

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008123.D
 Acq On : 30 Mar 2022 20:23
 Operator : SY/MD
 Sample : N2176-01
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Quant Time: Mar 31 05:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

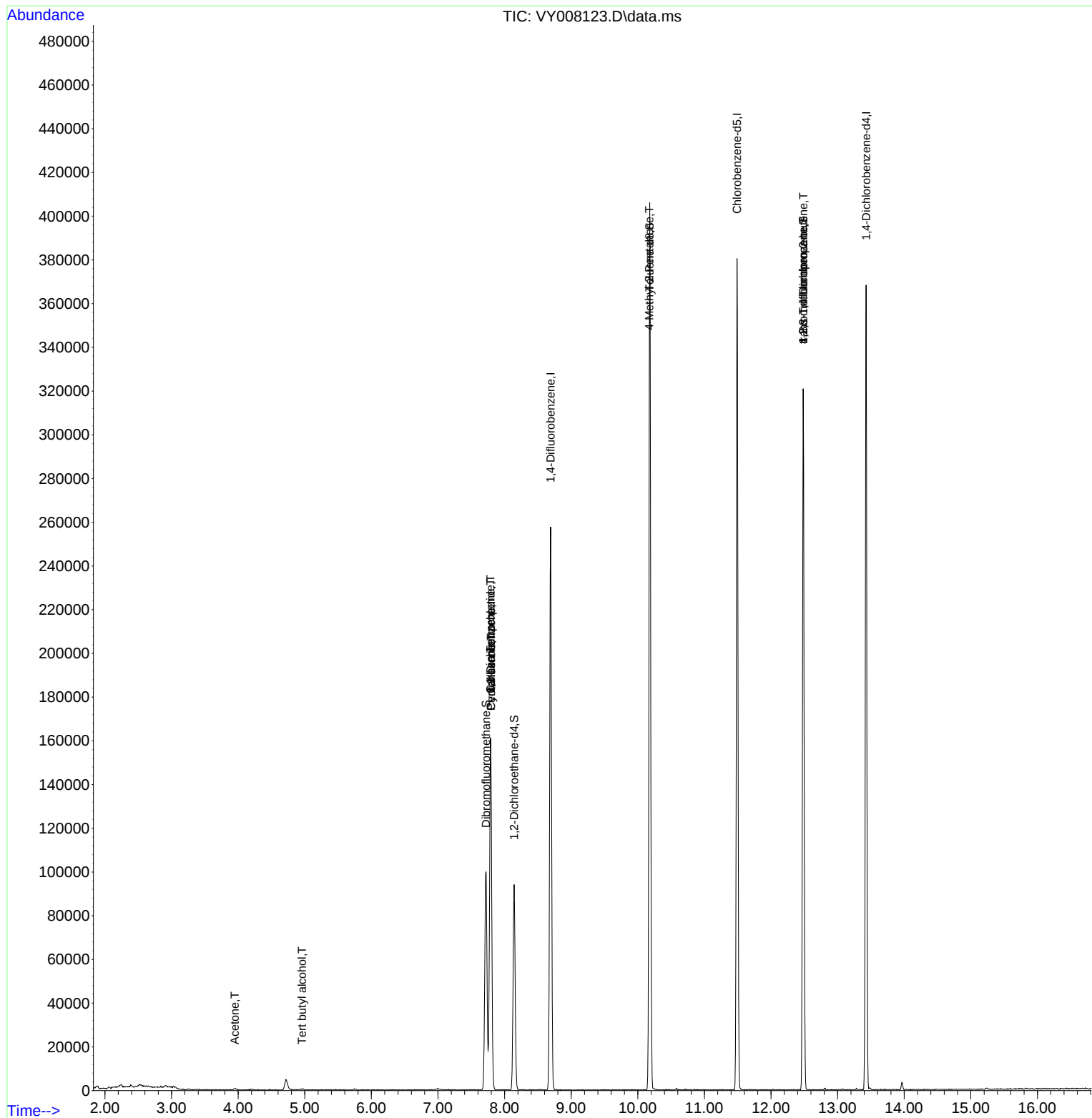
Internal Standards						
1) Pentafluorobenzene	7.795	168	126521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71338	56.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.400%			
35) Dibromofluoromethane	7.722	113	72221	50.231	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.460%			
50) Toluene-d8	10.179	98	276332	51.014	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.483	95	93113	48.723	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.440%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1142	8.671	ug/l #	83
16) Acetone	3.948	43	1284	4.425	ug/l	98
18) Methyl Acetate	4.466	43	122	Below Cal	#	56
20) Methylene Chloride	4.716	84	3816	Below Cal	#	75
31) Cyclohexane	7.795	56	2600	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9780	4.330	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12537	5.094	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	1106	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48541	43.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48541	96.334	ug/l #	7

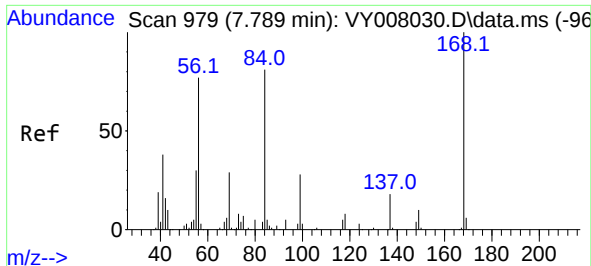
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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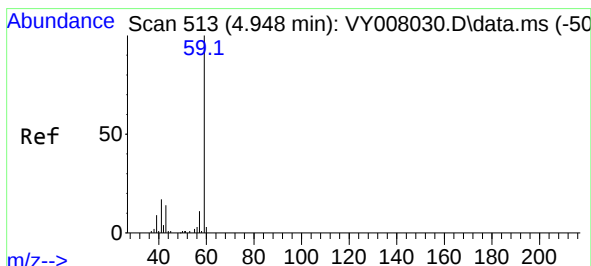
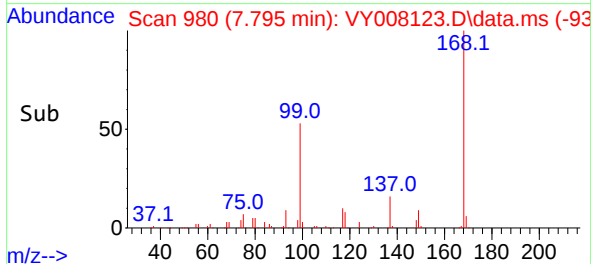
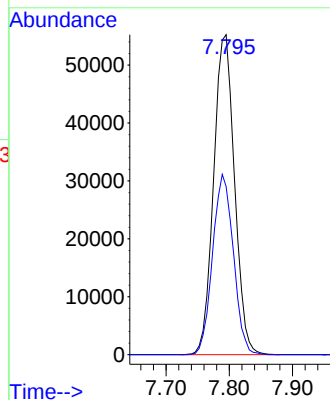
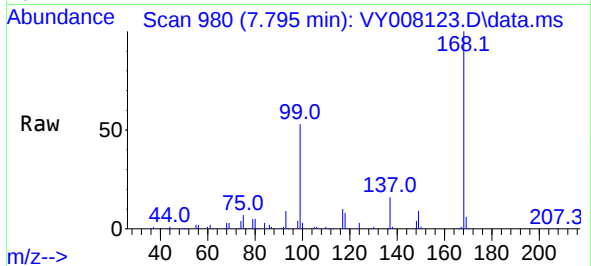




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

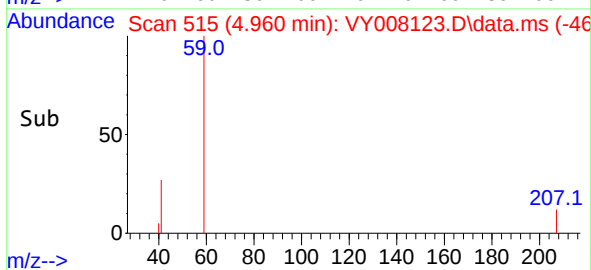
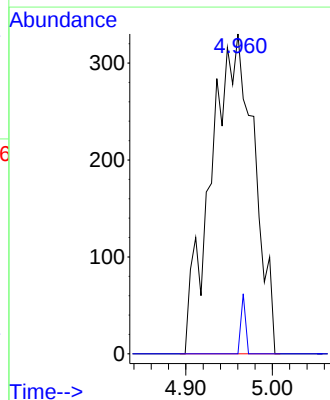
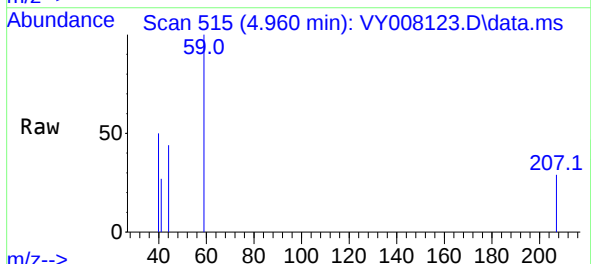
Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-1

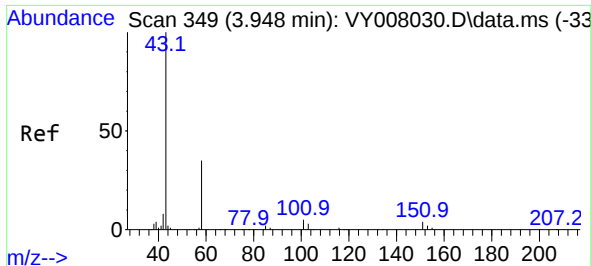
Tgt Ion:168 Resp: 126521
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 8.671 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 59 Resp: 1142
Ion Ratio Lower Upper
59 100
57 2.0 6.4 9.6#

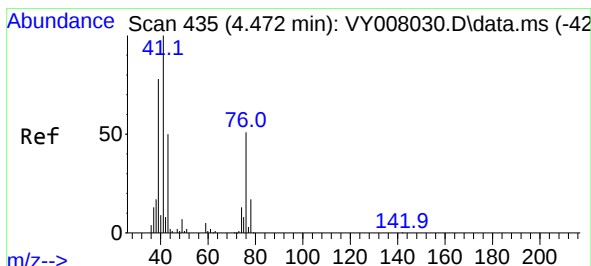
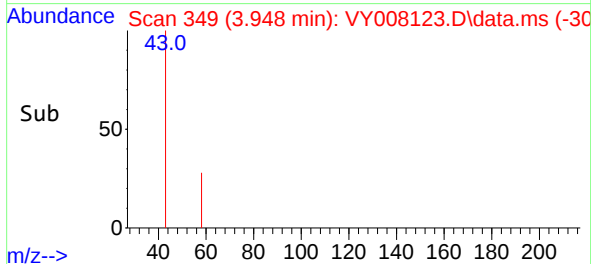
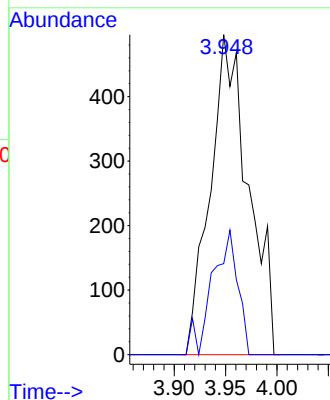
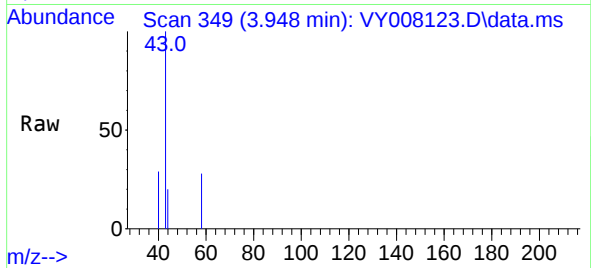




#16
Acetone
Concen: 4.425 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

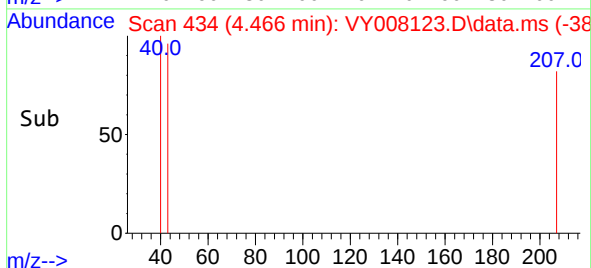
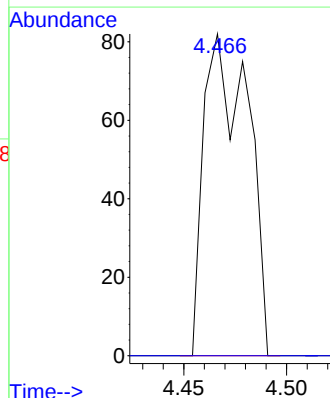
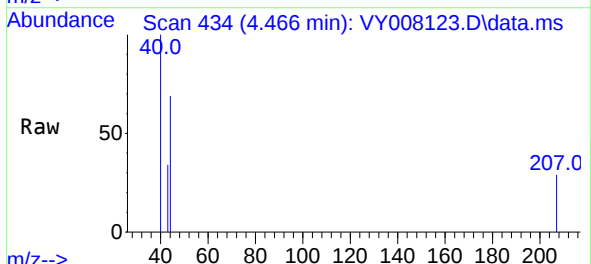
Instrument :
MSVOA_Y
ClientSampleId :
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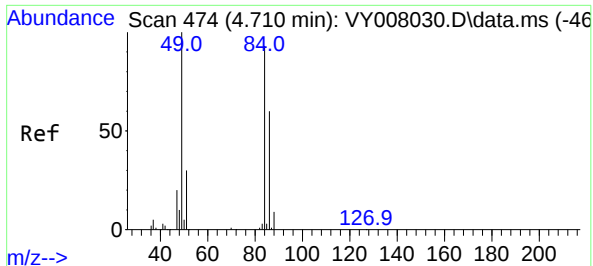
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

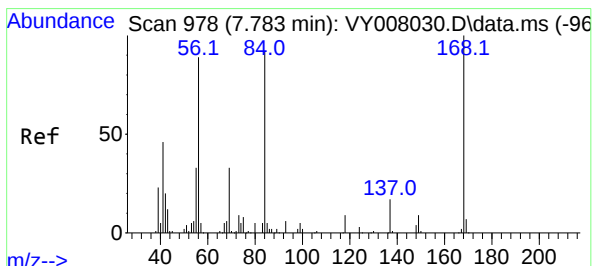
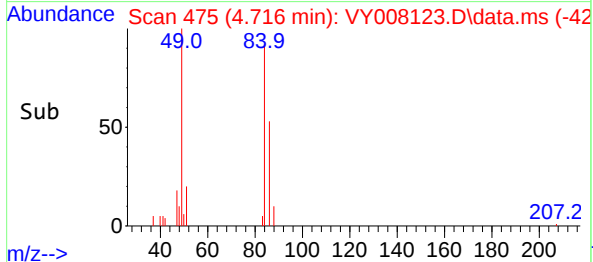
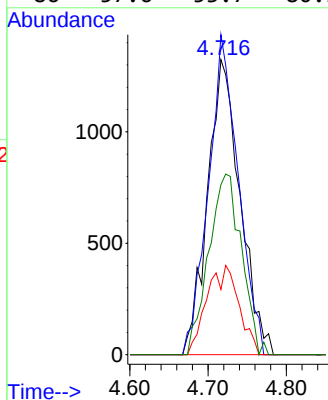
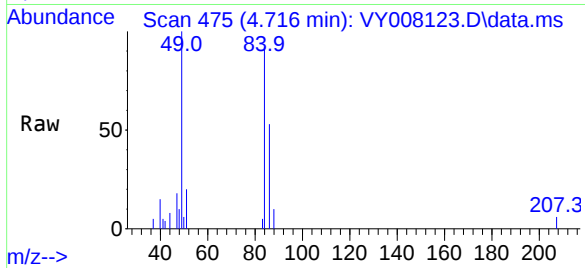




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

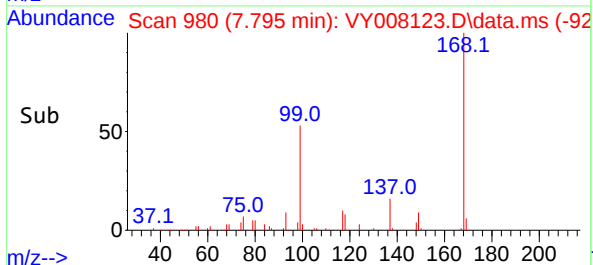
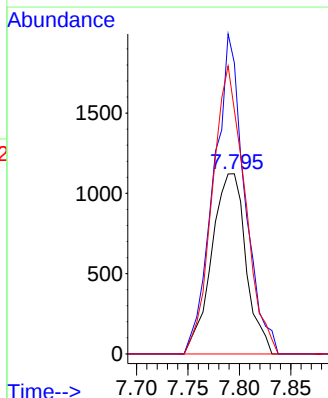
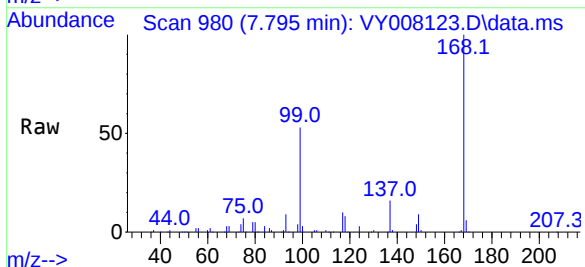
Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-1

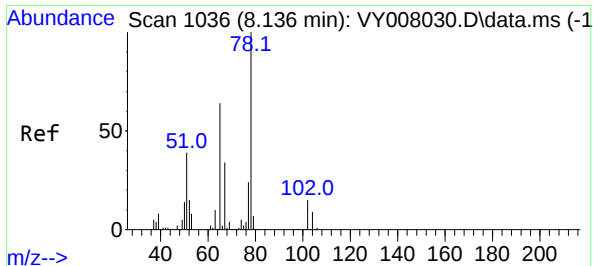
Tgt Ion:	84	Resp:	3816
Ion	Ratio	Lower	Upper
84	100		
49	108.5	114.4	171.6#
51	22.1	35.3	52.9#
86	57.6	53.7	80.5



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion:	56	Resp:	2600
Ion	Ratio	Lower	Upper
56	100		
69	161.6	26.7	40.1#
84	135.3	67.2	100.8#

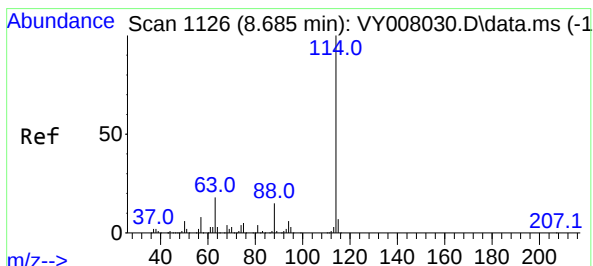
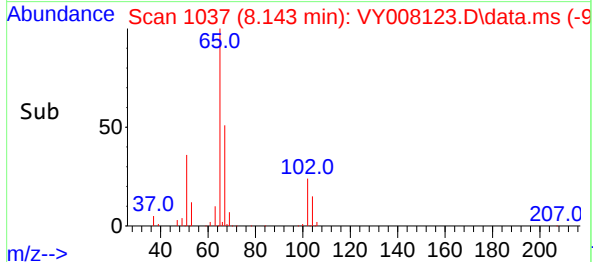
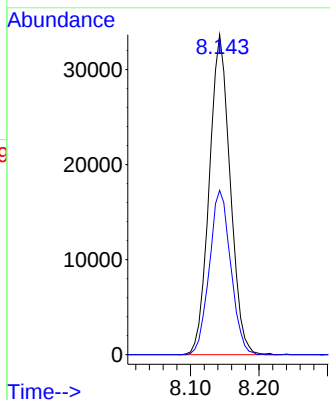
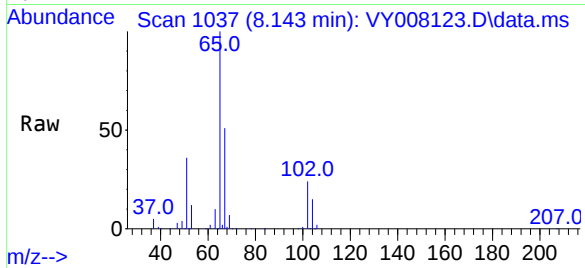




#33
1,2-Dichloroethane-d4
Concen: 56.199 ug/l
RT: 8.143 min Scan# 110
Delta R.T. 0.007 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

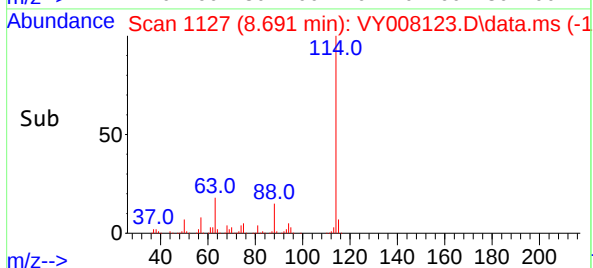
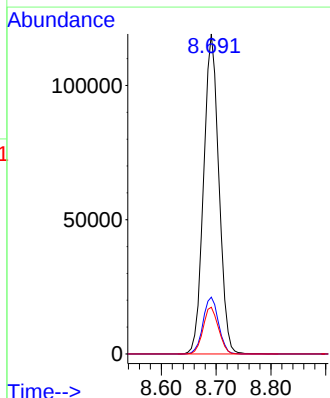
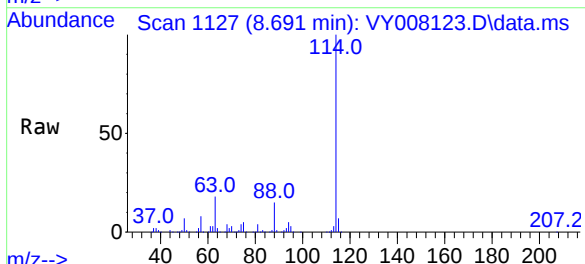
Instrument :
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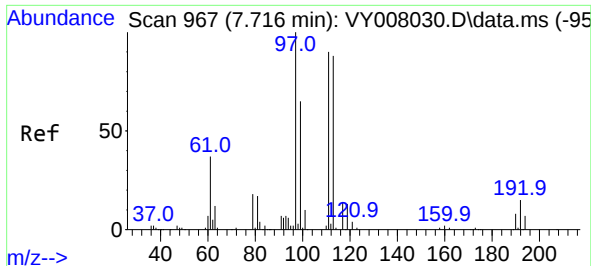
Tgt Ion: 65 Resp: 71338
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 114 Resp: 229320
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 14.6 0.0 31.8

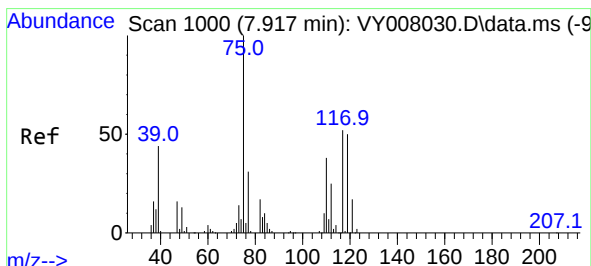
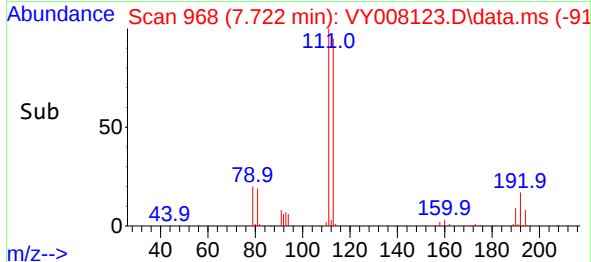
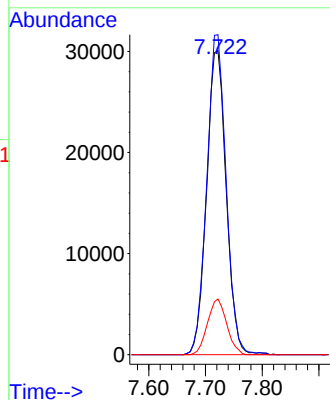
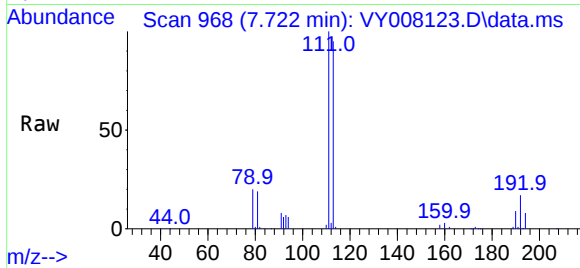




#35
Dibromofluoromethane
Concen: 50.231 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

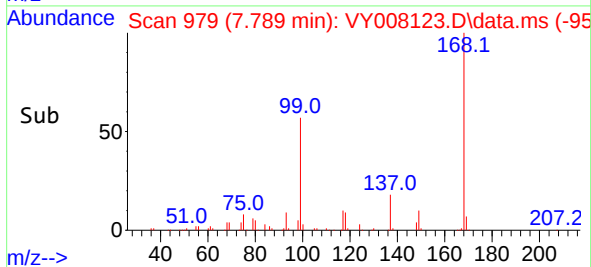
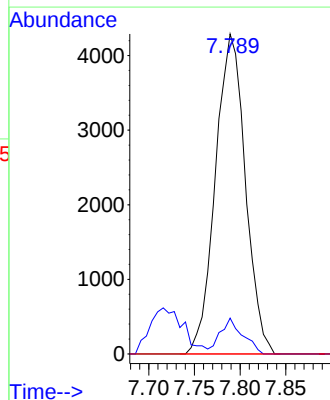
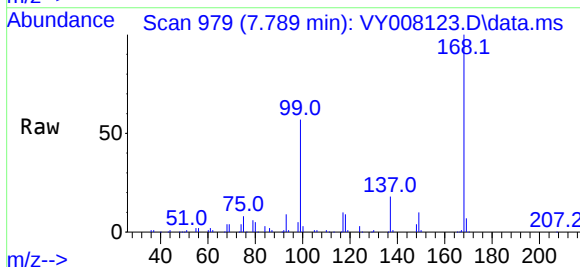
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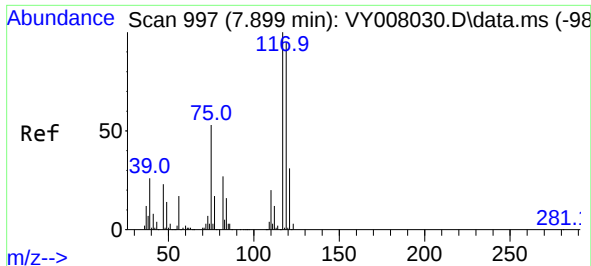
Tgt Ion:113 Resp: 72221
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.330 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 75 Resp: 9780
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

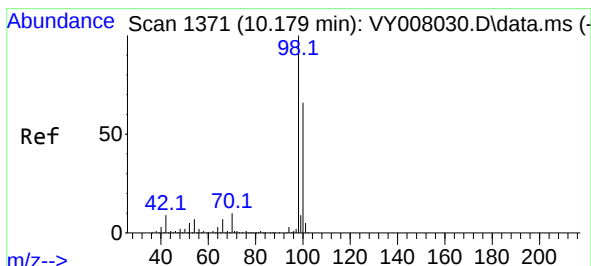
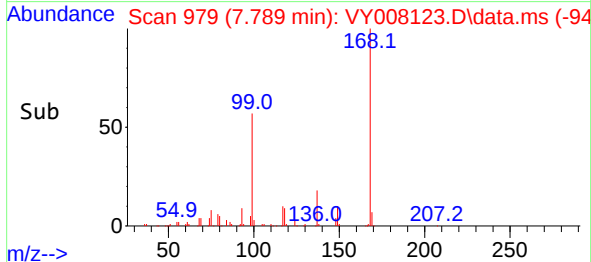
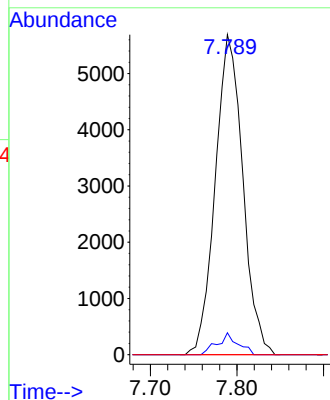
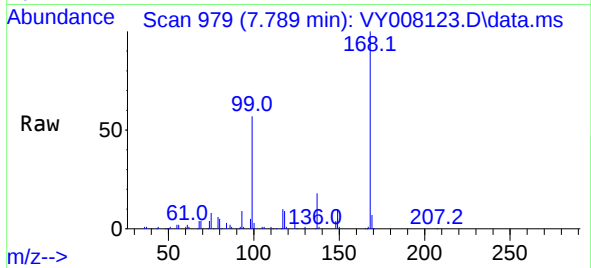




#38
Carbon Tetrachloride
Concen: 5.094 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

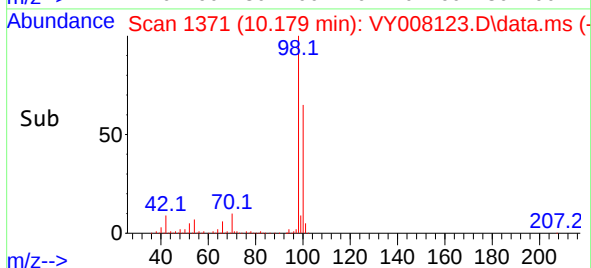
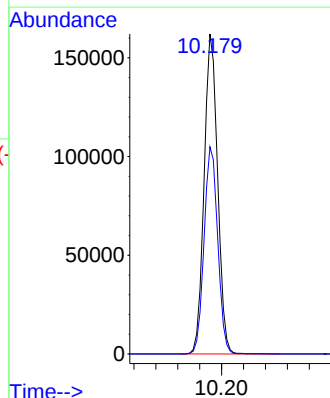
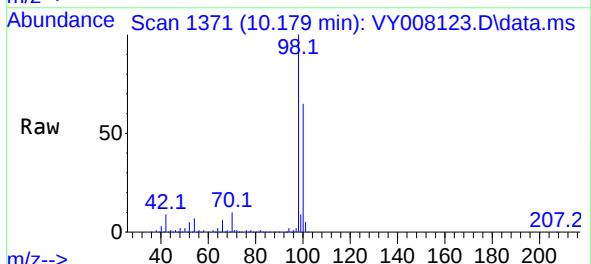
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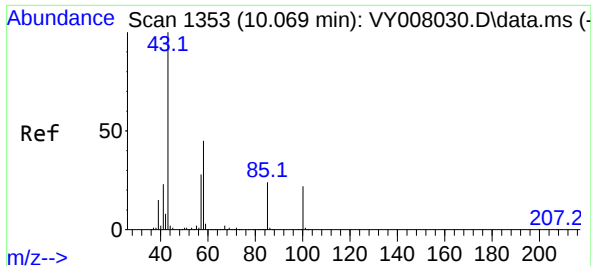
Tgt Ion:117 Resp: 12537
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.014 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 98 Resp: 276332
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

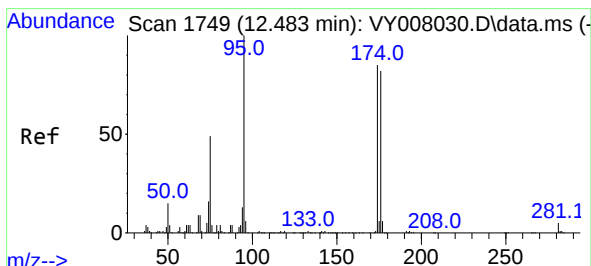
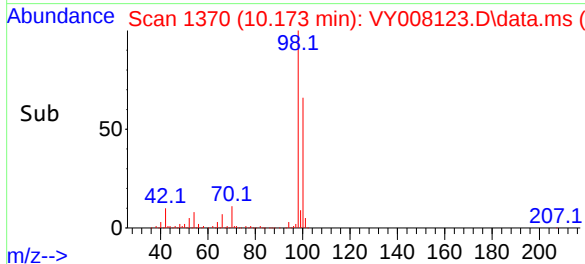
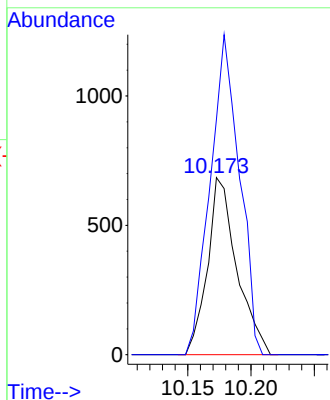
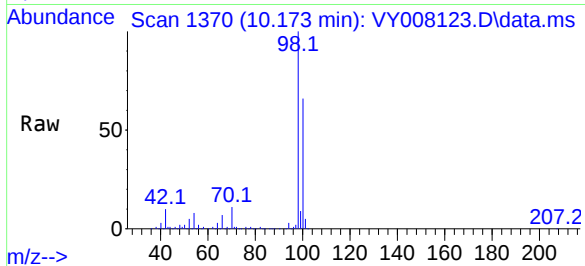




#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.173 min Scan# 1106
Delta R.T. 0.104 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

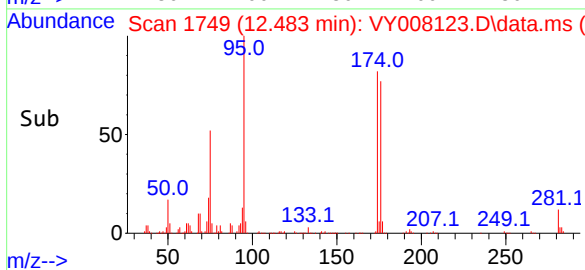
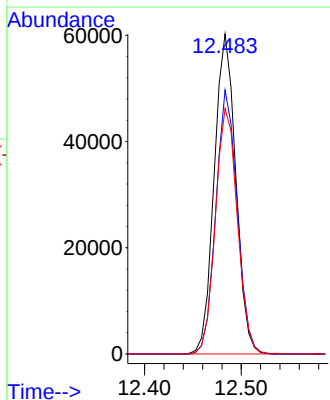
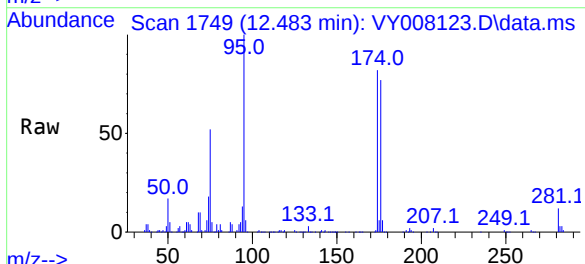
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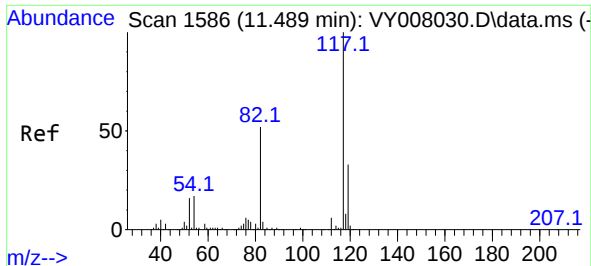
Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
58 180.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 95 Resp: 93113
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 78.1 0.0 175.8

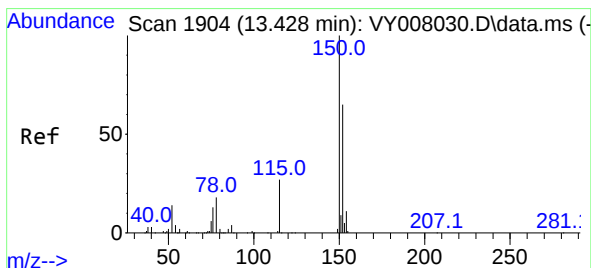
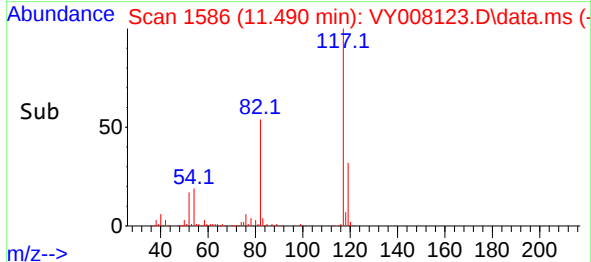
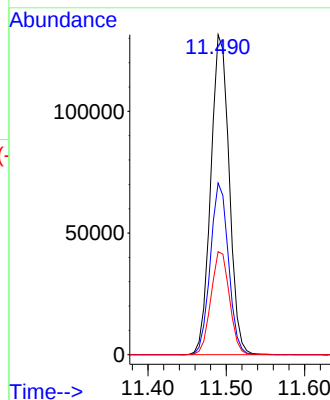
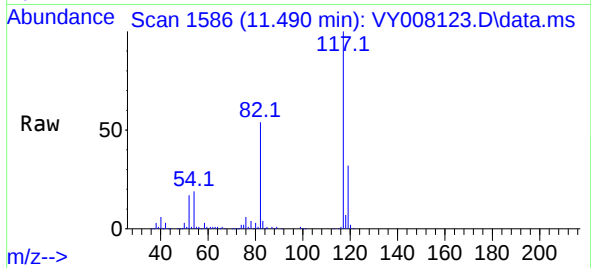




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

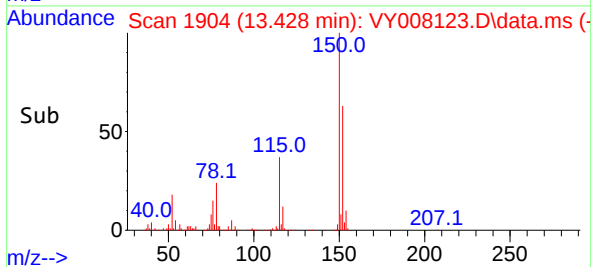
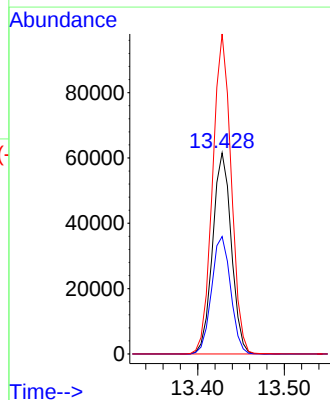
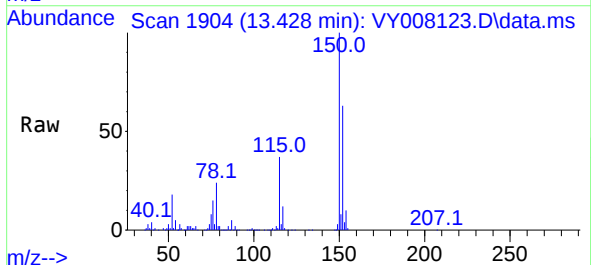
Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-1

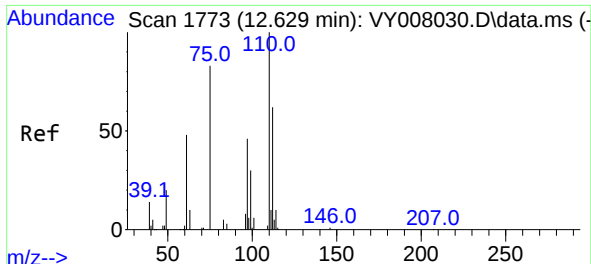
Tgt Ion:	117	Resp:	214591
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion:	152	Resp:	92226
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.2	84.7
150	158.5	0.0	347.6

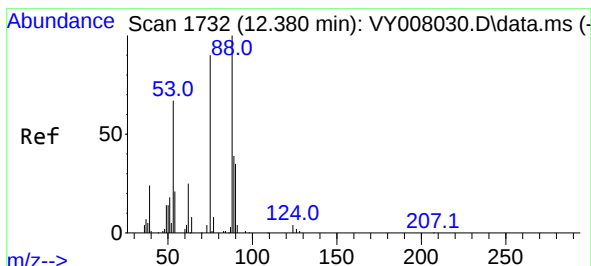
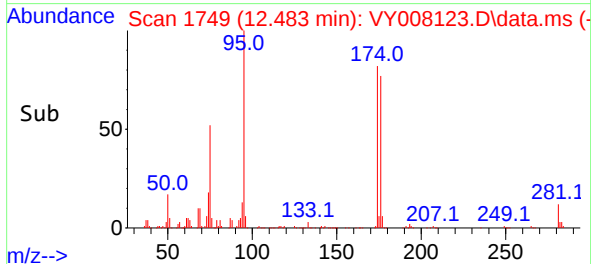
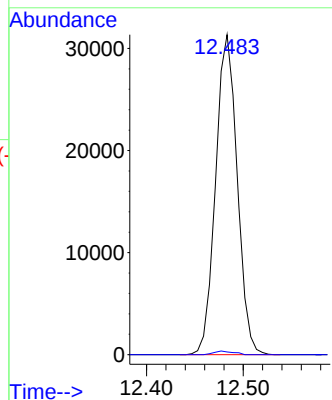
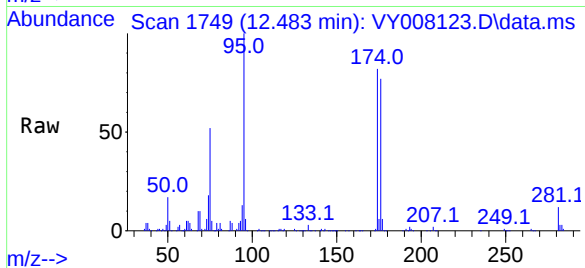




#76
1,2,3-Trichloropropane
Concen: 43.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Instrument : MSVOA_Y
ClientSampleId : TT-156-IDWSO-20220329-1

Tgt Ion: 75 Resp: 48541
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.334 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008123.D
Acq: 30 Mar 2022 20:23

Tgt Ion: 75 Resp: 48541
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

