

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013250.D
 Acq On : 11 Apr 2023 18:10
 Operator : KP/MD
 Sample : 02269-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20424

Quant Time: Apr 12 01:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

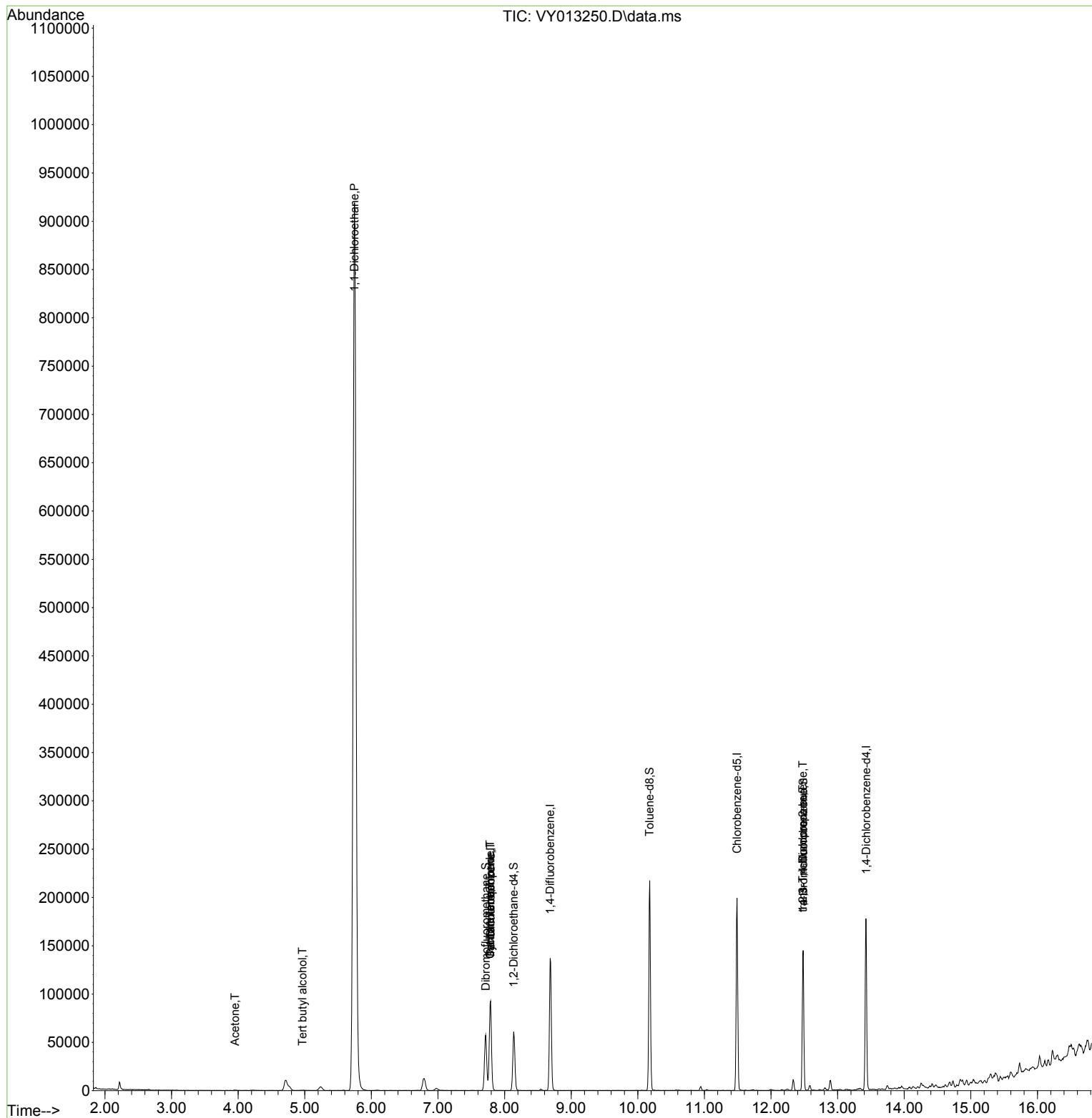
Internal Standards						
1) Pentafluorobenzene	7.789	168	66513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46732	62.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.960%			
35) Dibromofluoromethane	7.716	113	38928	57.880	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.760%			
50) Toluene-d8	10.179	98	136248	57.862	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.720%			
62) 4-Bromofluorobenzene	12.483	95	41316	49.135	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.280%			
Target Compounds						
3) Chloromethane	2.107	50	408	Below Cal	#	84
11) Tert butyl alcohol	4.966	59	428	3.304	ug/l #	74
16) Acetone	3.954	43	788	2.589	ug/l #	76
17) Carbon Disulfide	4.192	76	91	Below Cal	#	75
24) 1,1-Dichloroethane	5.746	63	1871	1.572	ug/l #	82
31) Cyclohexane	7.783	56	4219	4.437	ug/l #	70
36) 1,1-Dichloropropene	7.789	75	5485	5.930	ug/l #	49
38) Carbon Tetrachloride	7.783	117	6675	6.198	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	22938	42.738	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22938	88.136	ug/l #	13

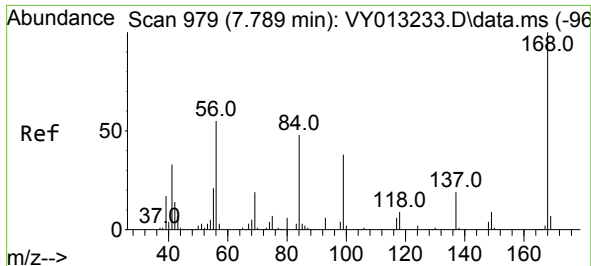
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHRT-20424

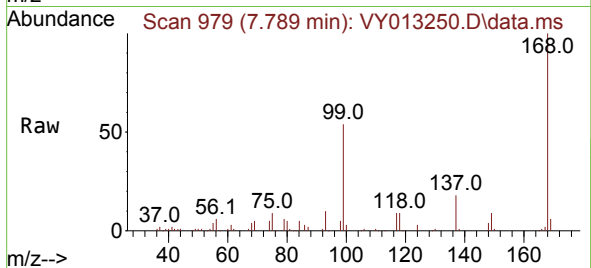
Quant Time: Apr 12 01:37:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 11:59:49 2023
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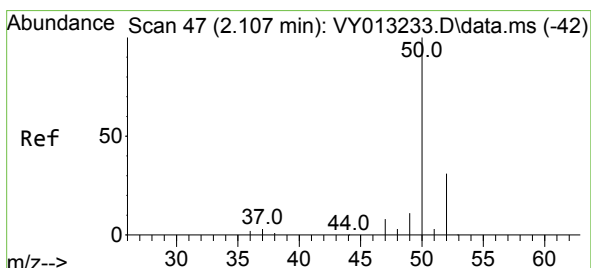
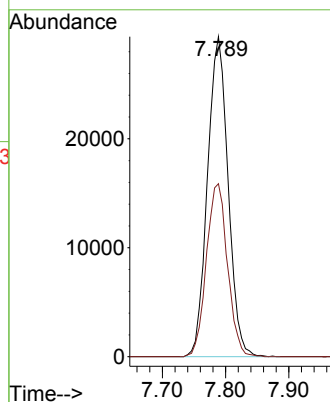
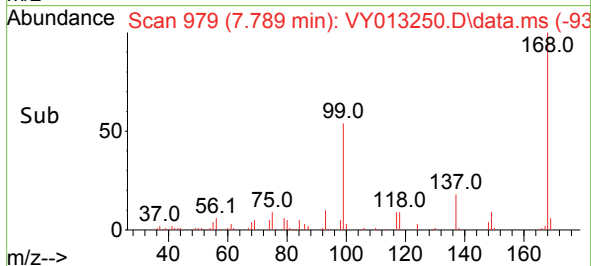


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

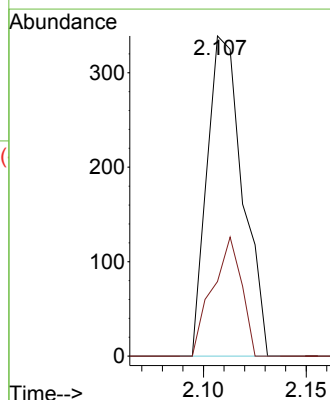
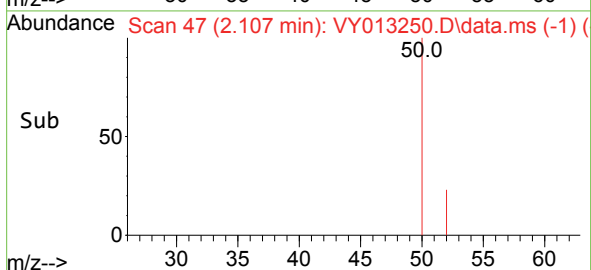
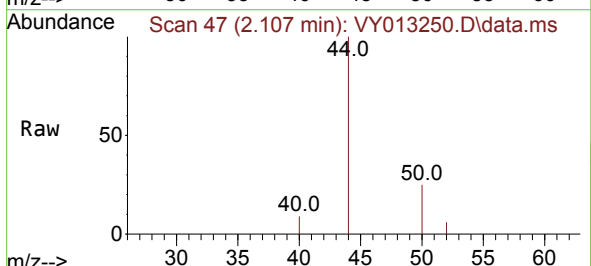


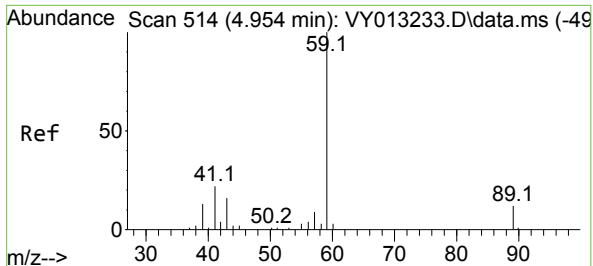
Tgt Ion:168 Resp: 66513
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 23.3 26.0 39.0#





#11

Tert butyl alcohol

Concen: 3.304 ug/l

RT: 4.966 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY013250.D

Acq: 11 Apr 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

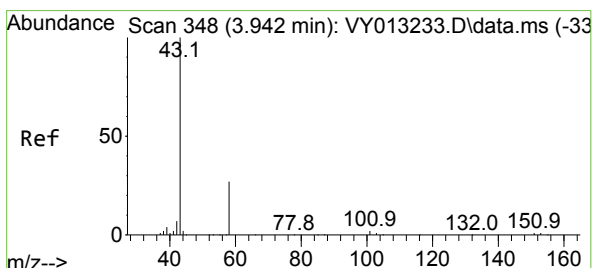
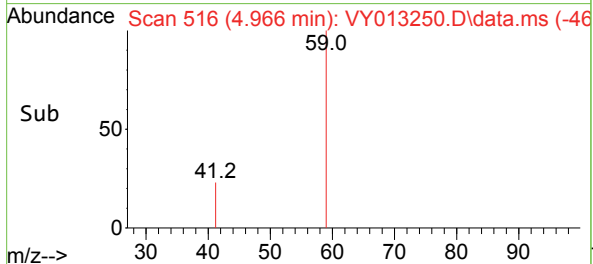
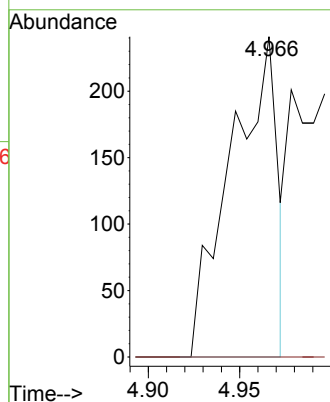
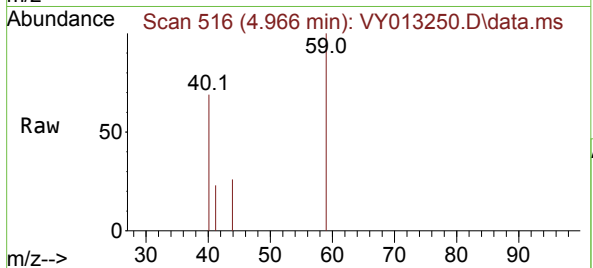
CHRT-20424

Tgt Ion: 59 Resp: 428

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.589 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY013250.D

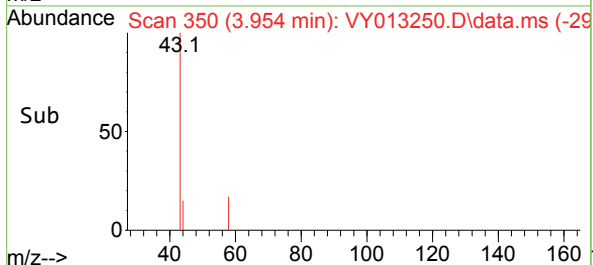
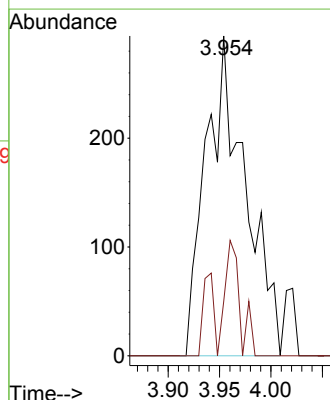
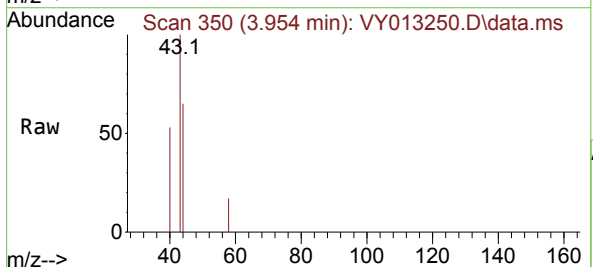
Acq: 11 Apr 2023 18:10

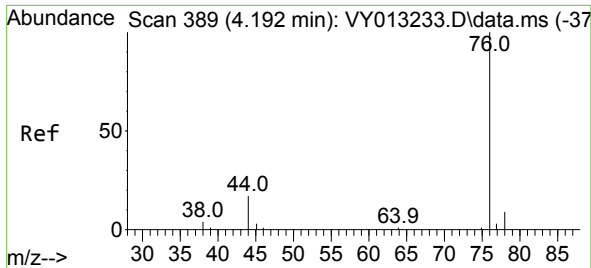
Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

58 17.0 24.2 36.2#

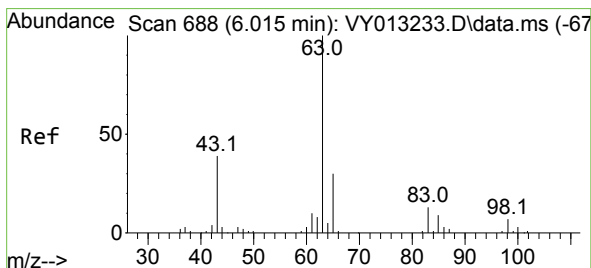
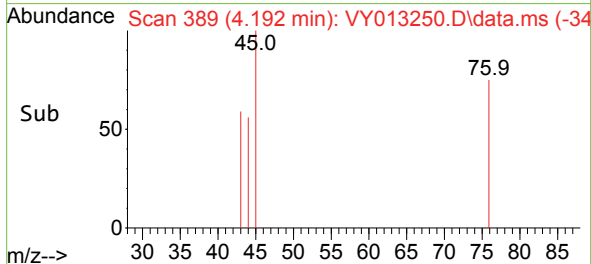
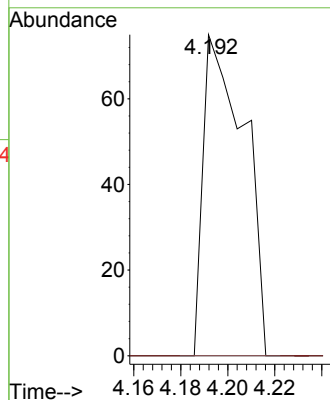
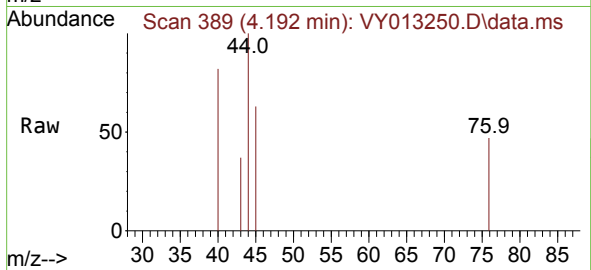




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

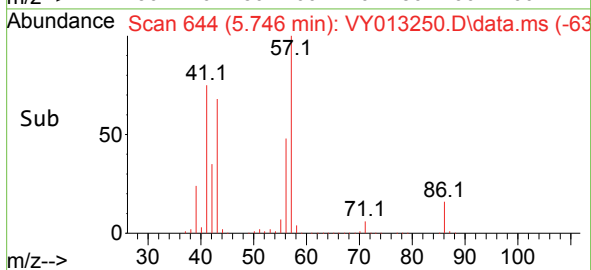
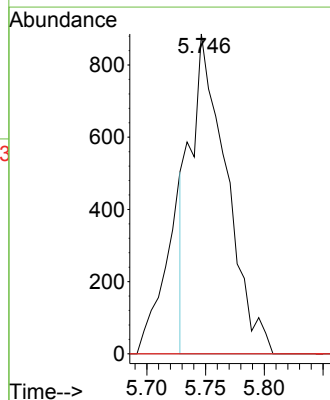
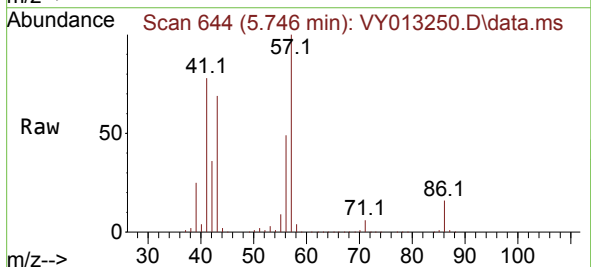
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

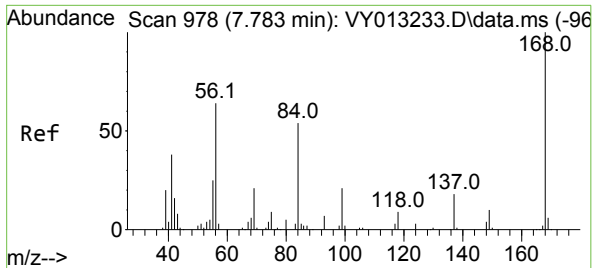
Tgt Ion: 76 Resp: 91
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 1.572 ug/l
RT: 5.746 min Scan# 644
Delta R.T. -0.269 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 63 Resp: 1871
Ion Ratio Lower Upper
63 100
98 0.0 3.7 11.1#
100 0.0 2.3 6.8#

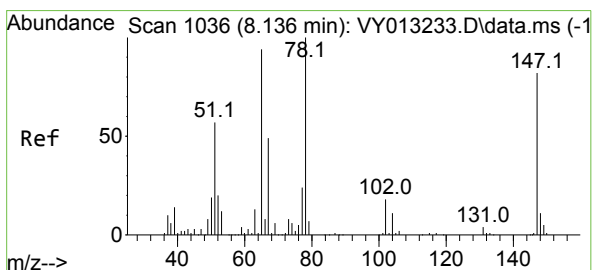
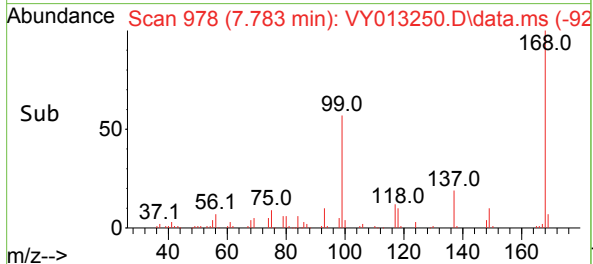
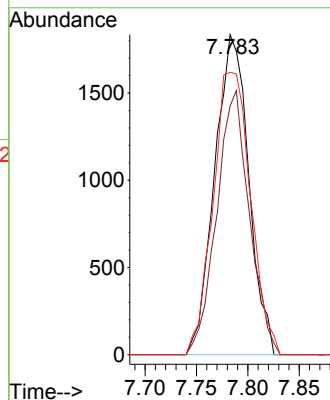
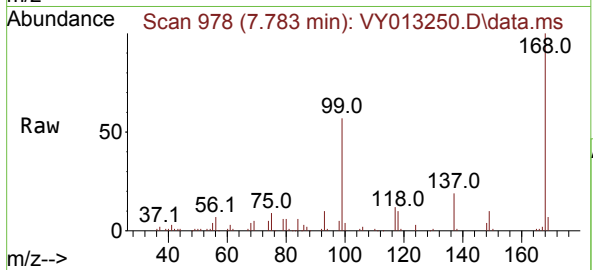




#31
Cyclohexane
Concen: 4.437 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

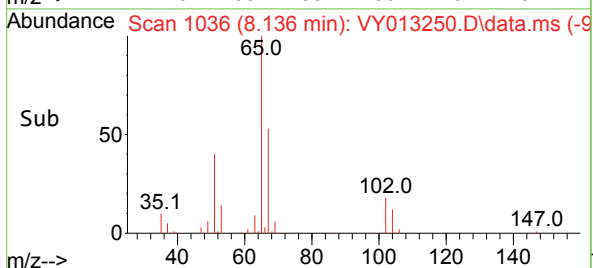
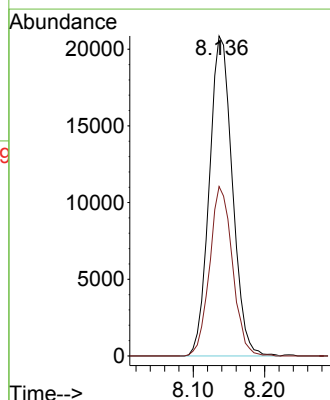
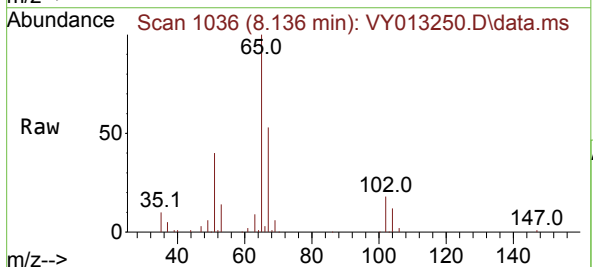
Instrument :
MSVOA_Y
ClientSampleId :
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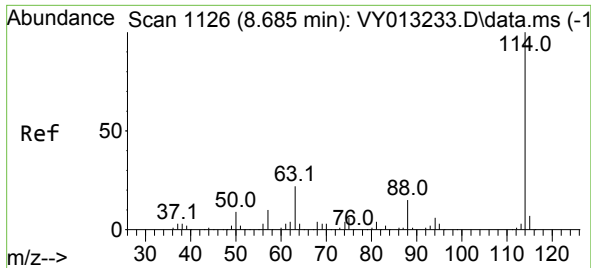
Tgt Ion: 56 Resp: 4219
Ion Ratio Lower Upper
56 100
69 77.7 25.7 38.5#
84 88.2 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 62.479 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 65 Resp: 46732
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

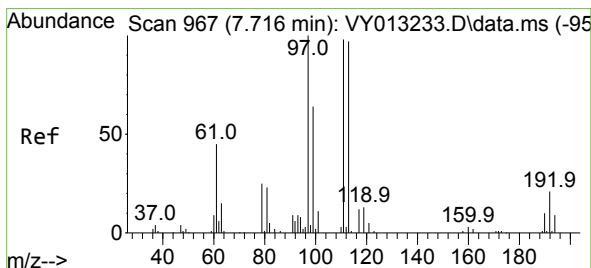
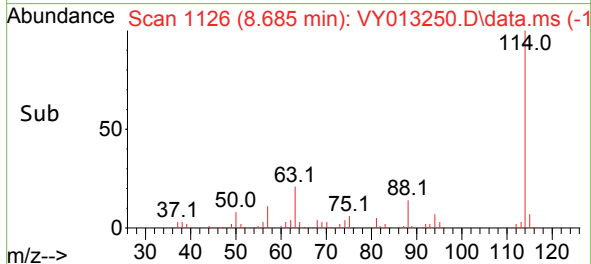
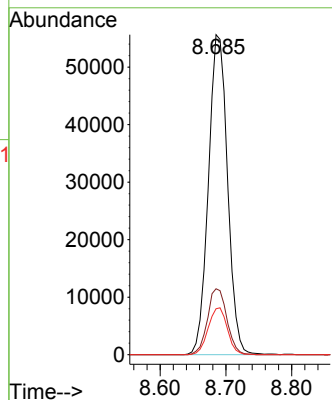
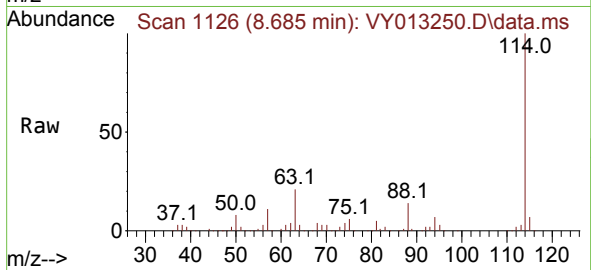




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

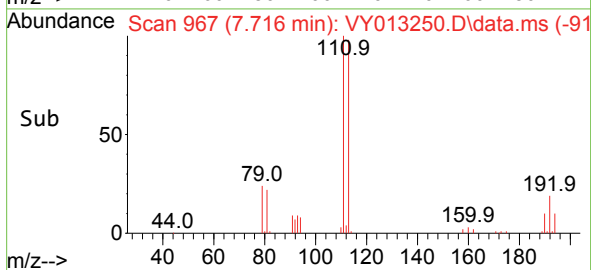
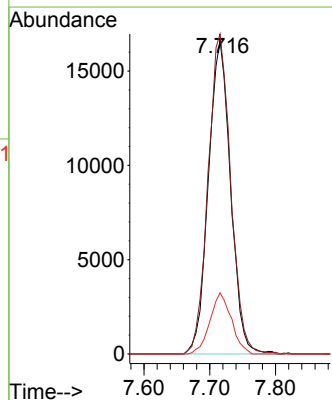
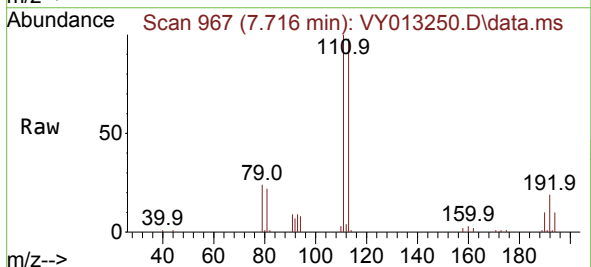
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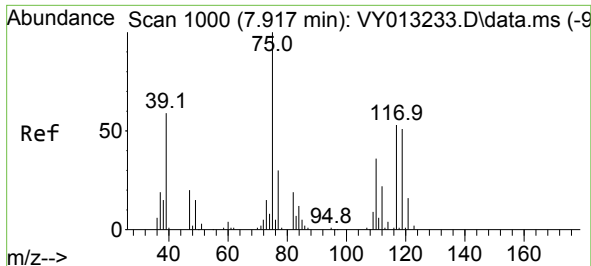
Tgt Ion:114 Resp: 112515
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 14.3 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.880 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion:113 Resp: 38928
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.9 16.8 25.2

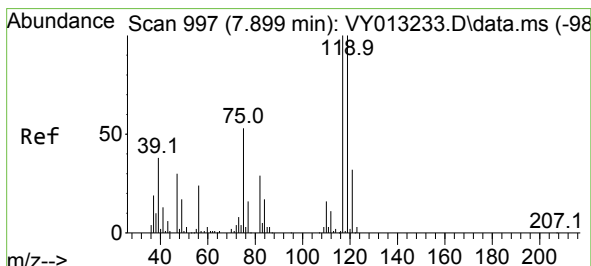
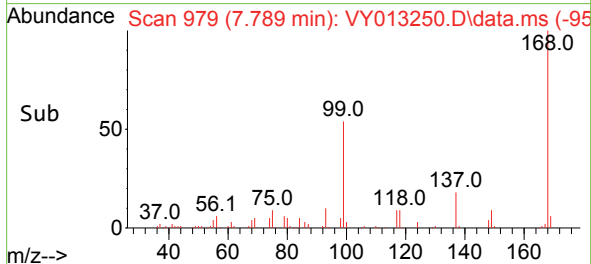
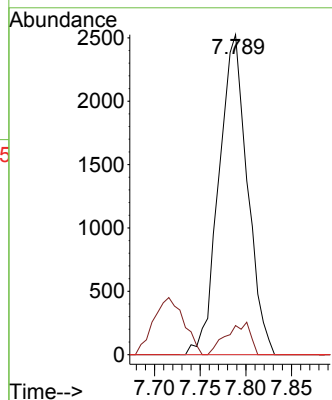
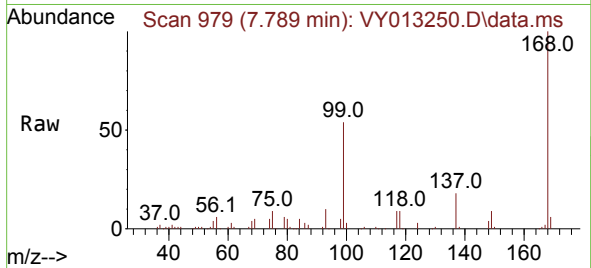




#36
1,1-Dichloropropene
Concen: 5.930 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

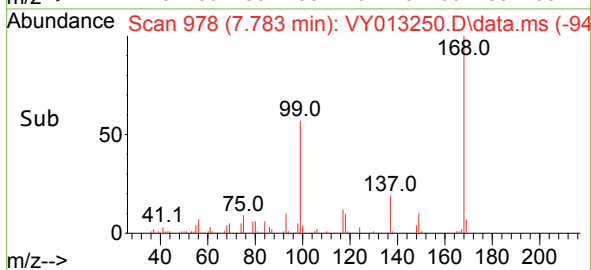
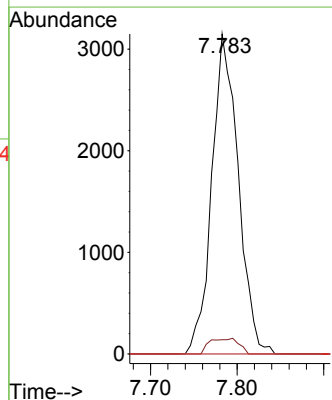
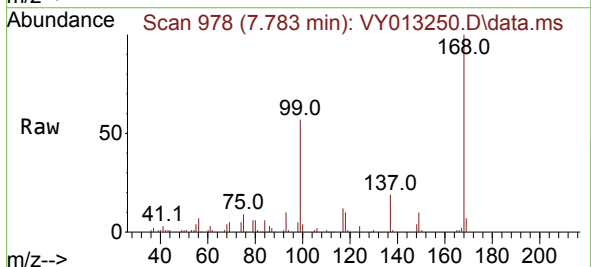
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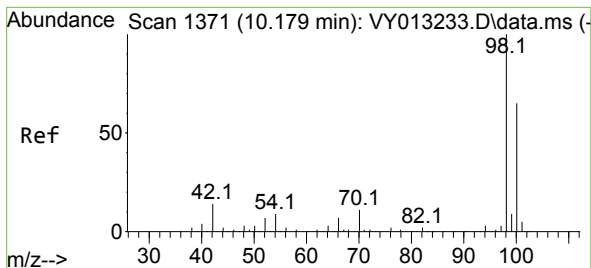
Tgt Ion: 75 Resp: 5485
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 117 Resp: 6675
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 24.7 37.1#

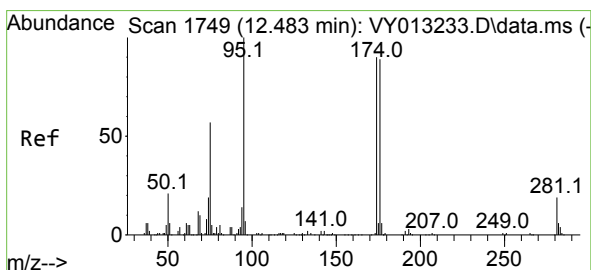
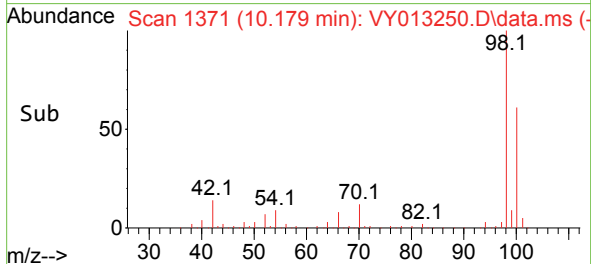
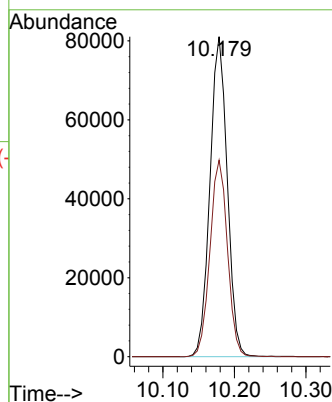
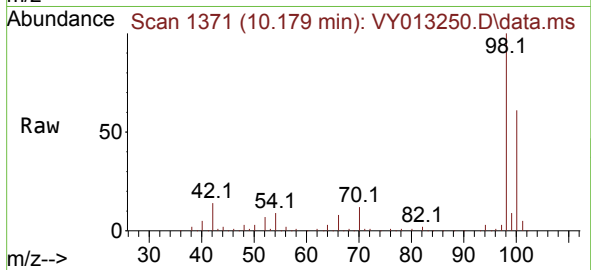




#50
Toluene-d8
Concen: 57.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

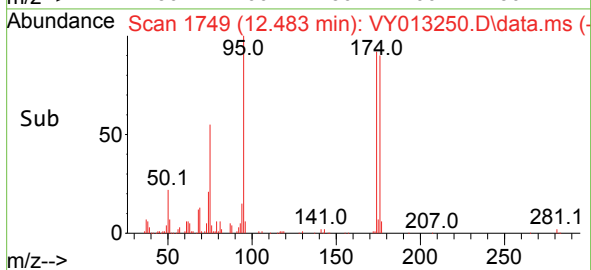
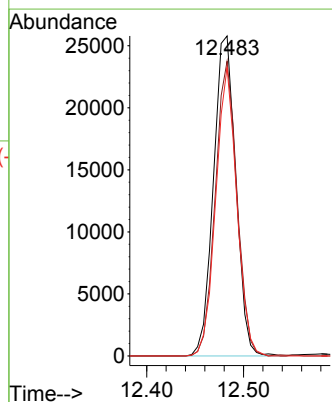
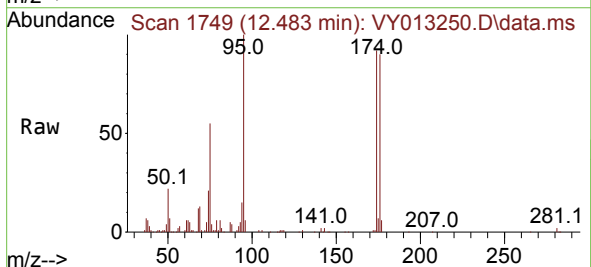
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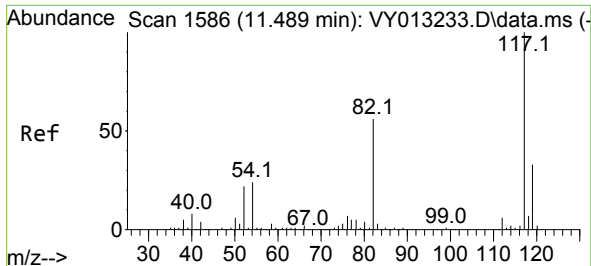
Tgt Ion: 98 Resp: 136248
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 95 Resp: 41316
Ion Ratio Lower Upper
95 100
174 89.4 0.0 176.6
176 84.8 0.0 170.2

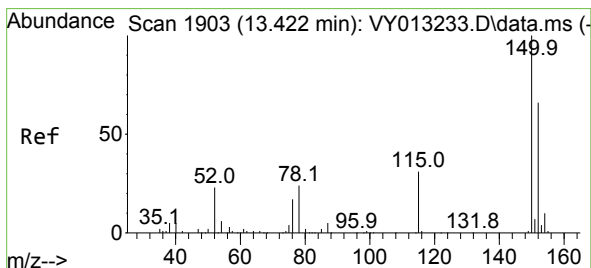
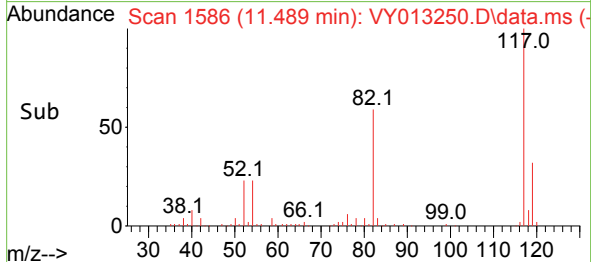
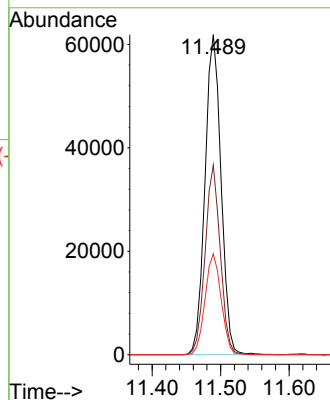
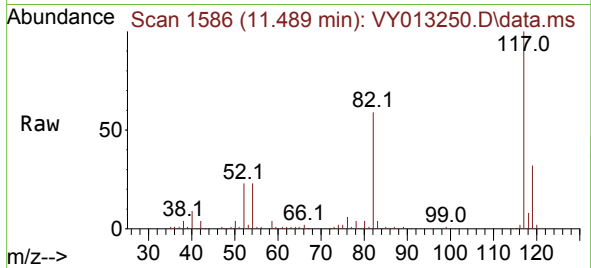




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

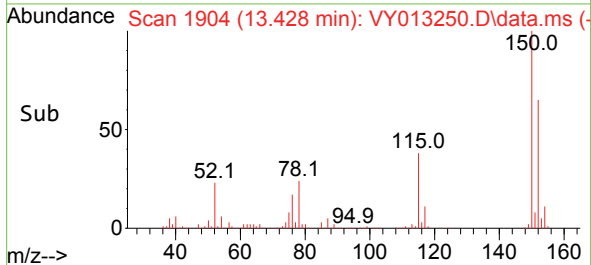
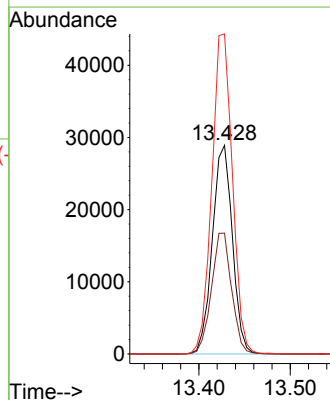
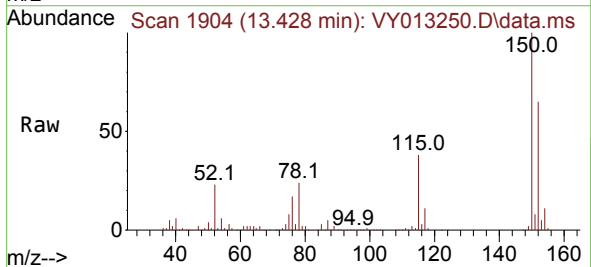
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

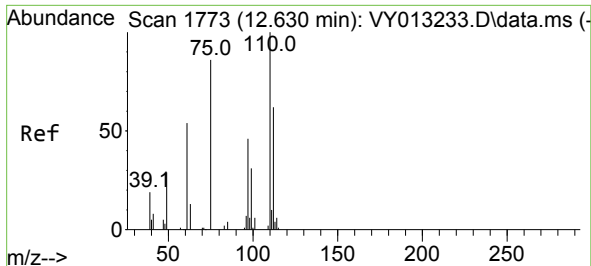
Tgt Ion:117 Resp: 100804
Ion Ratio Lower Upper
117 100
82 59.2 45.4 68.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion:152 Resp: 44095
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 157.4 0.0 347.8

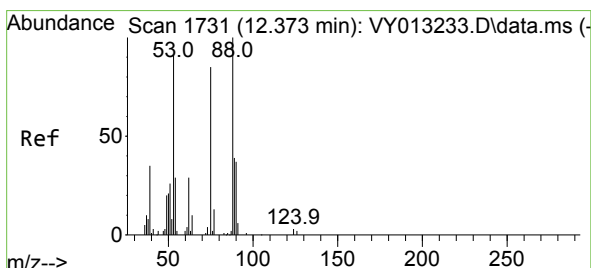
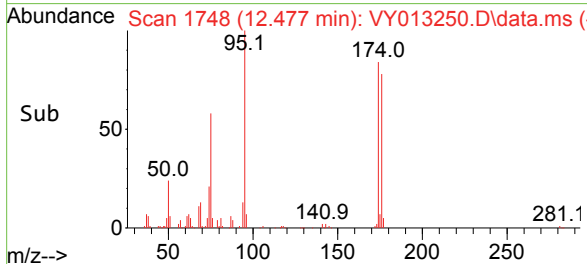
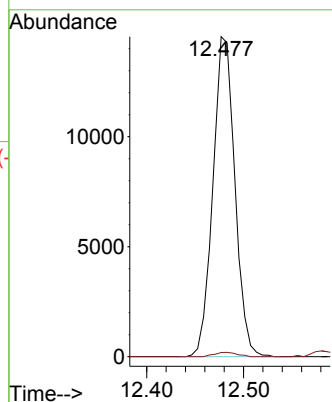
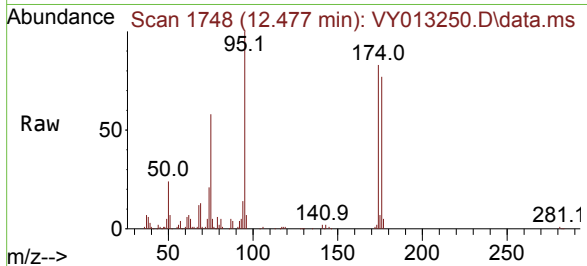




#76
1,2,3-Trichloropropane
Concen: 42.738 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20424

Tgt Ion: 75 Resp: 22938
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.136 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013250.D
Acq: 11 Apr 2023 18:10

Tgt Ion: 75 Resp: 22938
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.0 36.6 55.0#

