

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043180.D
 Acq On : 26 Sep 2024 15:57
 Operator : JC/MD
 Sample : P4172-04
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-20425

Quant Time: Sep 27 01:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

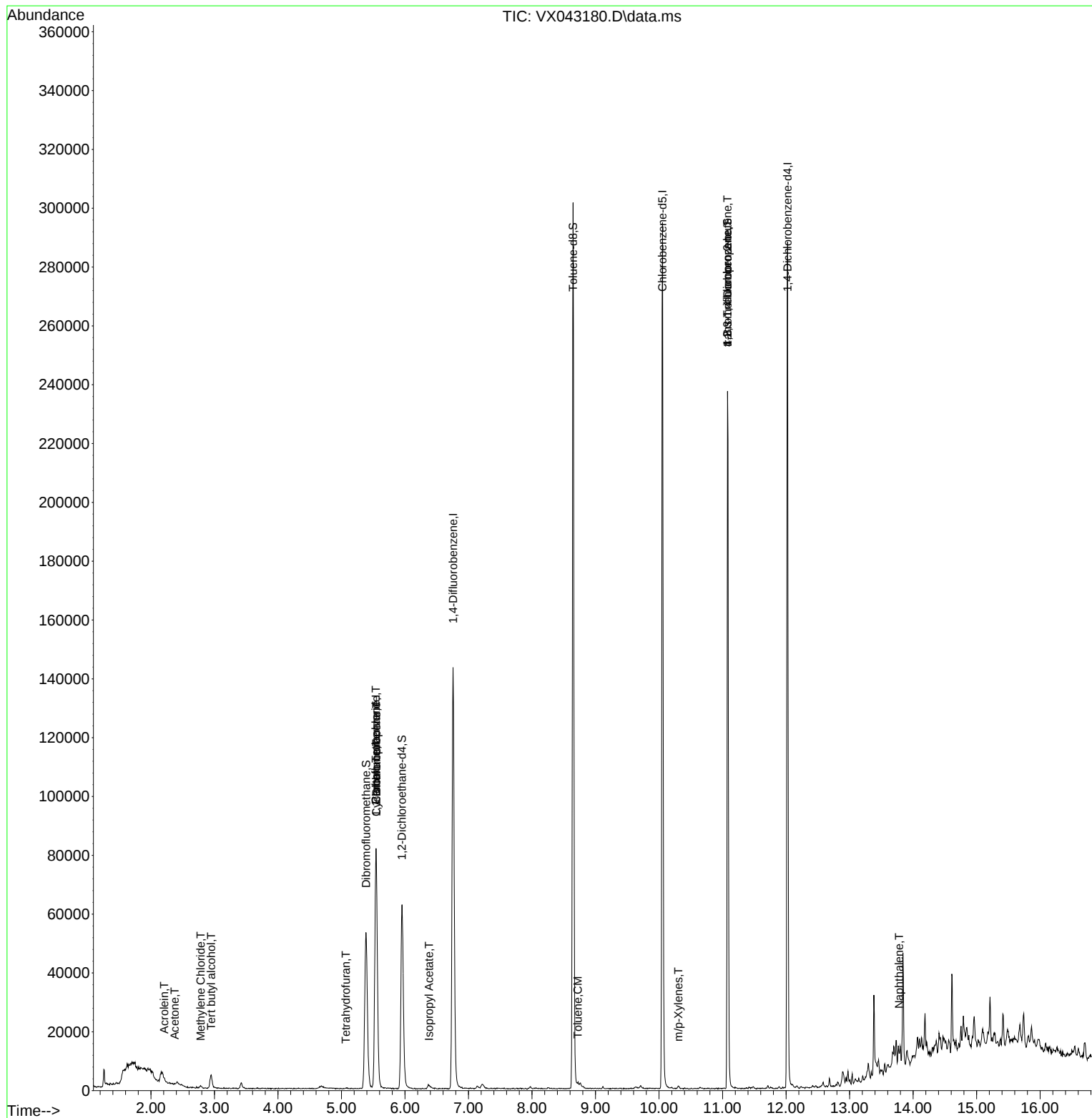
Internal Standards						
1) Pentafluorobenzene	5.544	168	73106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64453	53.077	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.160%			
35) Dibromofluoromethane	5.385	113	47041	46.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.460%			
50) Toluene-d8	8.647	98	175112	51.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	11.079	95	66324	48.356	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.720%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	2914	10.748	ug/l #	73
13) Acrolein	2.209	56	153	4.283	ug/l #	1
16) Acetone	2.374	43	126	0.222	ug/l #	46
20) Methylene Chloride	2.782	84	410	0.454	ug/l #	88
29) Tetrahydrofuran	5.068	42	98	0.223	ug/l #	31
31) Cyclohexane	5.550	56	1869	1.565	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	6487	5.244	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7879	4.945	ug/l #	18
43) Isopropyl Acetate	6.379	43	857	0.330	ug/l #	62
52) Toluene	8.720	92	493	0.210	ug/l #	70
68) m/p-Xylenes	10.305	106	369	0.205	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	36213	28.880	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36213	68.808	ug/l #	7
95) Naphthalene	13.780	128	2376	0.578	ug/l #	96

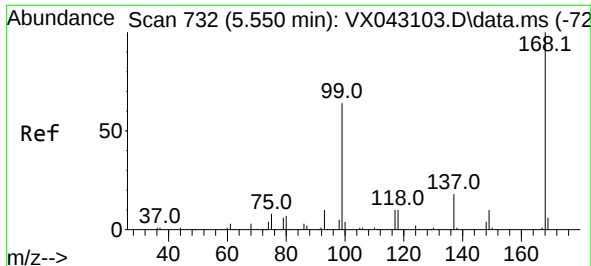
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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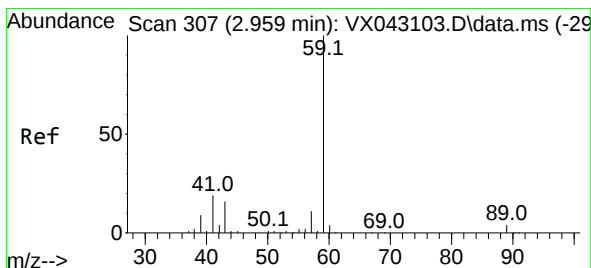
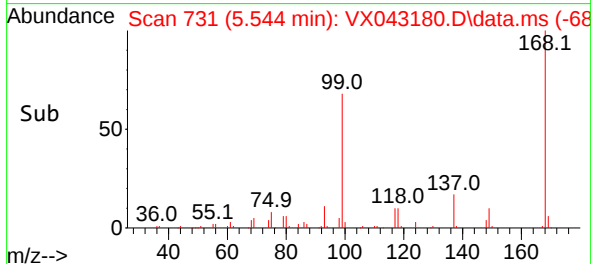
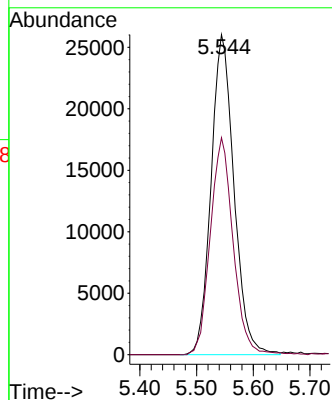
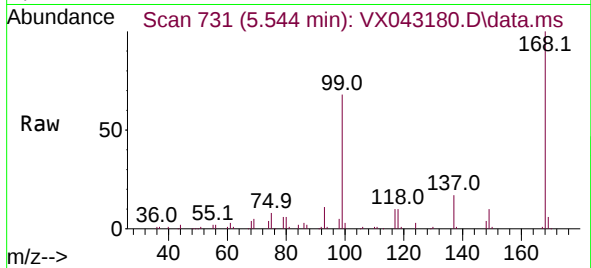




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

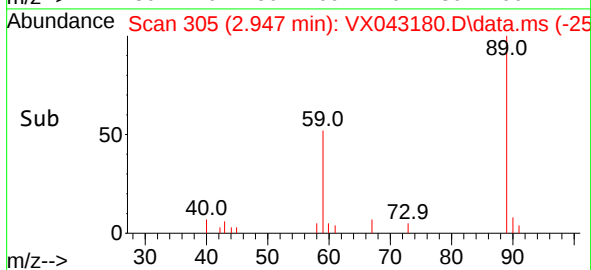
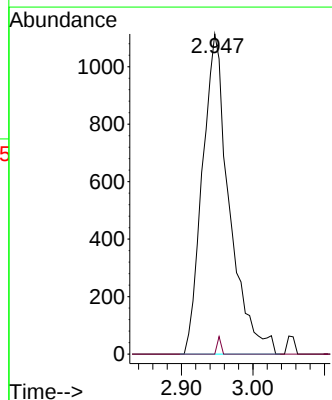
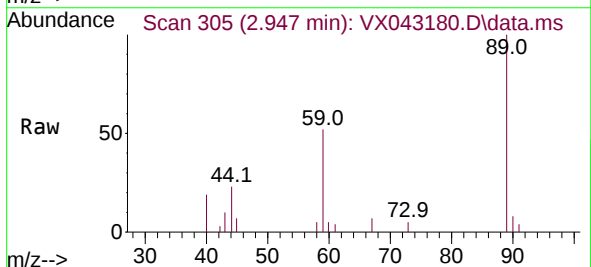
Instrument :
MSVOA_X
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CHRT-20425

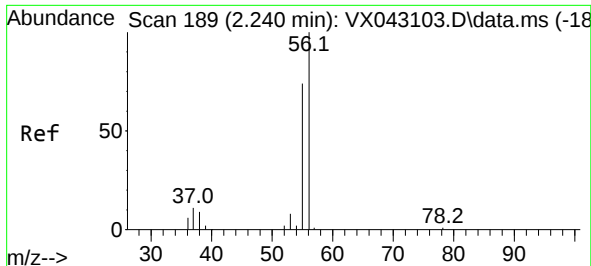
Tgt Ion:168 Resp: 73106
Ion Ratio Lower Upper
168 100
99 67.8 50.8 76.2



#11
Tert butyl alcohol
Concen: 10.748 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 59 Resp: 2914
Ion Ratio Lower Upper
59 100
57 0.8 8.6 13.0#

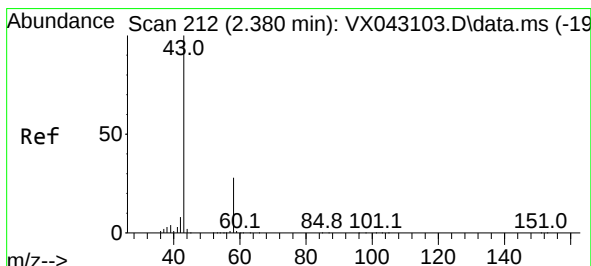
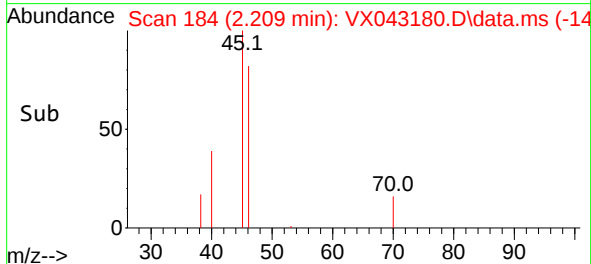
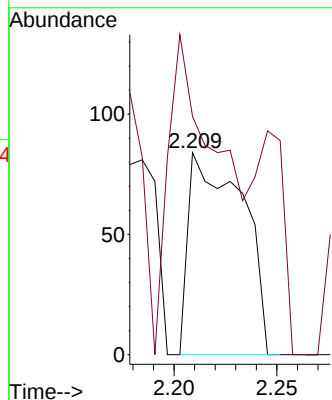
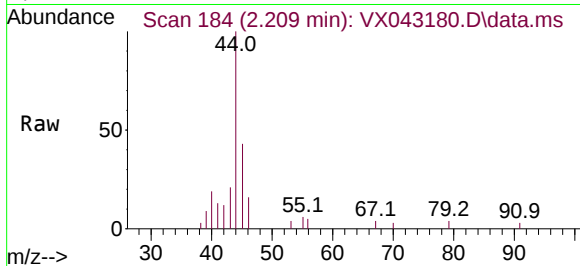




#13
Acrolein
Concen: 4.283 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

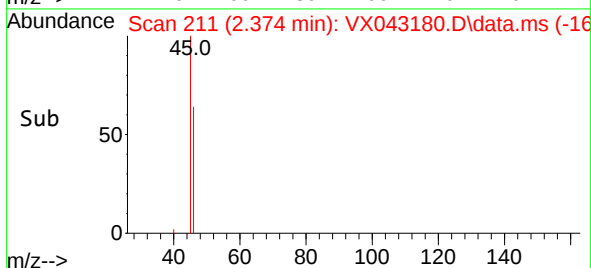
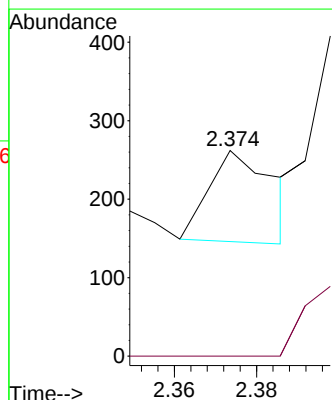
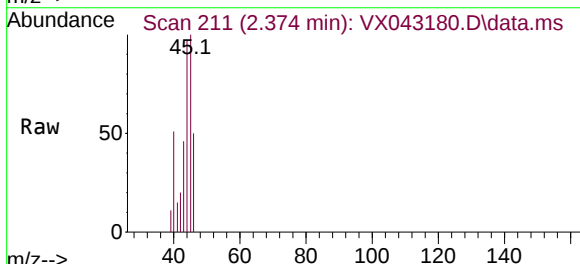
Instrument :
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ClientSampleId :
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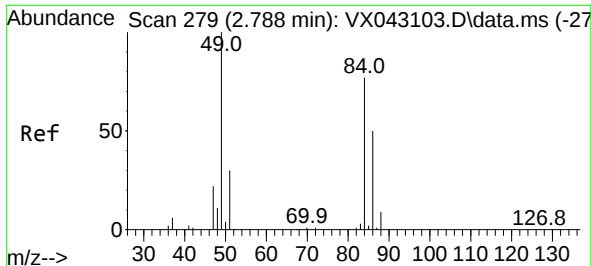
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 151.6 55.8 83.6#



#16
Acetone
Concen: 0.222 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 22.6 34.0#

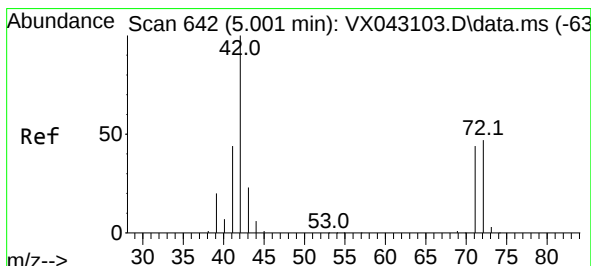
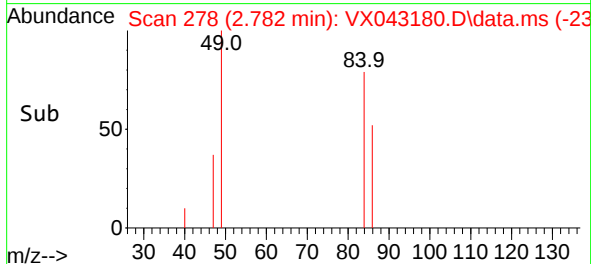
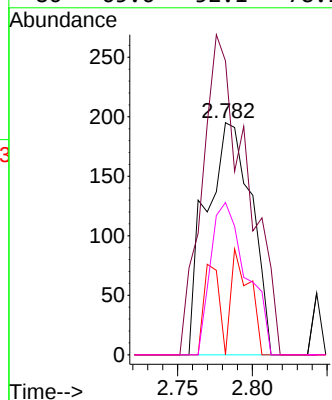
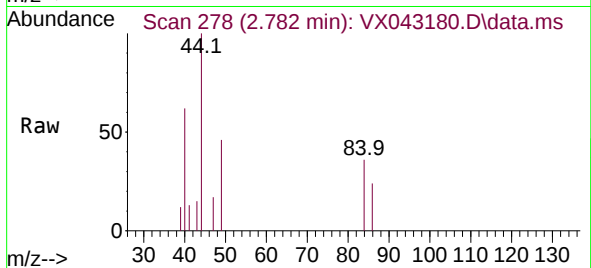




#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

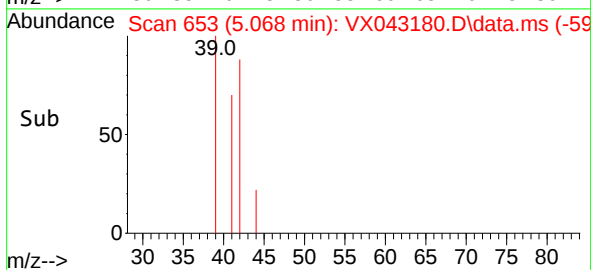
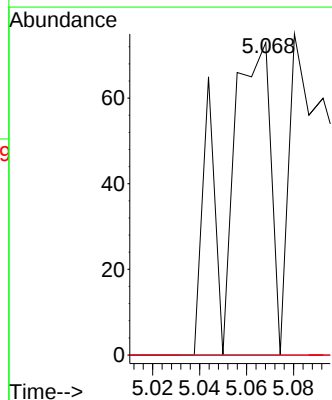
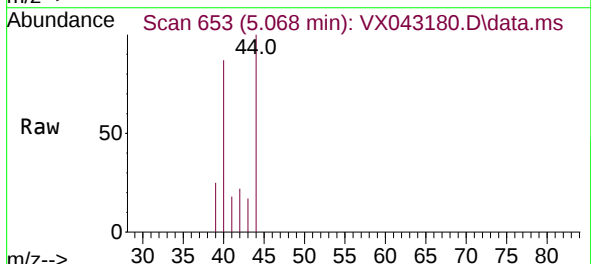
Instrument :
MSVOA_X
ClientSampleId :
CHRT-20425

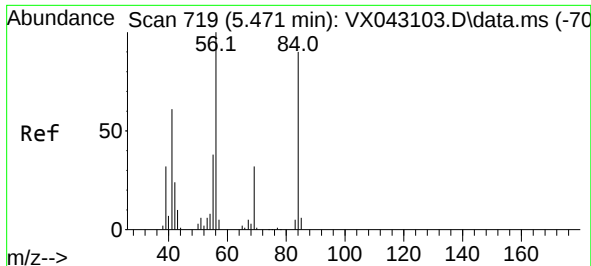
Tgt Ion:	84	Resp:	410
Ion	Ratio	Lower	Upper
84	100		
49	126.7	104.1	156.1
51	0.0	31.1	46.7#
86	65.6	52.1	78.1



#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.068 min Scan# 653
Delta R.T. 0.067 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

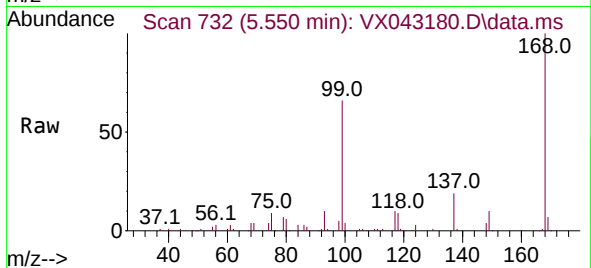
Tgt Ion:	42	Resp:	98
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	34.8	52.2#



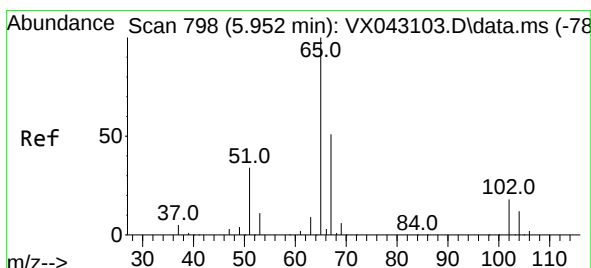
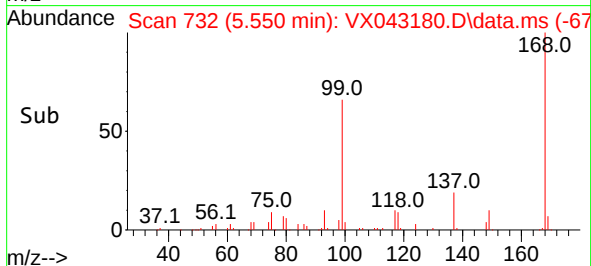
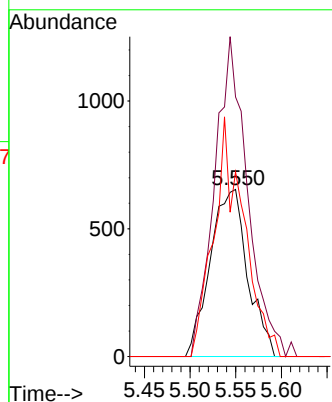


#31
Cyclohexane
Concen: 1.565 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Instrument :
MSVOA_X
ClientSampleId :
CHRT-20425

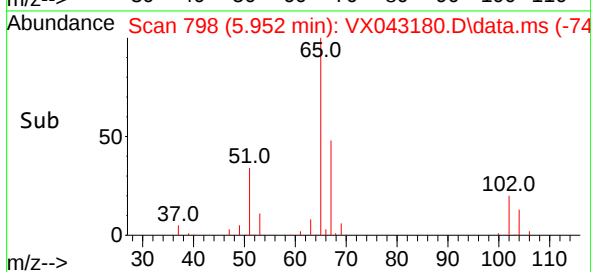
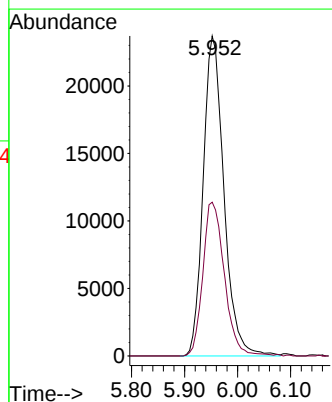
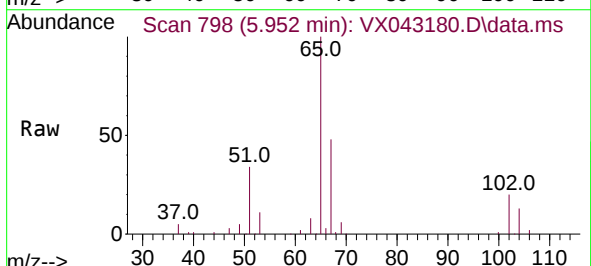


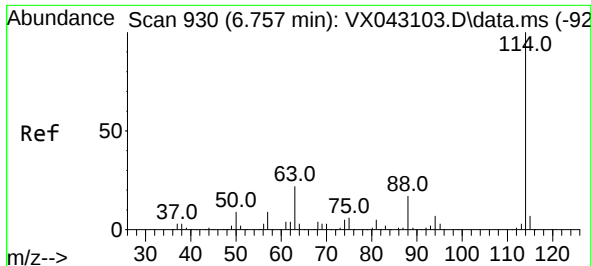
Tgt Ion: 56 Resp: 1869
Ion Ratio Lower Upper
56 100
69 155.4 25.8 38.6#
84 110.6 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 53.077 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 65 Resp: 64453
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

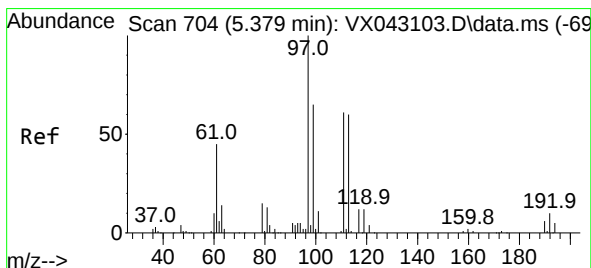
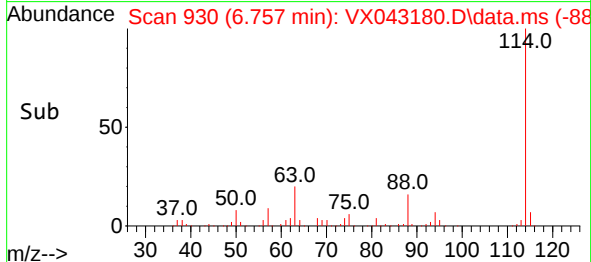
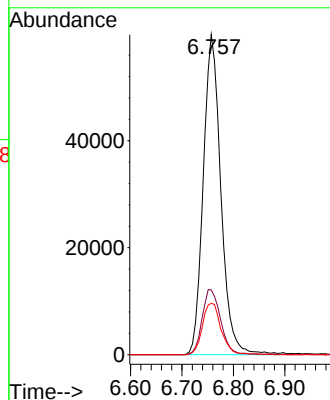
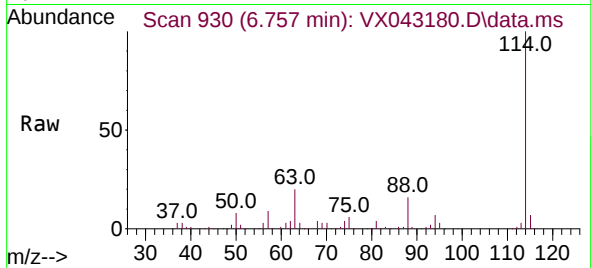




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

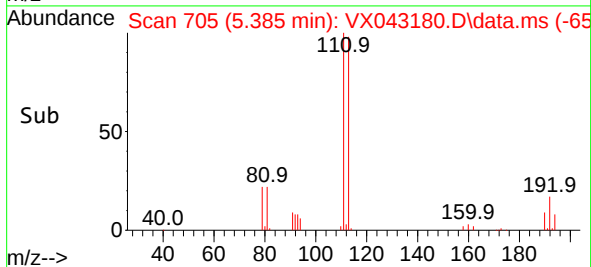
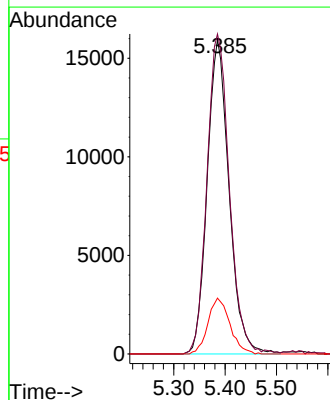
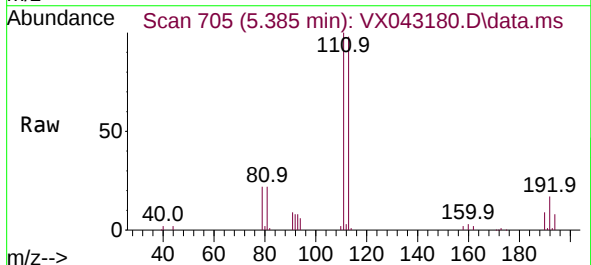
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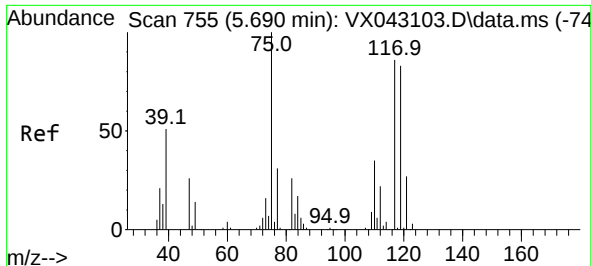
Tgt Ion:114 Resp: 142706
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion:113 Resp: 47041
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 17.9 14.6 22.0

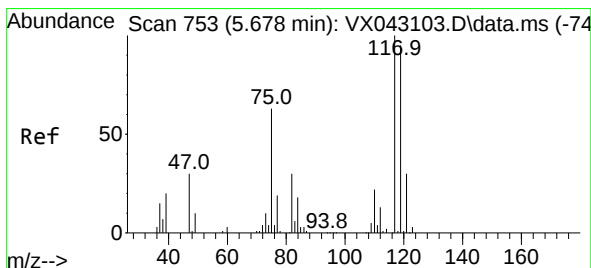
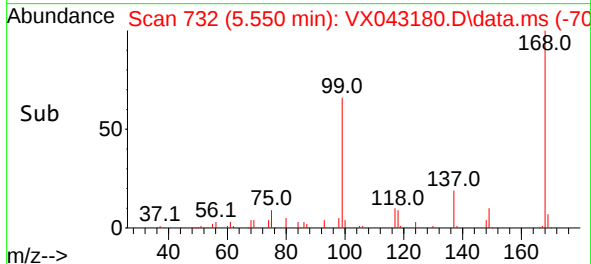
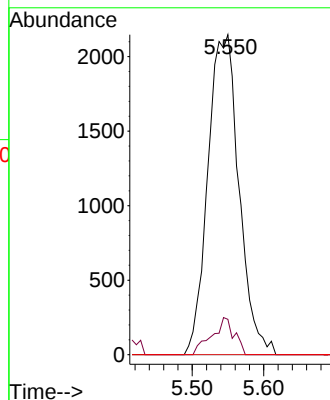
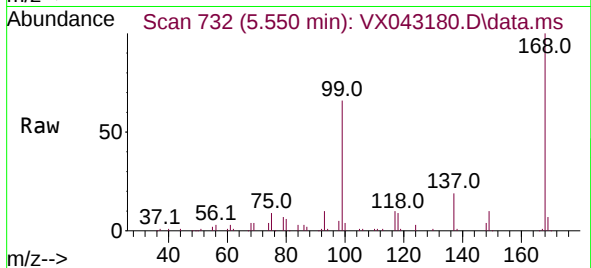




#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

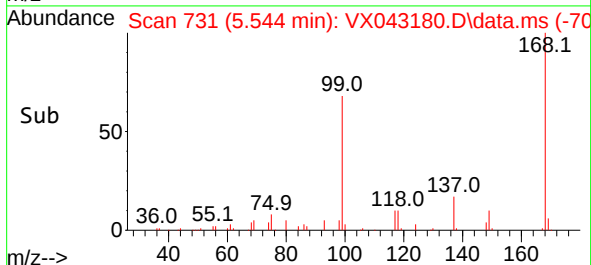
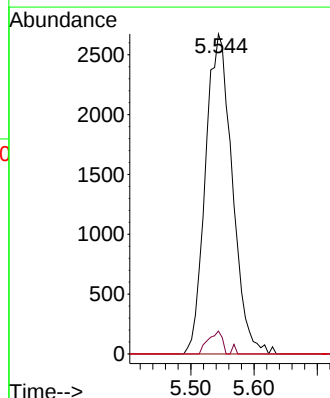
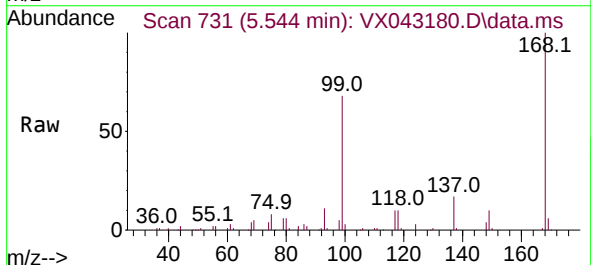
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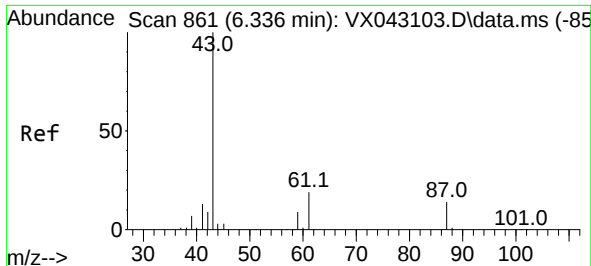
Tgt Ion: 75 Resp: 6487
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 117 Resp: 7879
Ion Ratio Lower Upper
117 100
119 7.1 75.5 113.3#
121 0.0 24.2 36.2#

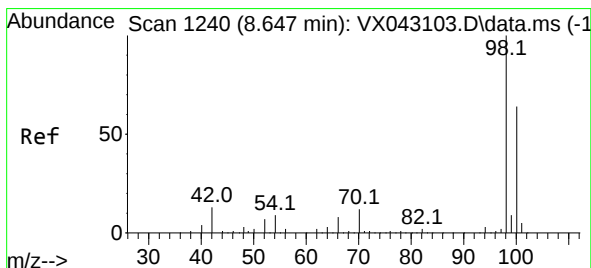
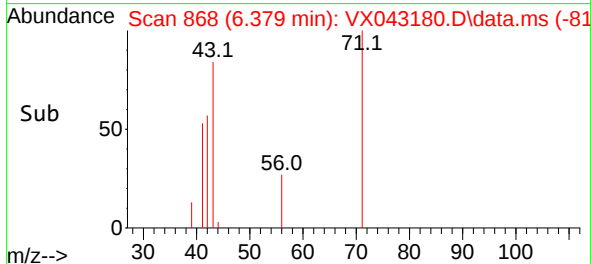
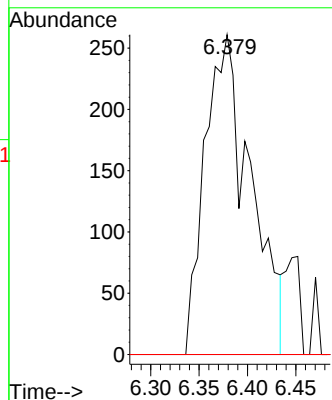
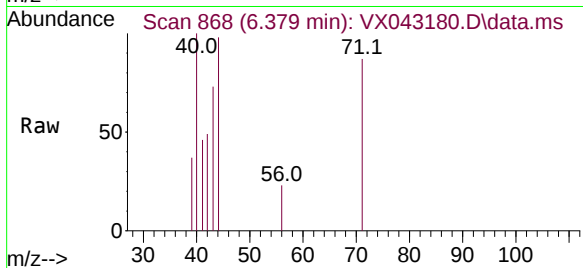




#43
Isopropyl Acetate
Concen: 0.330 ug/l
RT: 6.379 min Scan# 861
Delta R.T. 0.043 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

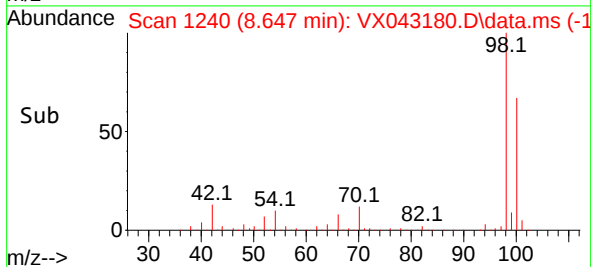
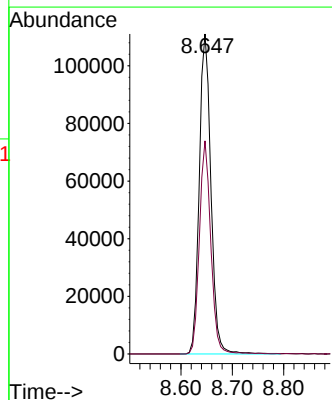
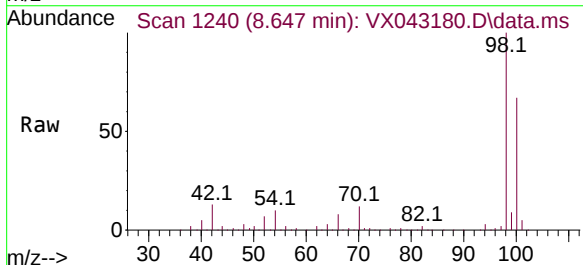
Instrument :
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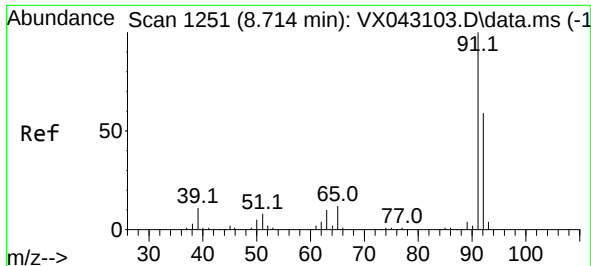
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
61 0.0 15.0 22.6#
87 0.0 10.6 16.0#



#50
Toluene-d8
Concen: 51.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 98 Resp: 175112
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

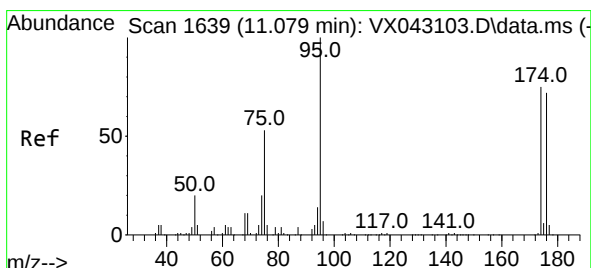
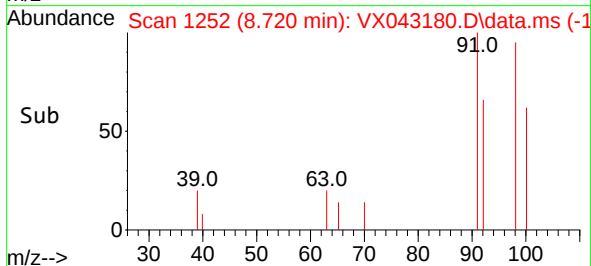
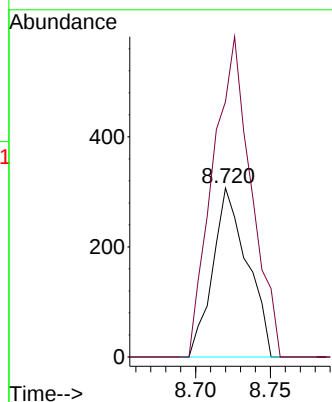
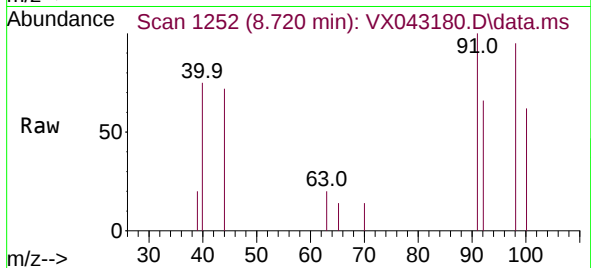




#52
Toluene
Concen: 0.210 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

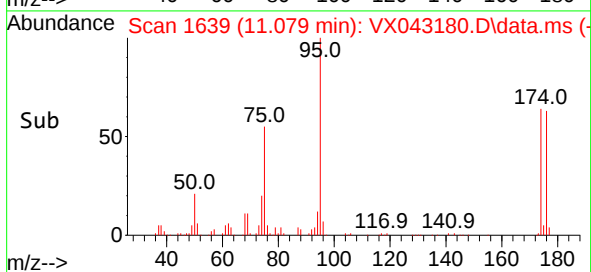
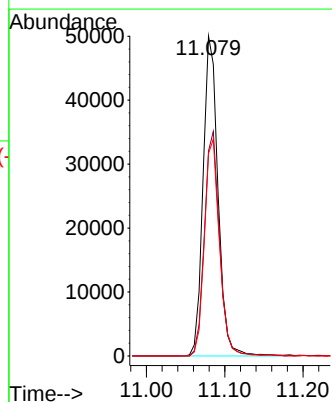
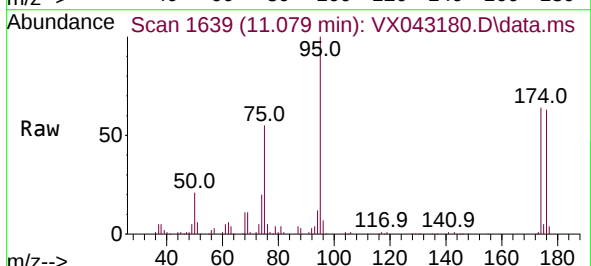
Instrument :
MSVOA_X
ClientSampleId :
CHRT-20425

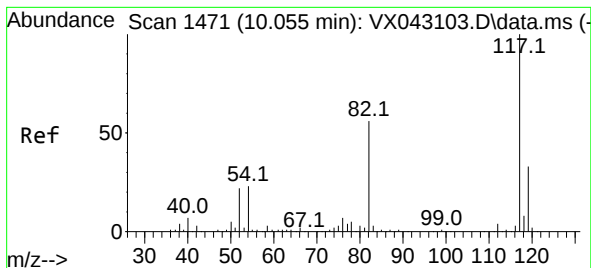
Tgt Ion: 92 Resp: 493
Ion Ratio Lower Upper
92 100
91 210.5 135.9 203.9#



#62
4-Bromofluorobenzene
Concen: 48.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 95 Resp: 66324
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.0
176 68.3 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043180.D

Acq: 26 Sep 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

CHRT-20425

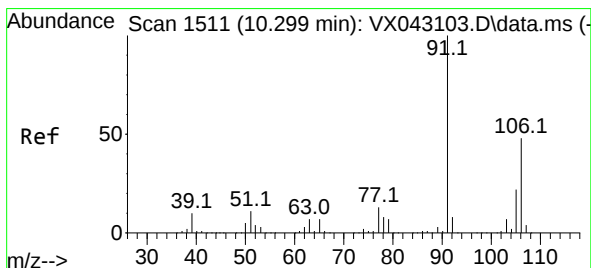
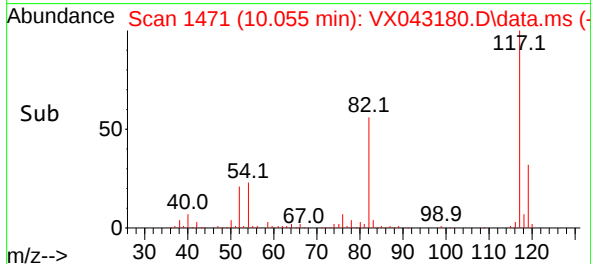
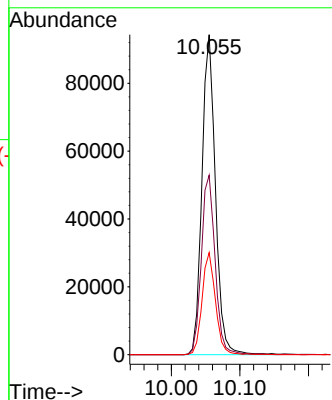
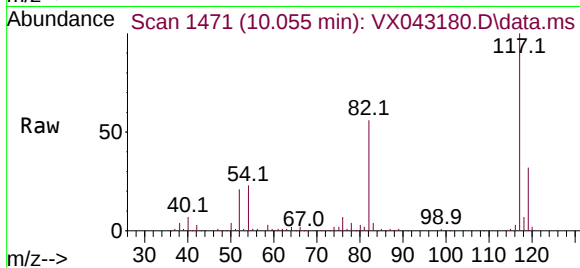
Tgt Ion:117 Resp: 129454

Ion Ratio Lower Upper

117 100

82 56.1 44.7 67.1

119 31.9 26.3 39.5



#68

m/p-Xylenes

Concen: 0.205 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043180.D

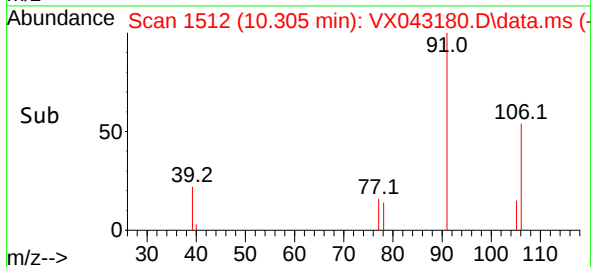
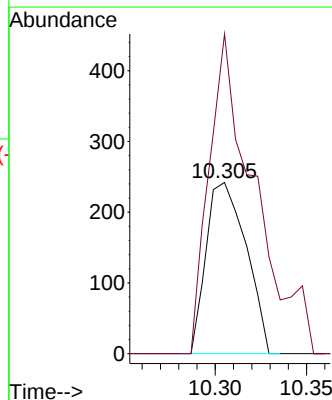
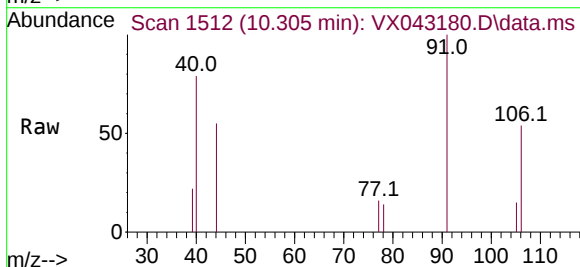
Acq: 26 Sep 2024 15:57

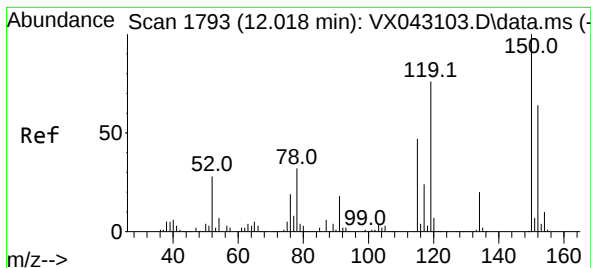
Tgt Ion:106 Resp: 369

Ion Ratio Lower Upper

106 100

91 212.2 167.5 251.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043180.D

Acq: 26 Sep 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

CHRT-20425

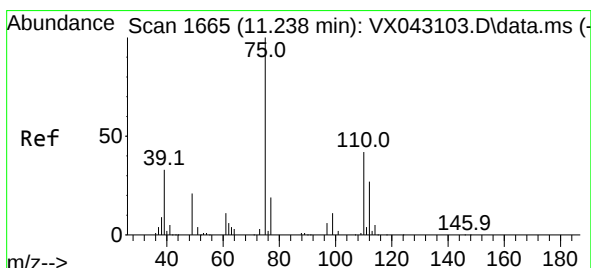
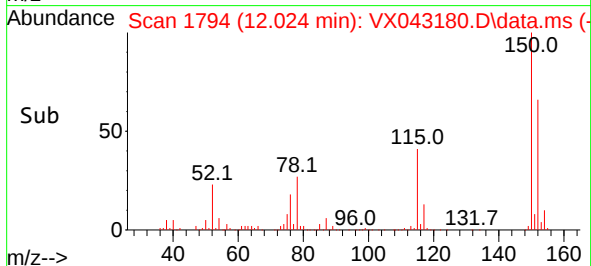
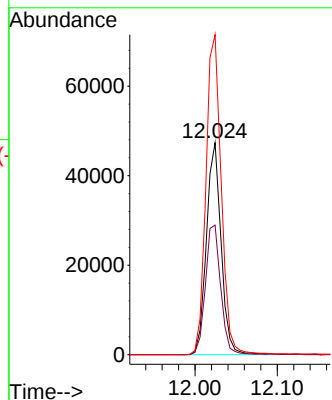
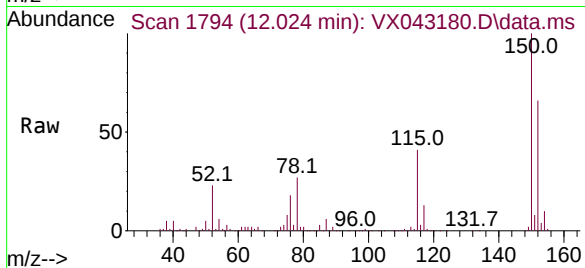
Tgt Ion:152 Resp: 58979

Ion Ratio Lower Upper

152 100

115 63.3 43.7 131.1

150 157.4 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 28.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043180.D

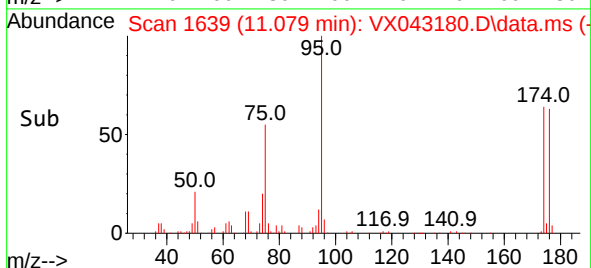
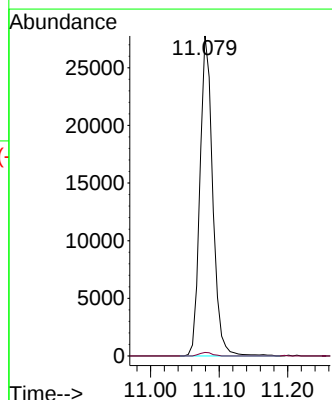
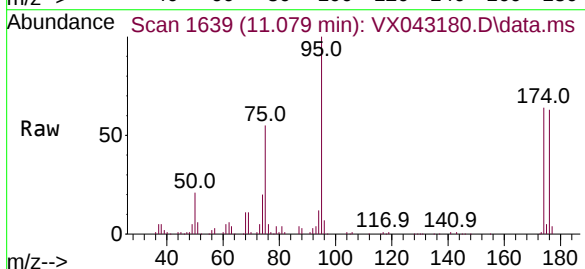
Acq: 26 Sep 2024 15:57

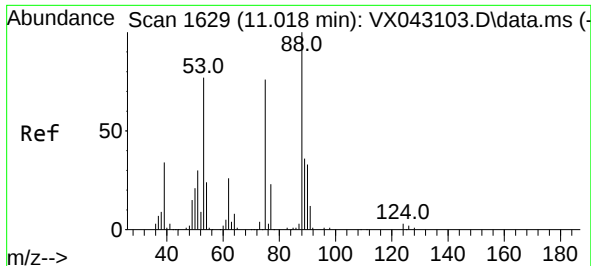
Tgt Ion: 75 Resp: 36213

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#

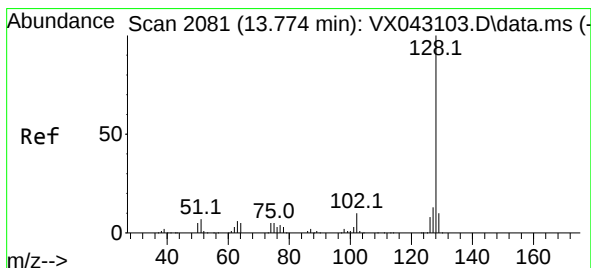
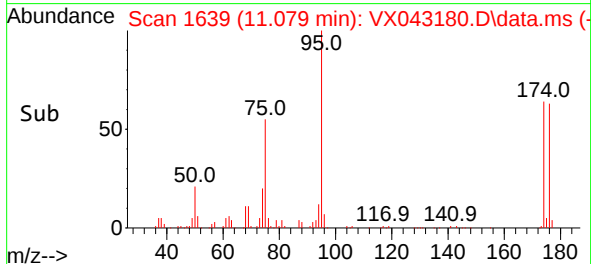
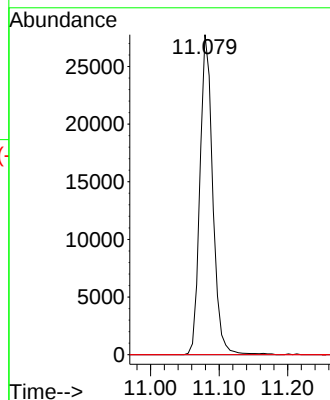
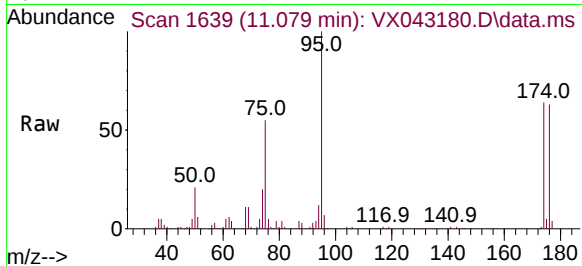




#81
trans-1,4-Dichloro-2-butene
Concen: 68.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Instrument :
MSVOA_X
ClientSampleId :
CHRT-20425

Tgt Ion: 75 Resp: 36213
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.578 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043180.D
Acq: 26 Sep 2024 15:57

Tgt Ion: 128 Resp: 2376
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 8.6 8.6 13.0#

