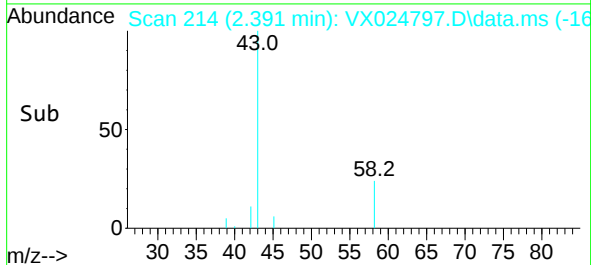
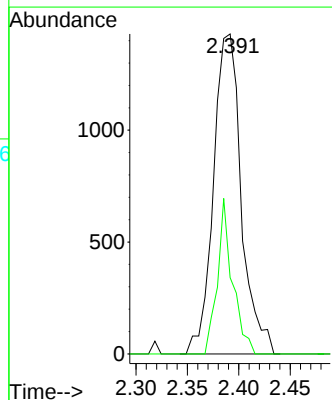
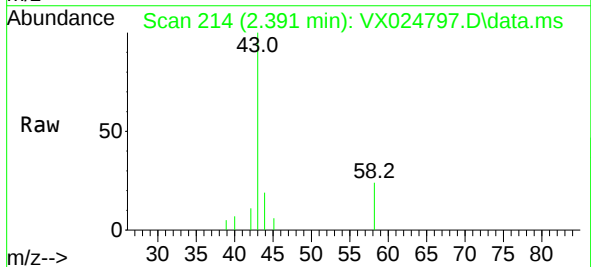


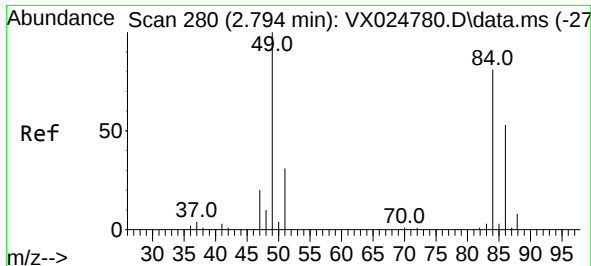
Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 45.3 38.9 58.3
141 0.0 11.7 17.5#



#16
Acetone
Concen: Below Cal
RT: 2.391 min Scan# 214
Delta R.T. 0.005 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 23.8 24.0 36.0#





#20

Methylene Chloride

Concen: 0.341 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024797.D

Acq: 13 Oct 2021 20:45

Instrument :

MSVOA_X

ClientSampleId :

SW-RR-03-(SA)RE

Tgt Ion: 84 Resp: 450

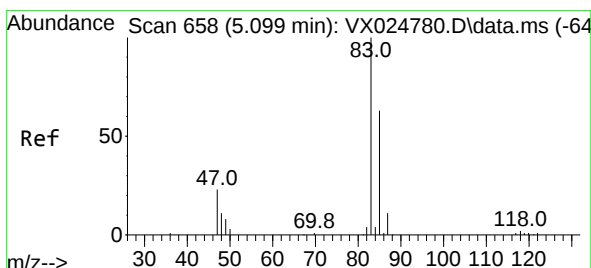
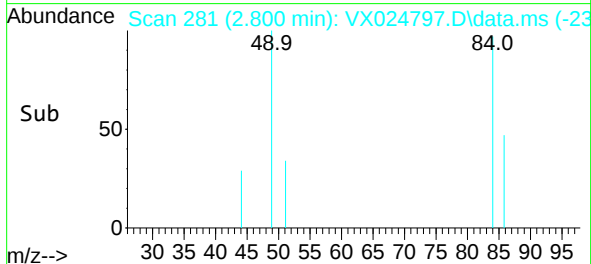
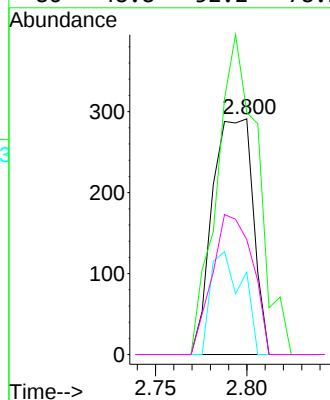
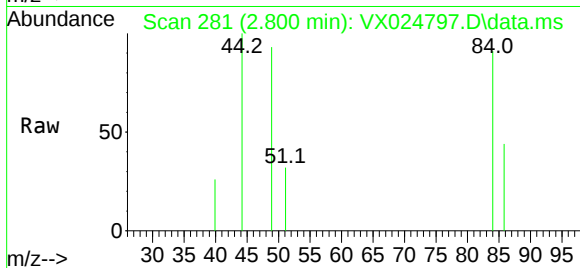
Ion Ratio Lower Upper

84 100

49 102.7 98.2 147.2

51 35.1 30.2 45.4

86 48.8 52.2 78.2#



#30

Chloroform

Concen: 0.373 ug/l

RT: 5.104 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX024797.D

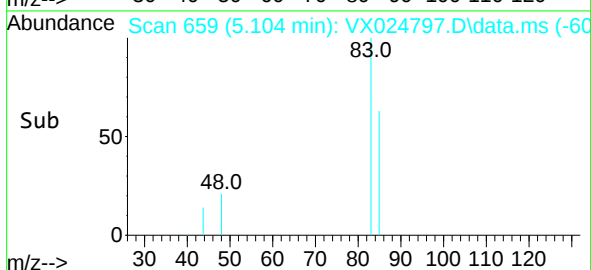
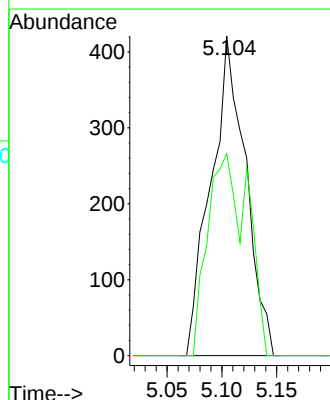
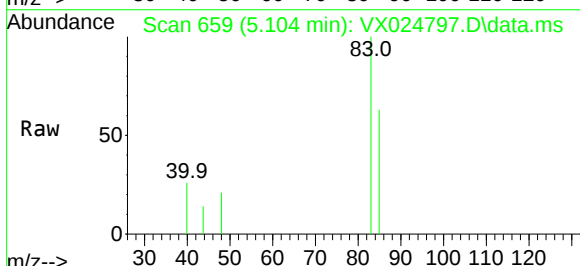
Acq: 13 Oct 2021 20:45

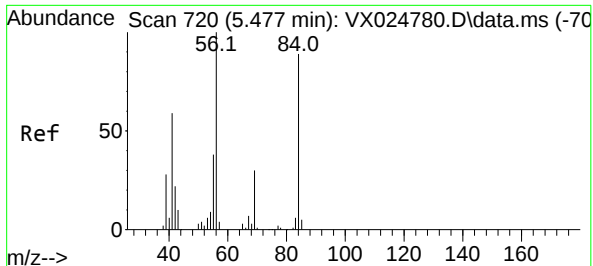
Tgt Ion: 83 Resp: 927

Ion Ratio Lower Upper

83 100

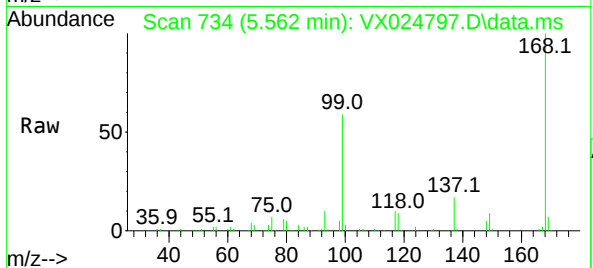
85 63.2 50.2 75.2



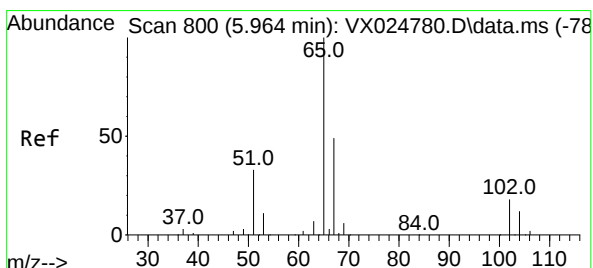
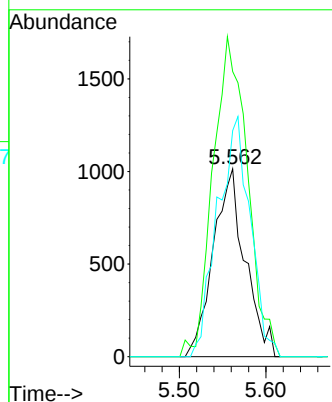
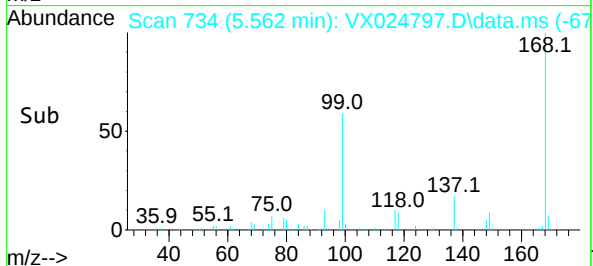


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

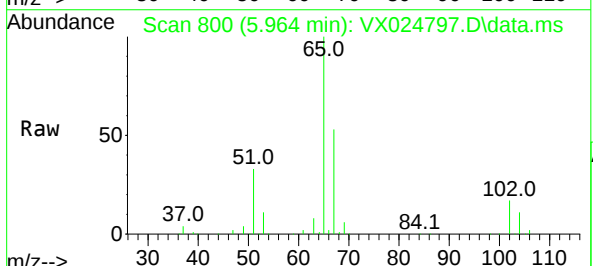
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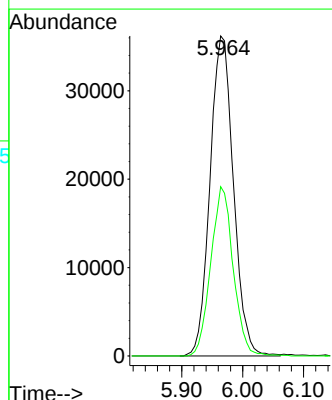
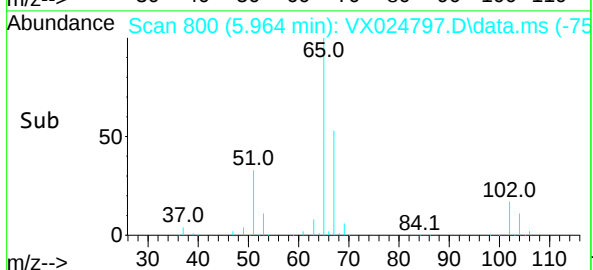
Tgt Ion: 56 Resp: 2590
Ion Ratio Lower Upper
56 100
69 151.9 24.2 36.2#
84 120.4 71.5 107.3#

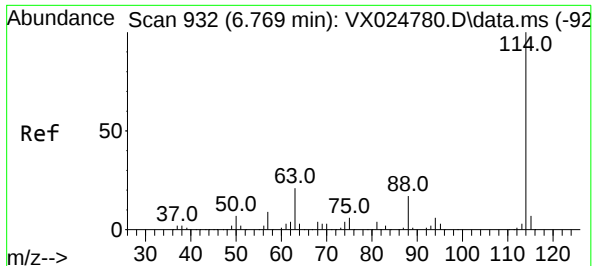


#33
1,2-Dichloroethane-d4
Concen: 62.195 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45



Tgt Ion: 65 Resp: 96681
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.0

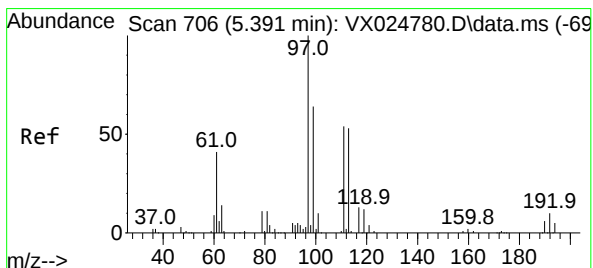
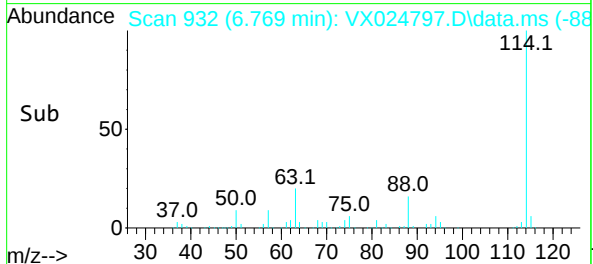
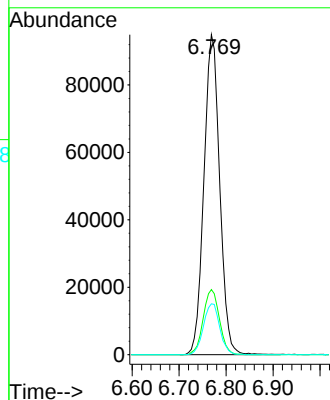
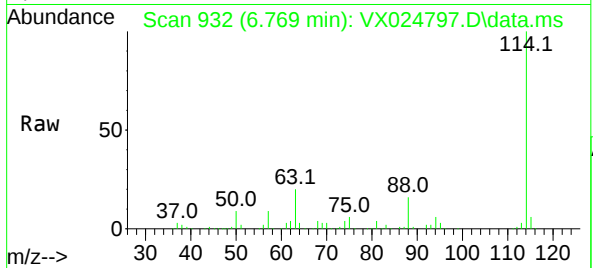




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

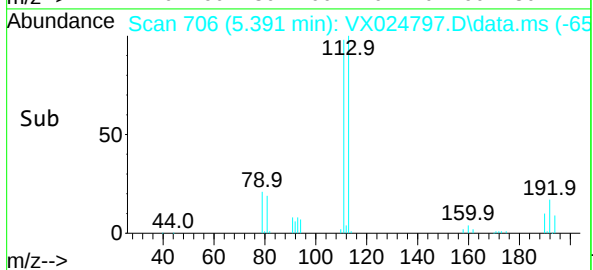
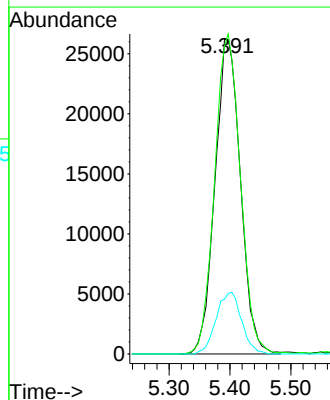
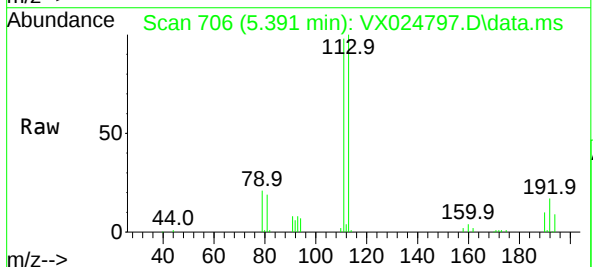
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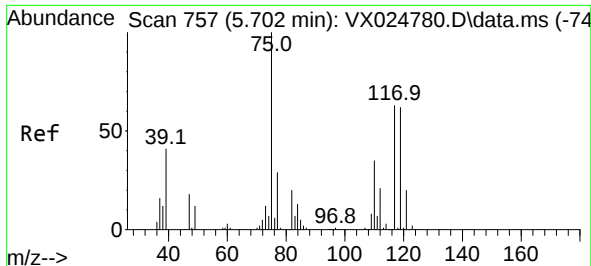
Tgt Ion:	114	Resp:	221185
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	15.9	0.0	34.8



#35
Dibromofluoromethane
Concen: 57.639 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion:	113	Resp:	75896
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	19.6	15.6	23.4

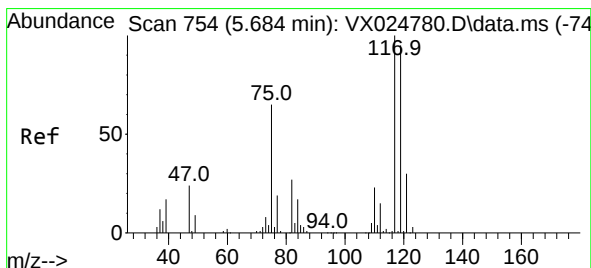
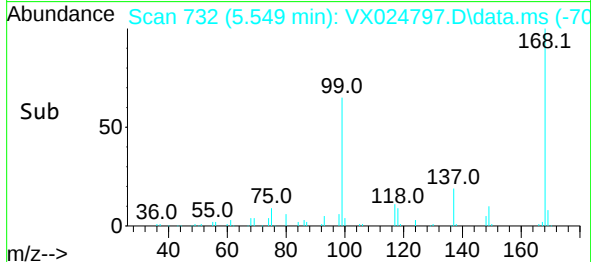
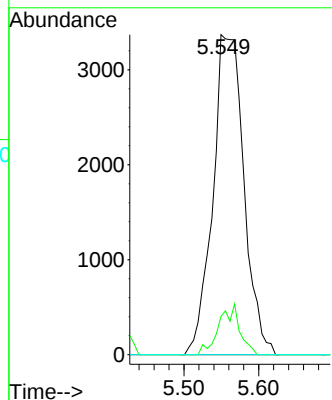
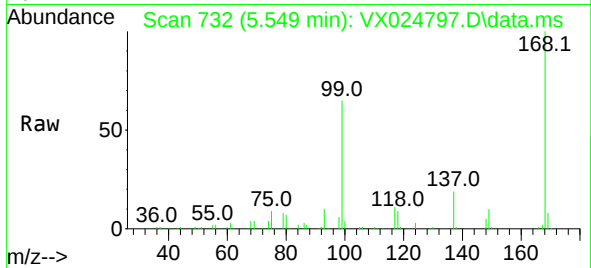




#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.153 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

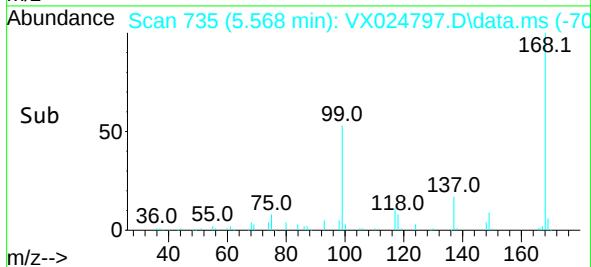
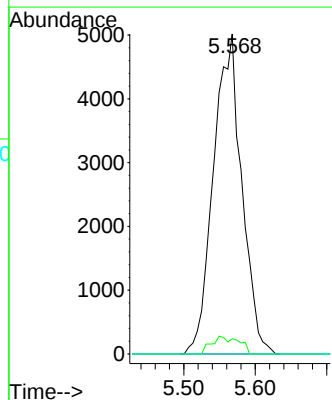
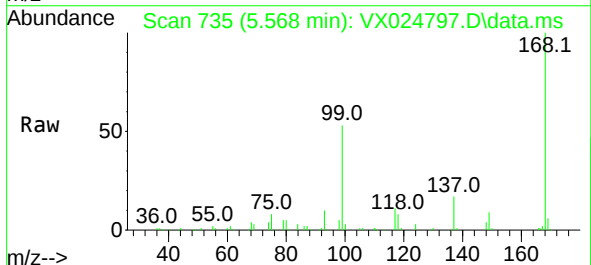
Instrument :
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SW-RR-03-(SA)RE

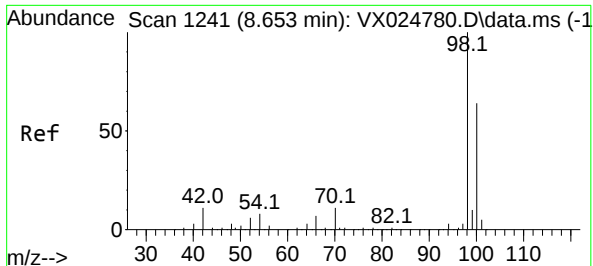
Tgt Ion: 75 Resp: 9760
Ion Ratio Lower Upper
75 100
110 10.6 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion: 117 Resp: 13789
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 55.833 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024797.D

Acq: 13 Oct 2021 20:45

Instrument :

MSVOA_X

ClientSampleId :

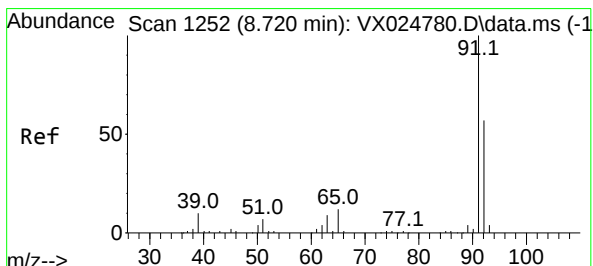
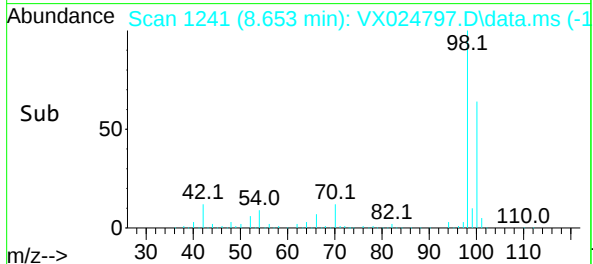
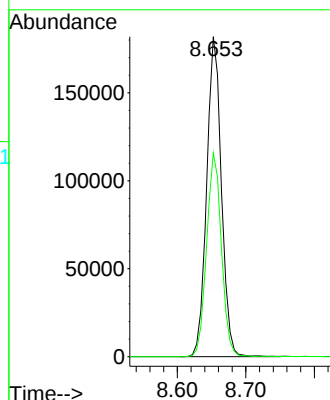
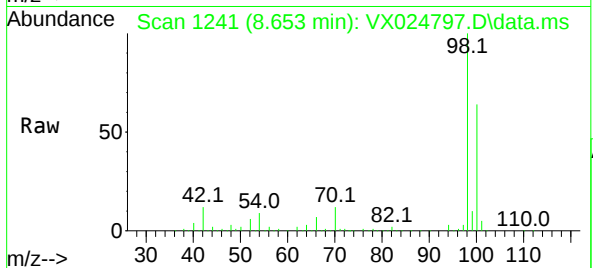
SW-RR-03-(SA)RE

Tgt Ion: 98 Resp: 271945

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.0



#52

Toluene

Concen: 0.602 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX024797.D

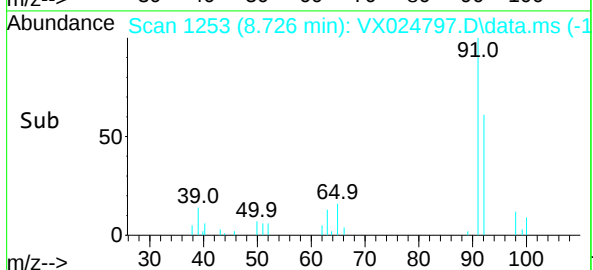
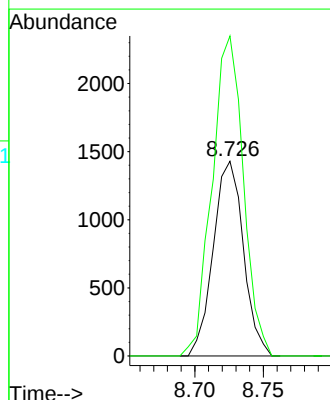
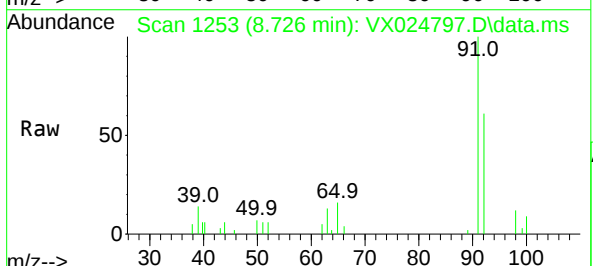
Acq: 13 Oct 2021 20:45

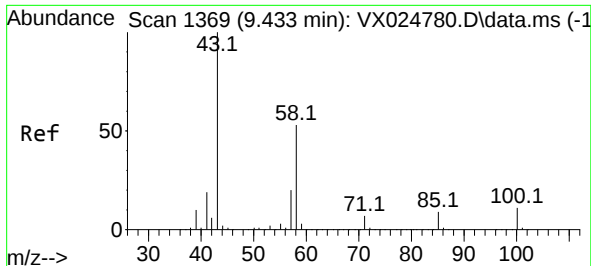
Tgt Ion: 92 Resp: 2191

Ion Ratio Lower Upper

92 100

91 170.4 138.6 208.0

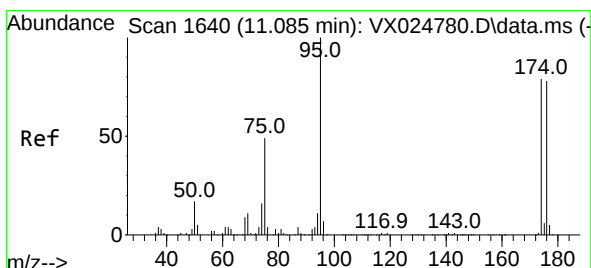
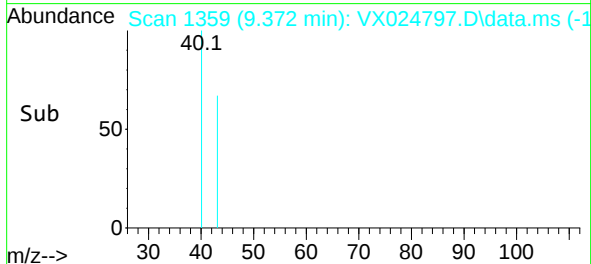
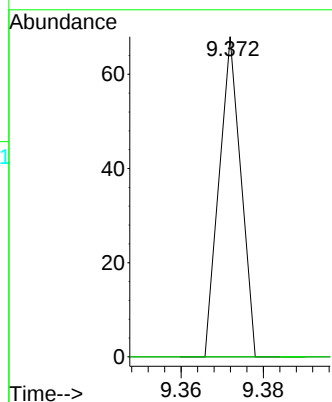
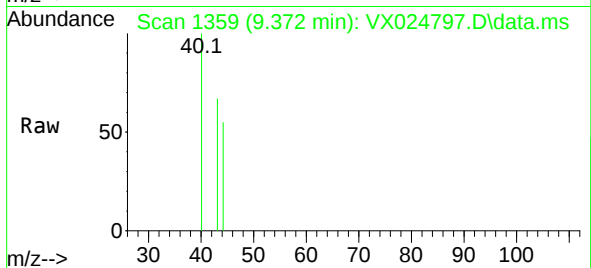




#59
2-Hexanone
Concen: Below Cal
RT: 9.372 min Scan# 1359
Delta R.T. -0.061 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

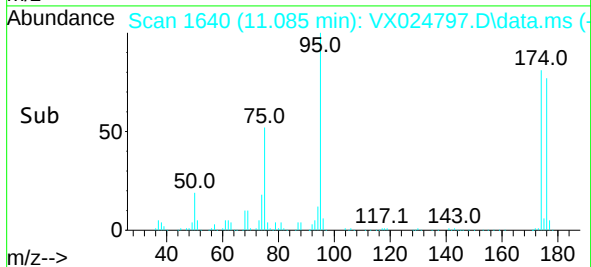
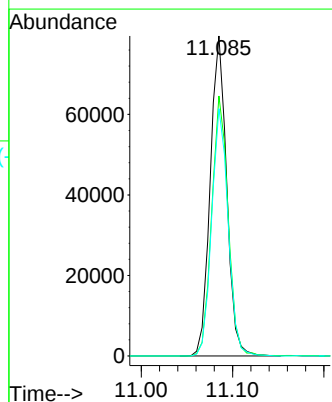
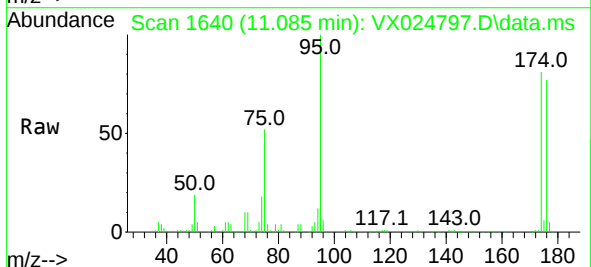
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

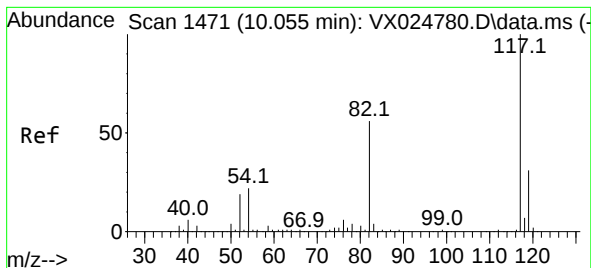
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 51.623 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion: 95 Resp: 98892
Ion Ratio Lower Upper
95 100
174 81.4 0.0 158.0
176 77.6 0.0 153.6

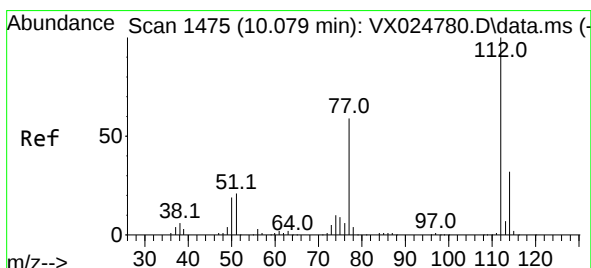
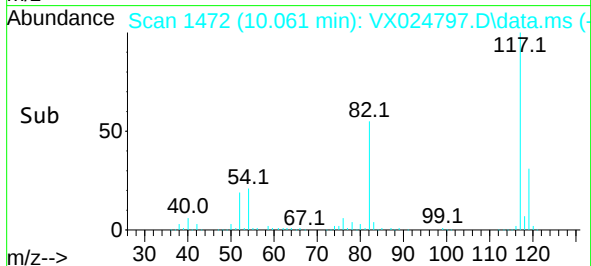
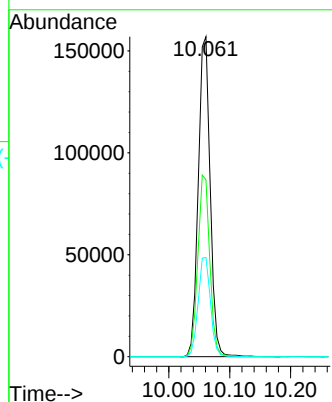
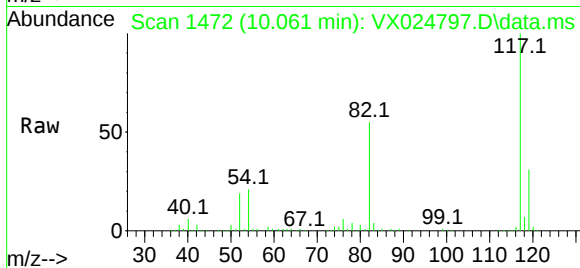




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

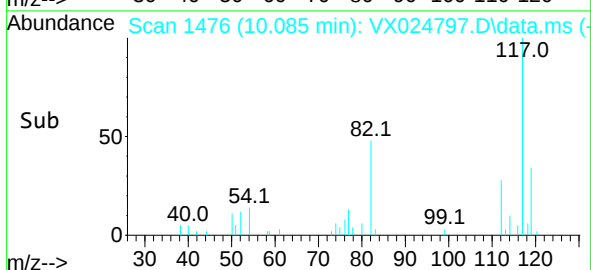
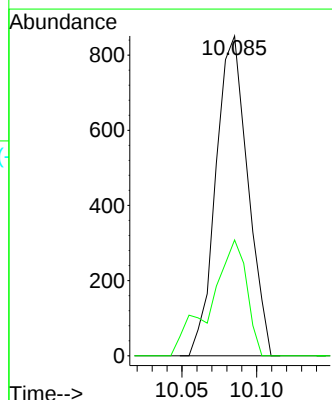
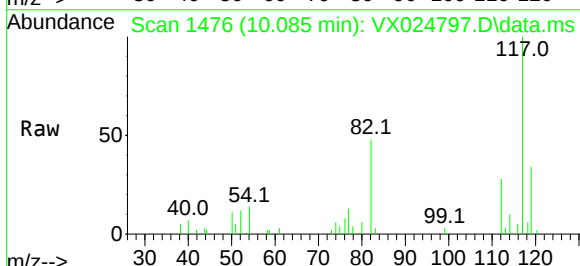
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

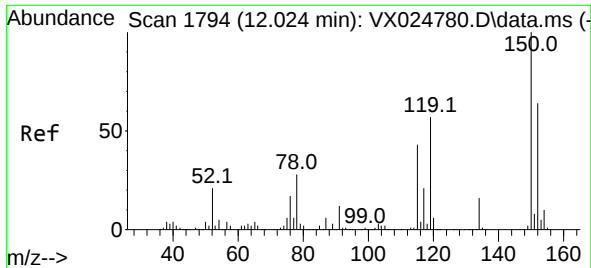
Tgt Ion:117 Resp: 212862
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 31.0 24.8 37.2



#65
Chlorobenzene
Concen: 0.303 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion:112 Resp: 1263
Ion Ratio Lower Upper
112 100
114 36.2 25.8 38.6

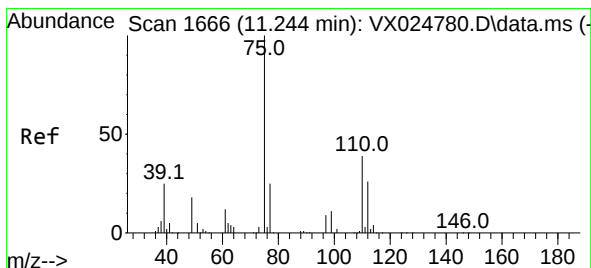
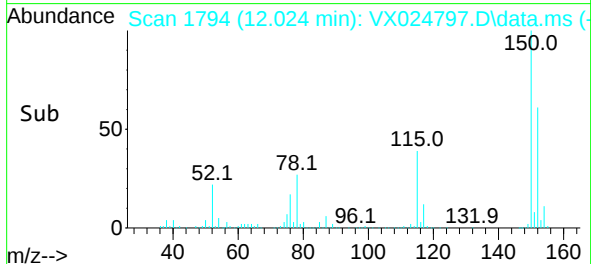
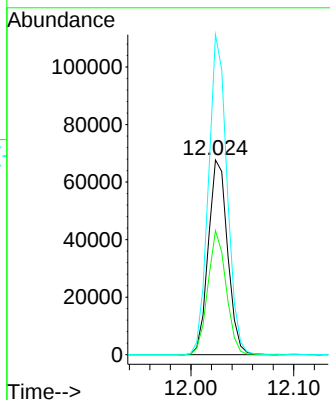
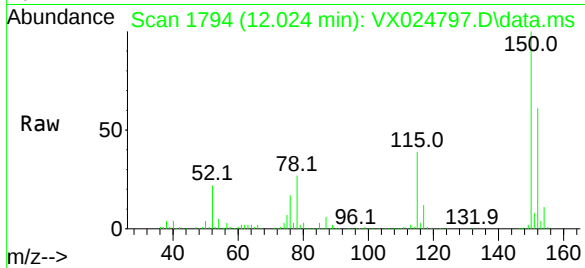




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024797.D
 Acq: 13 Oct 2021 20:45

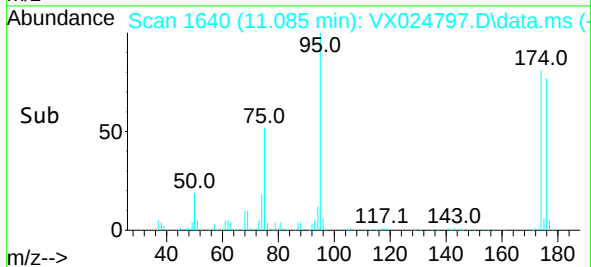
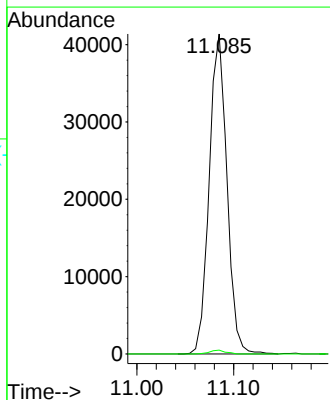
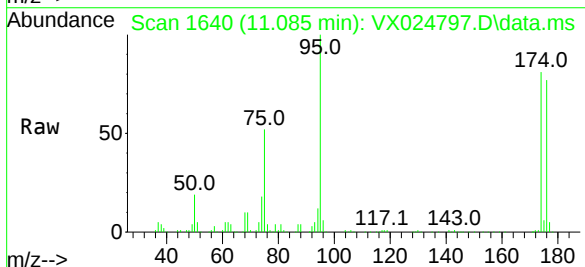
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)RE

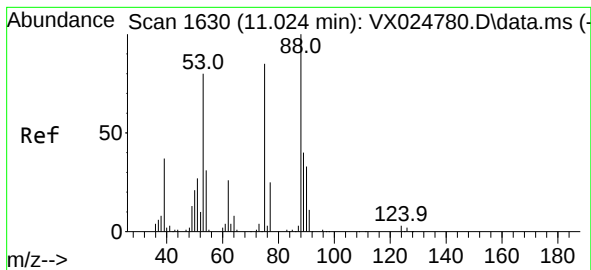
Tgt Ion:152 Resp: 88073
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.3 129.8
 150 158.2 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 28.689 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024797.D
 Acq: 13 Oct 2021 20:45

Tgt Ion: 75 Resp: 52714
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 59.9#

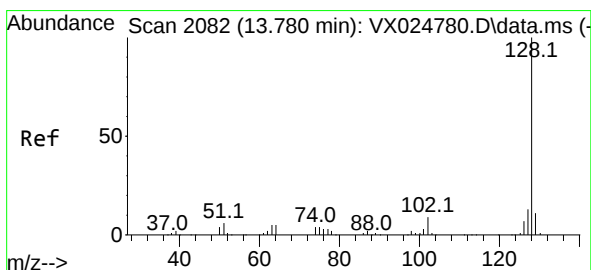
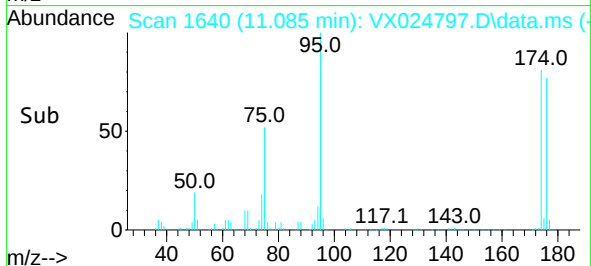
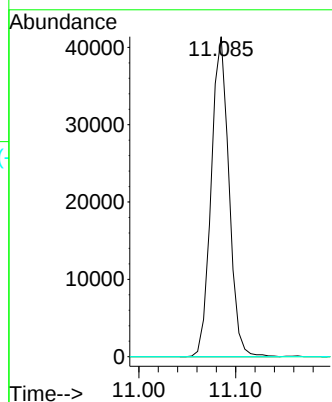
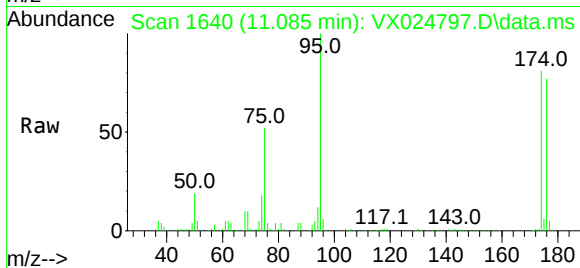




#81
trans-1,4-Dichloro-2-butene
Concen: 77.161 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

Tgt Ion: 75 Resp: 52714
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 0.747 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024797.D
Acq: 13 Oct 2021 20:45

Tgt Ion: 128 Resp: 3072
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 12.4 8.8 13.2

