

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013758.D
 Acq On : 16 May 2023 14:41
 Operator : KP/MD
 Sample : 02770-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-25990

Quant Time: May 17 07:47:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

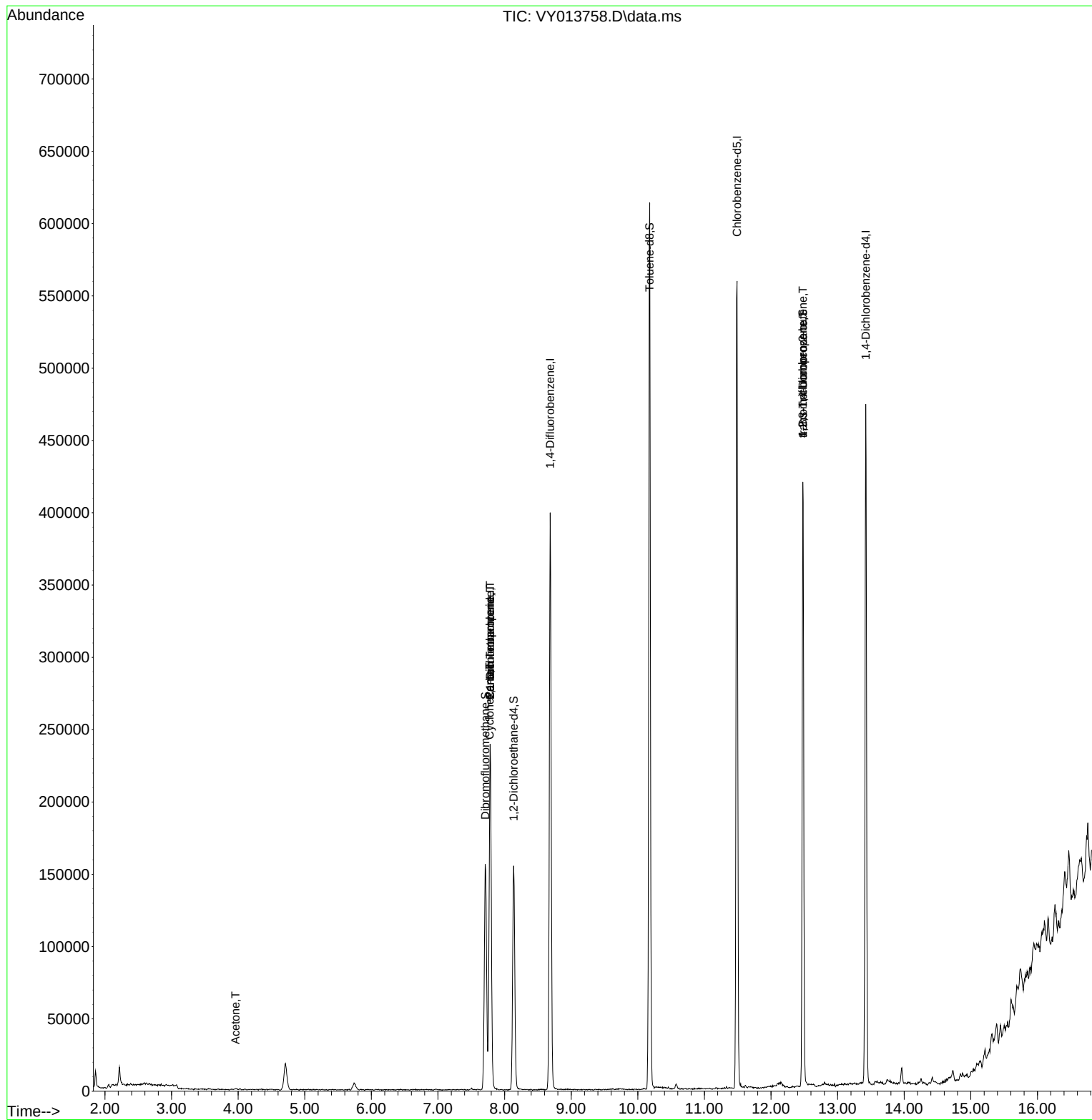
Internal Standards						
1) Pentafluorobenzene	7.783	168	180249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123379	62.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.880%	
35) Dibromofluoromethane	7.710	113	108741	54.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.179	98	387949	54.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	12.477	95	124801	52.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
13) Acrolein	3.747	56	29	Below Cal	#	55
16) Acetone	3.960	43	1184	1.522	ug/l #	86
20) Methylene Chloride	4.704	84	12774	Below Cal	#	85
31) Cyclohexane	7.777	56	4561	1.289	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	14543	4.406	ug/l #	47
38) Carbon Tetrachloride	7.783	117	17376	5.022	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	66313	41.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66313	85.149	ug/l #	13

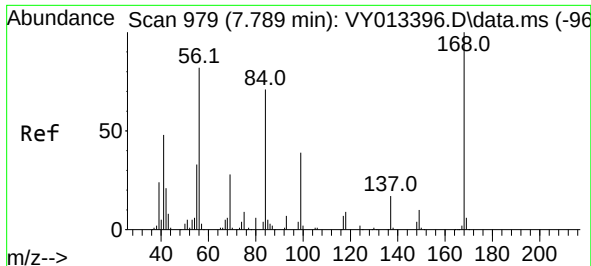
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

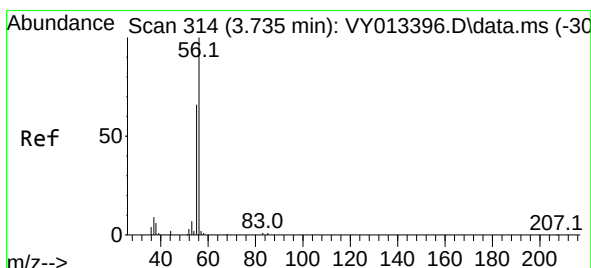
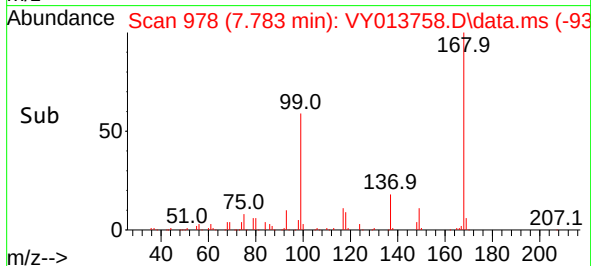
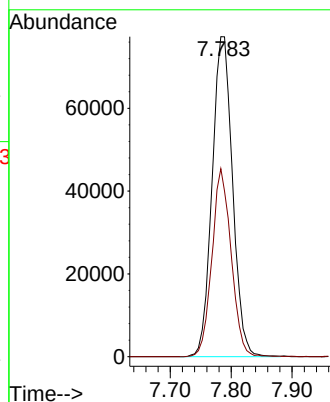
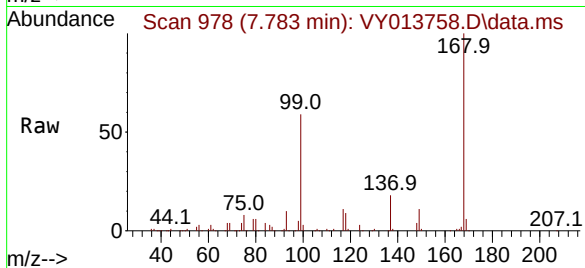




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

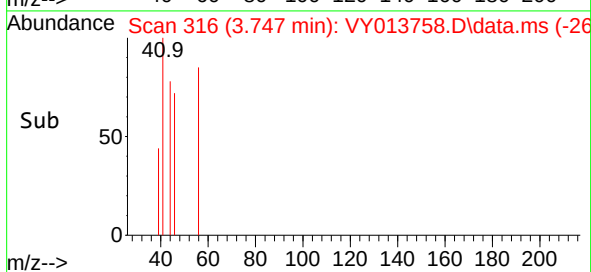
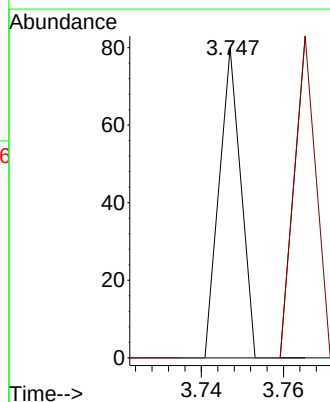
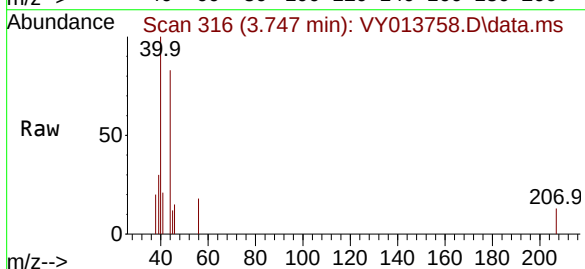
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25990

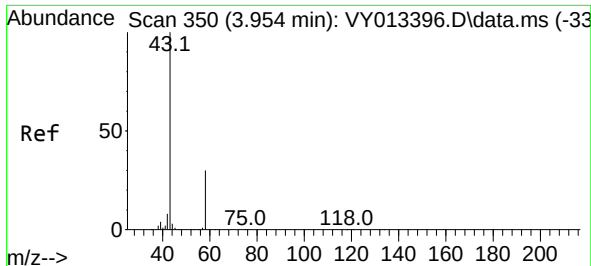
Tgt Ion:168 Resp: 180249
Ion Ratio Lower Upper
168 100
99 58.7 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 103.4 54.1 81.1#

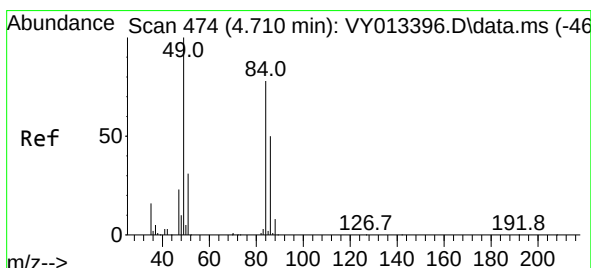
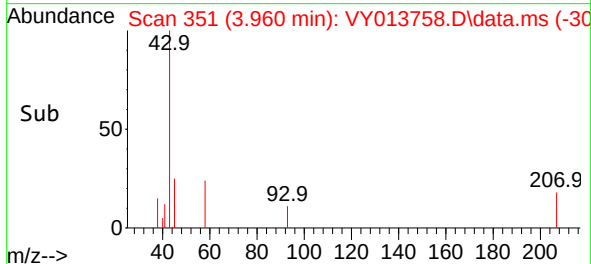
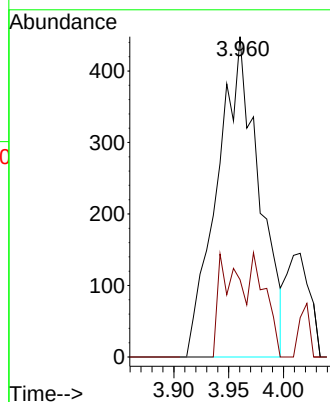
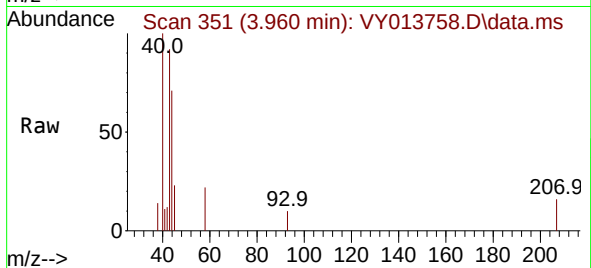




#16
Acetone
Concen: 1.522 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

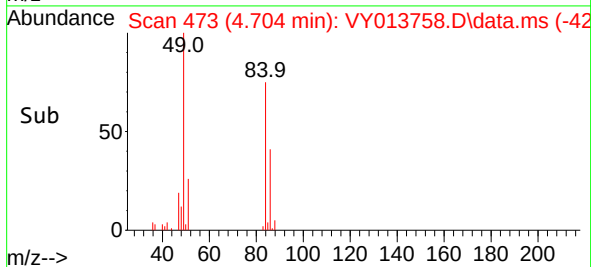
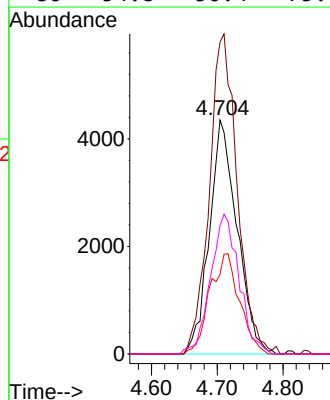
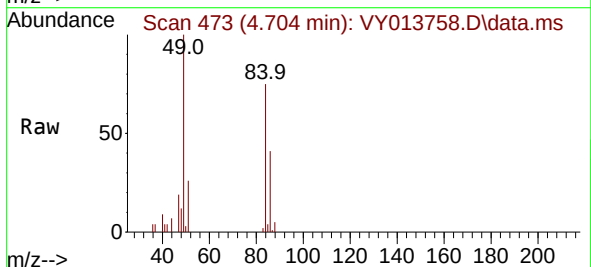
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25990

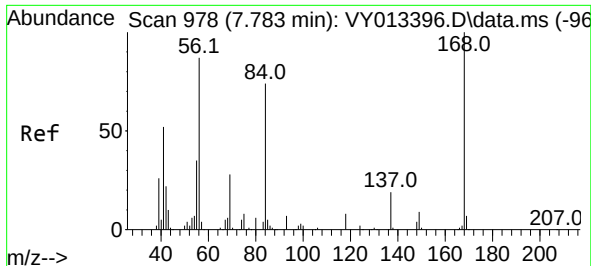
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 24.1 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 84 Resp: 12774
Ion Ratio Lower Upper
84 100
49 133.4 88.0 132.0#
51 34.1 27.4 41.0
86 54.8 50.4 75.6

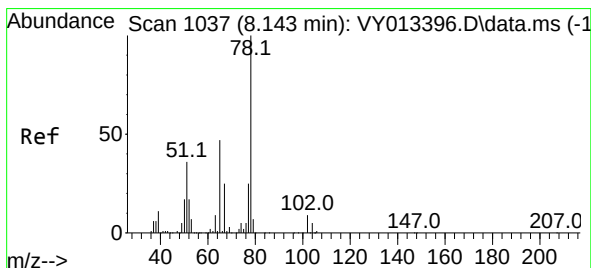
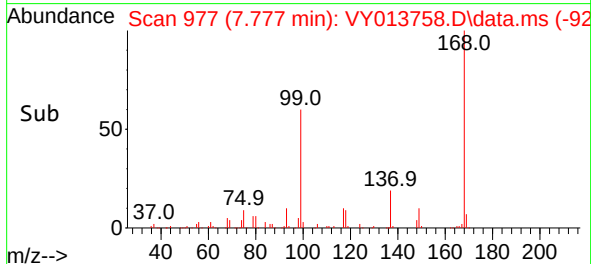
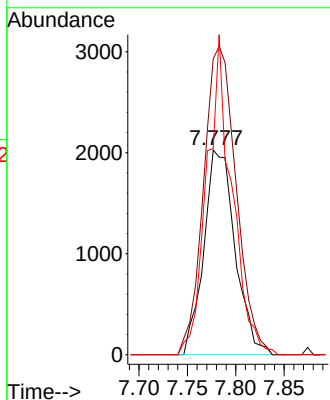
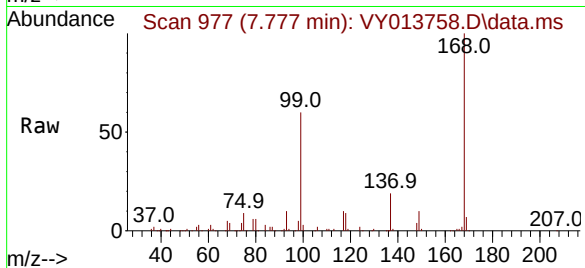




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

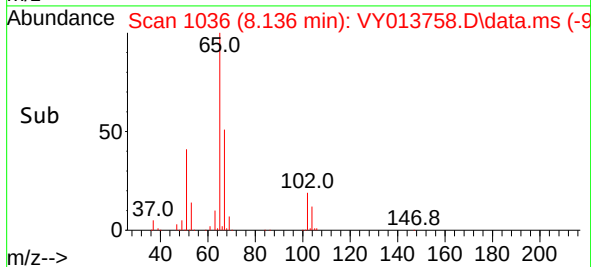
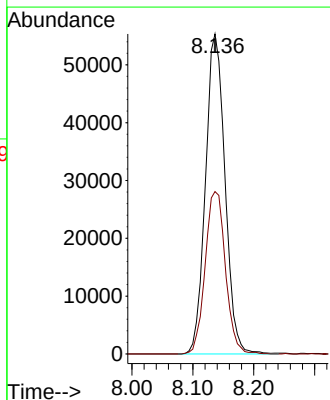
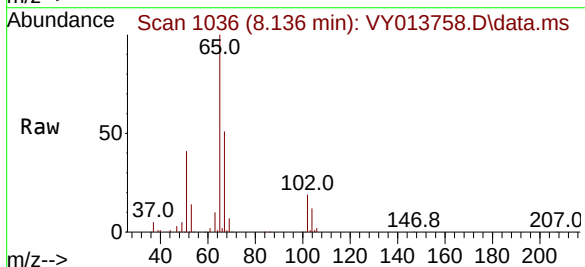
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25990

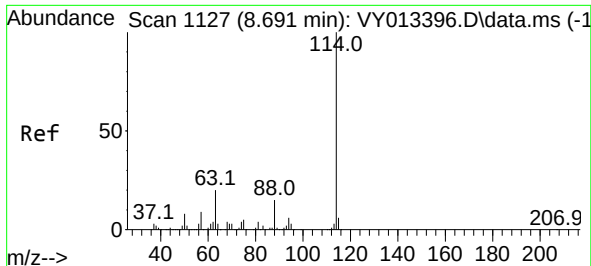
Tgt Ion: 56 Resp: 4561
Ion Ratio Lower Upper
56 100
69 144.6 29.2 43.8#
84 100.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 62.441 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 65 Resp: 123379
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4

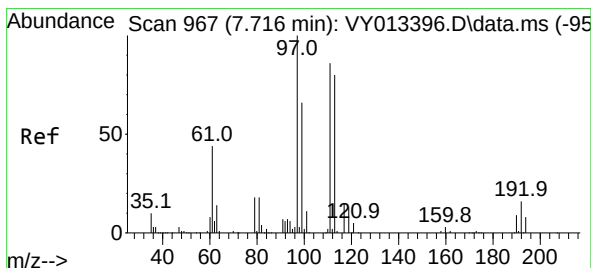
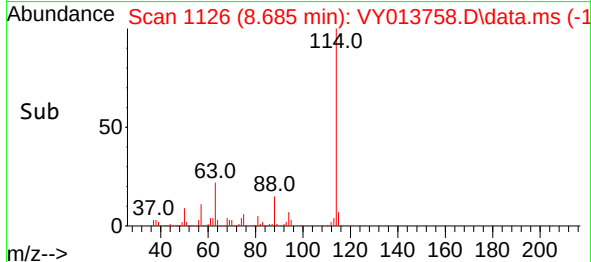
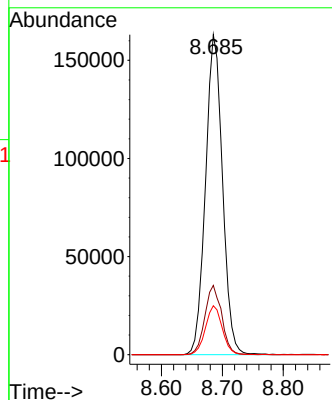
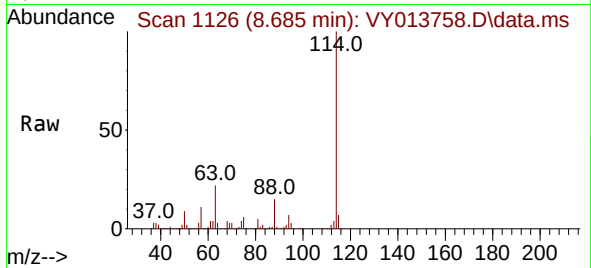




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

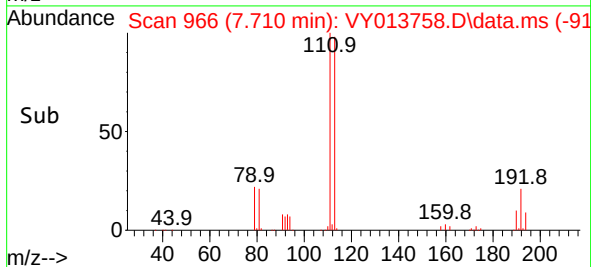
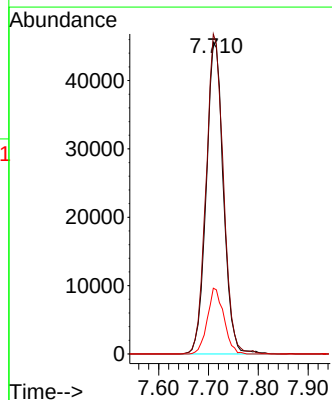
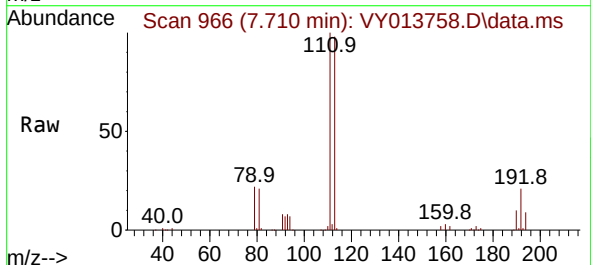
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25990

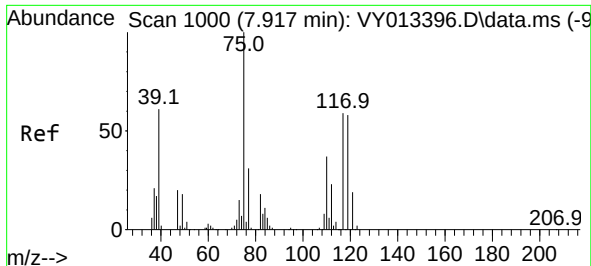
Tgt Ion:114 Resp: 316227
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.6
88 15.3 0.0 28.8



#35
Dibromofluoromethane
Concen: 54.673 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion:113 Resp: 108741
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.406 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013758.D

Acq: 16 May 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25990

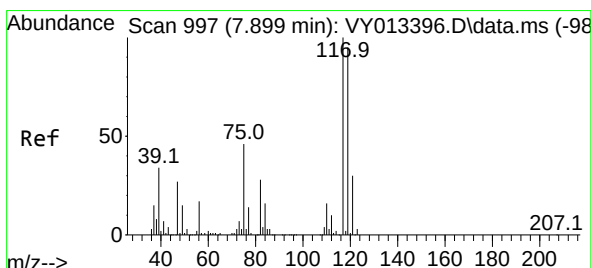
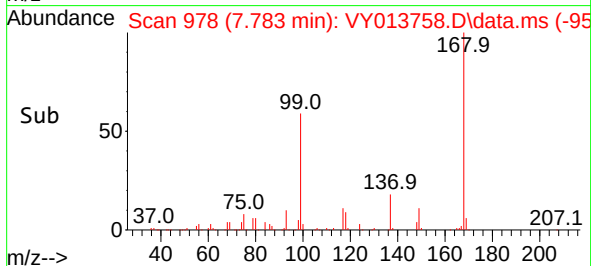
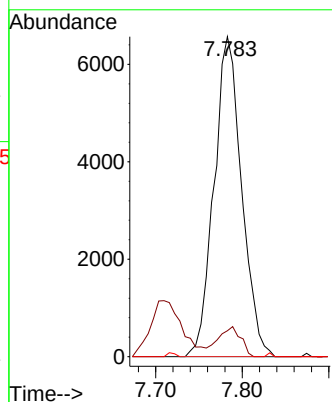
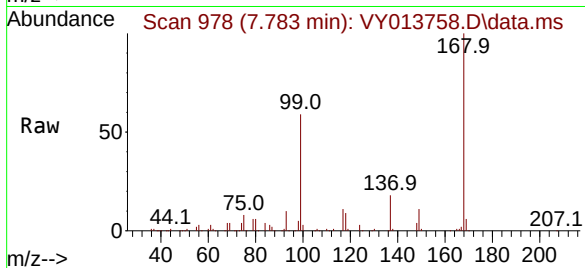
Tgt Ion: 75 Resp: 14543

Ion Ratio Lower Upper

75 100

110 7.7 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.022 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013758.D

Acq: 16 May 2023 14:41

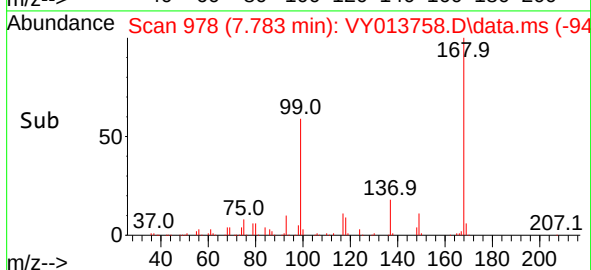
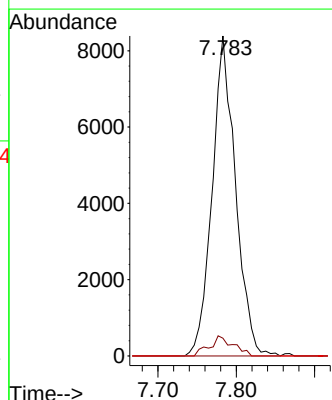
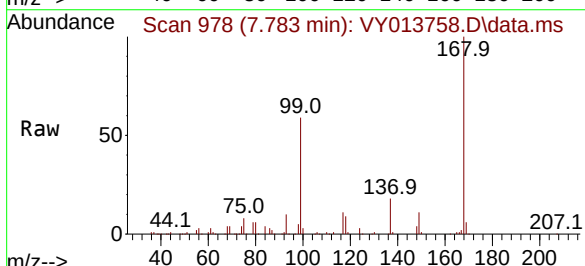
Tgt Ion: 117 Resp: 17376

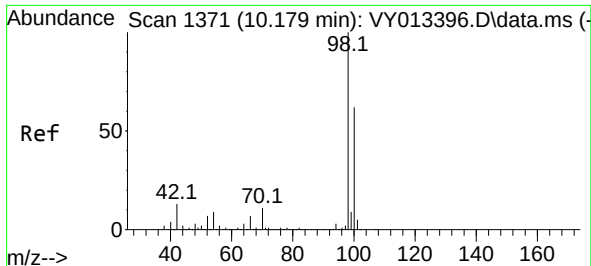
Ion Ratio Lower Upper

117 100

119 5.5 79.0 118.6#

121 0.0 26.6 40.0#

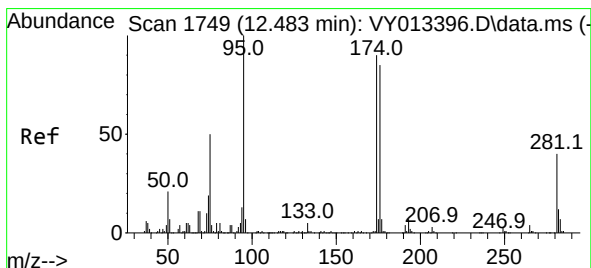
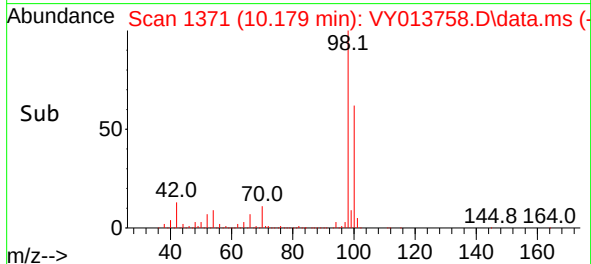
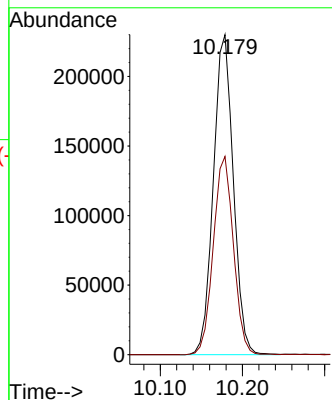
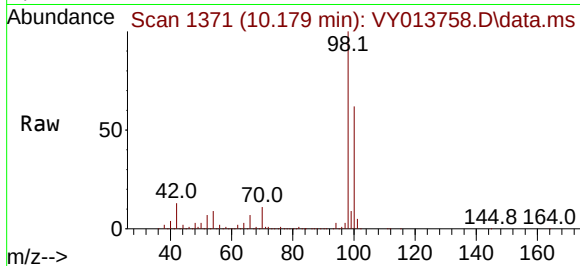




#50
Toluene-d8
Concen: 54.831 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

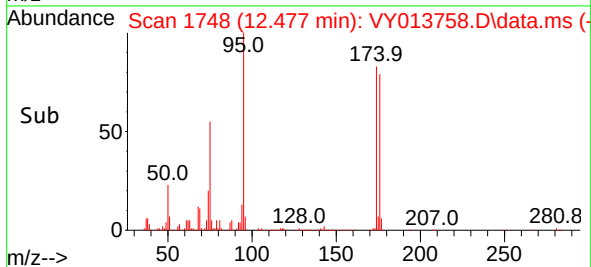
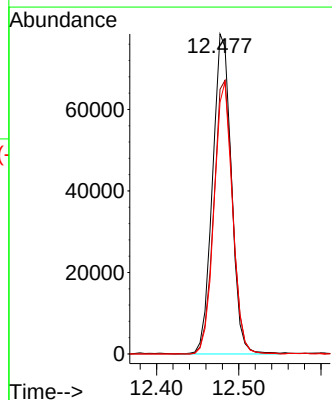
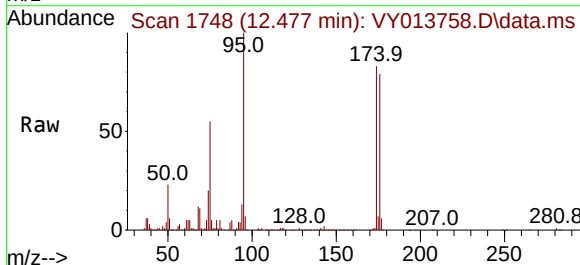
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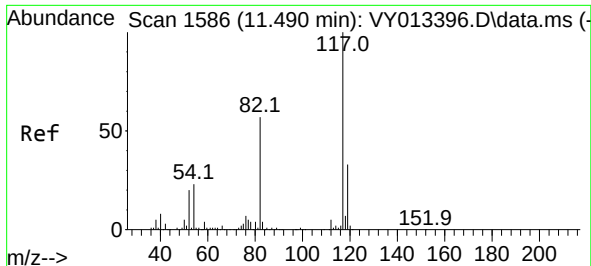
Tgt Ion: 98 Resp: 387949
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.321 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 95 Resp: 124801
Ion Ratio Lower Upper
95 100
174 86.0 0.0 182.0
176 82.9 0.0 175.4

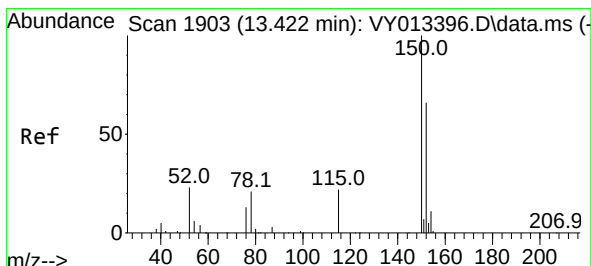
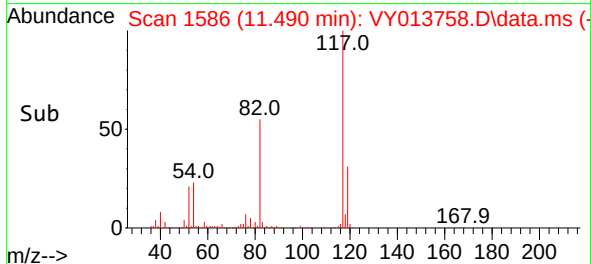
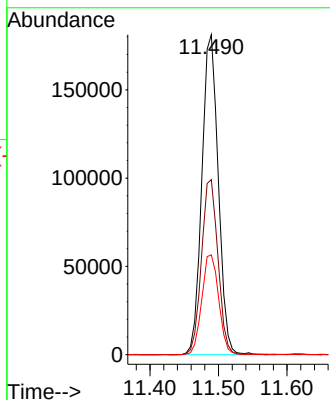
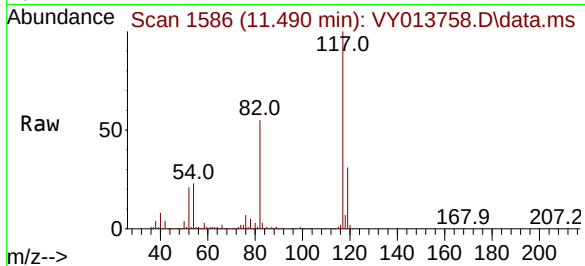




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

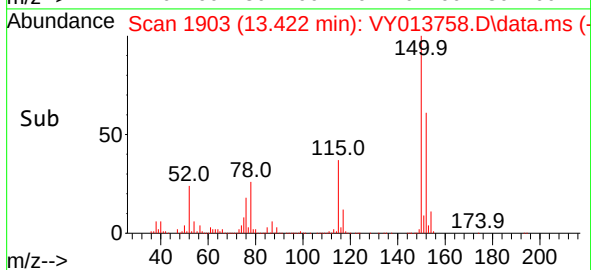
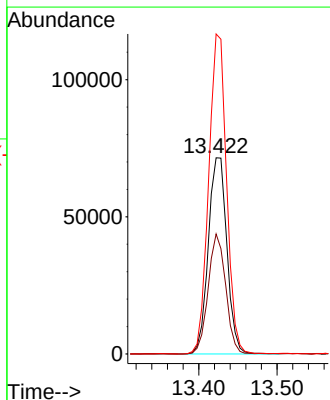
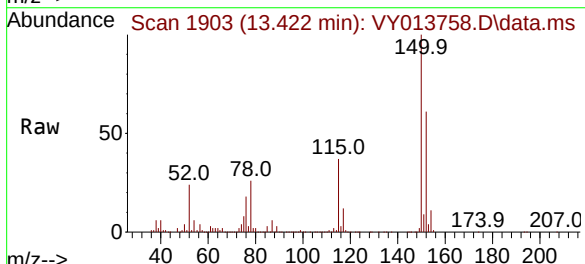
Instrument :
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CHRT-25990

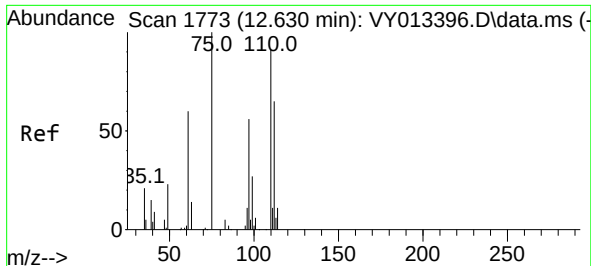
Tgt Ion:117 Resp: 302527
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.6
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion:152 Resp: 118124
Ion Ratio Lower Upper
152 100
115 57.6 28.1 84.2
150 156.6 0.0 352.0

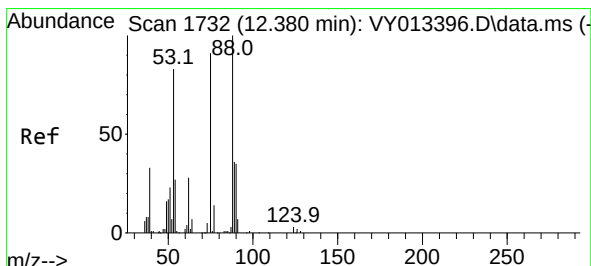
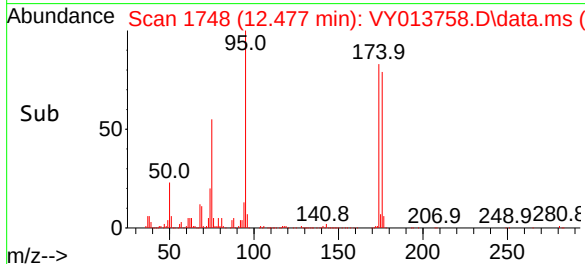
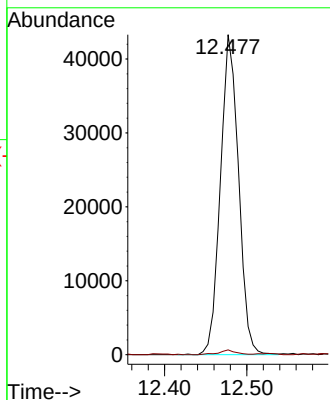
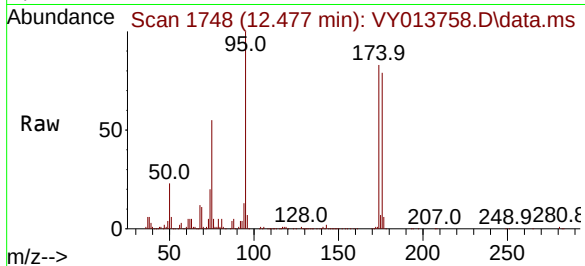




#76
1,2,3-Trichloropropane
Concen: 41.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25990

Tgt Ion: 75 Resp: 66313
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.149 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 75 Resp: 66313
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.1 38.0 57.0#

