

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008124.D
 Acq On : 30 Mar 2022 20:46
 Operator : SY/MD
 Sample : N2176-03
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-156-IDWSO-20220329-3

Quant Time: Mar 31 05:03:50 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)

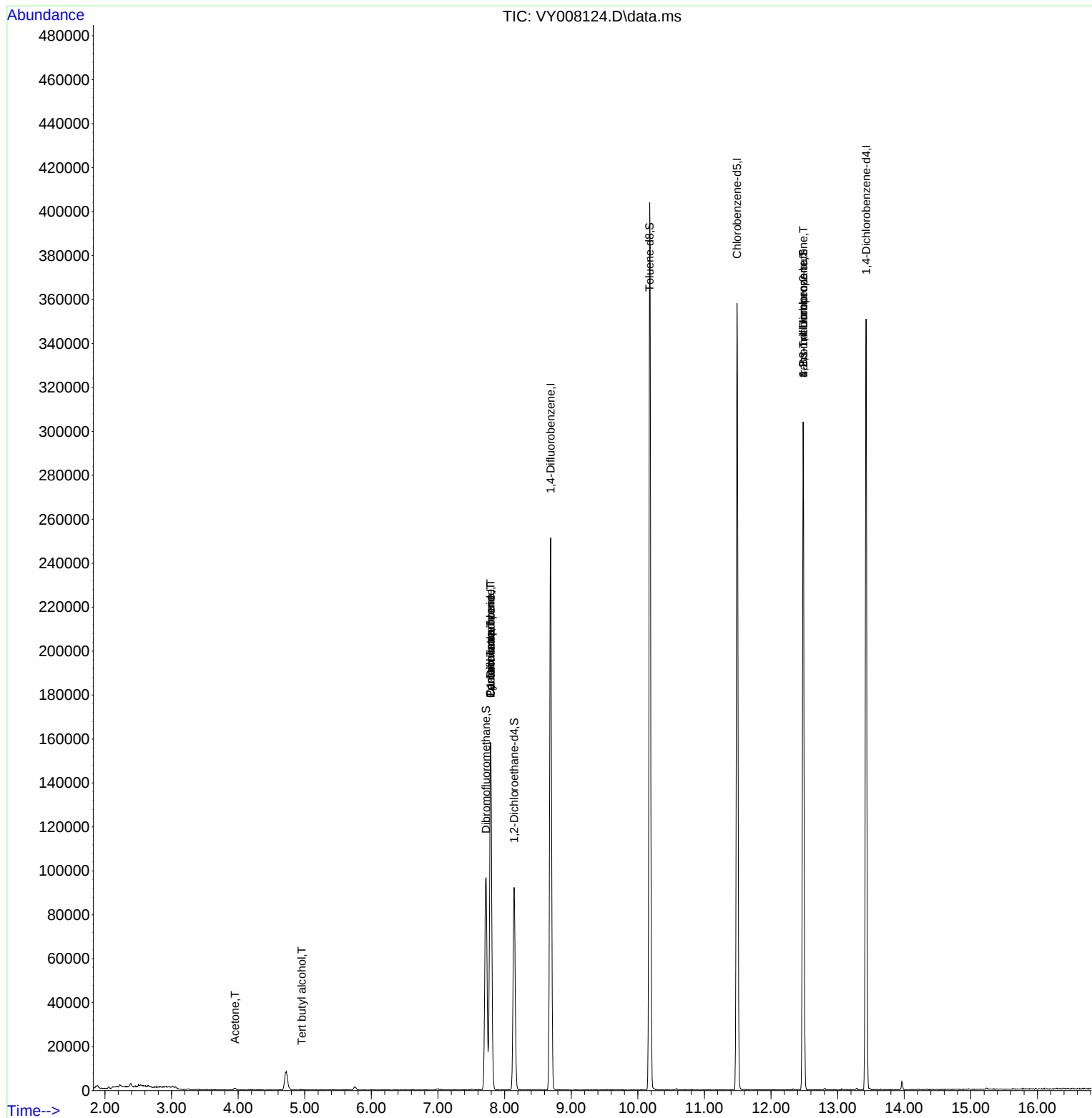
Internal Standards						
1) Pentafluorobenzene	7.789	168	124968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71592	57.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.200%
35) Dibromofluoromethane	7.722	113	71729	51.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.179	98	273163	51.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.483	95	89825	48.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	531	4.082	ug/l #	77
16) Acetone	3.954	43	1330	4.641	ug/l #	73
18) Methyl Acetate	4.479	43	144	Below Cal	#	56
31) Cyclohexane	7.789	56	2479	1.058	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9523	4.325	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12680	5.285	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46802	43.326	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46802	96.667	ug/l #	7

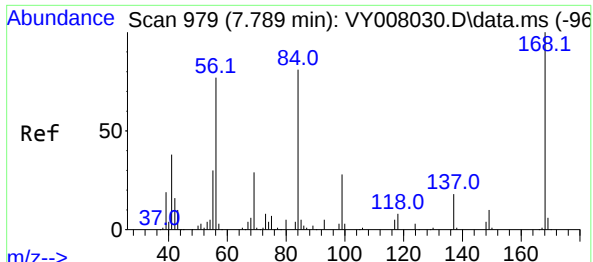
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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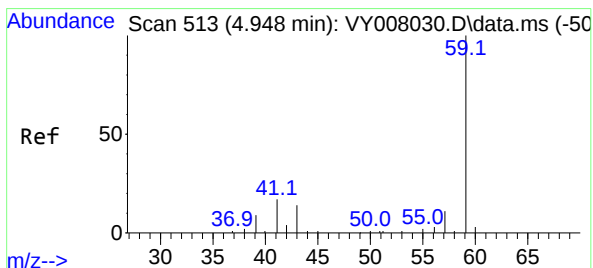
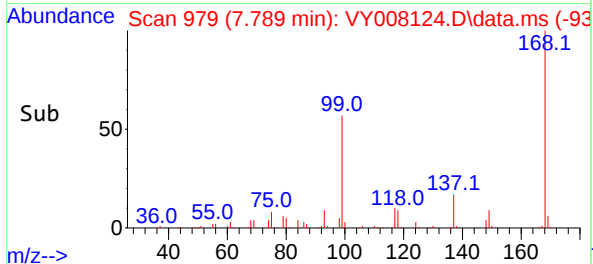
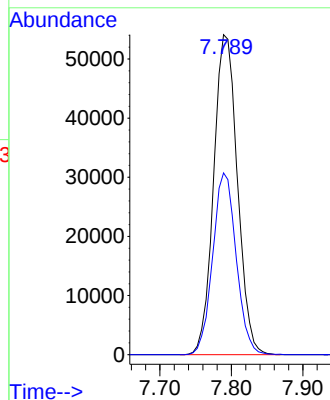
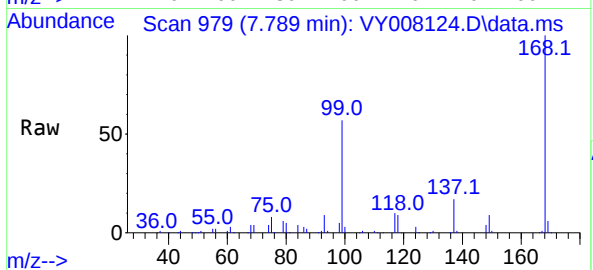




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

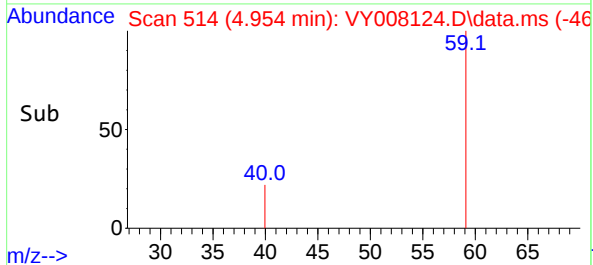
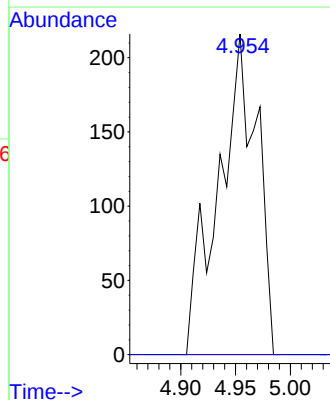
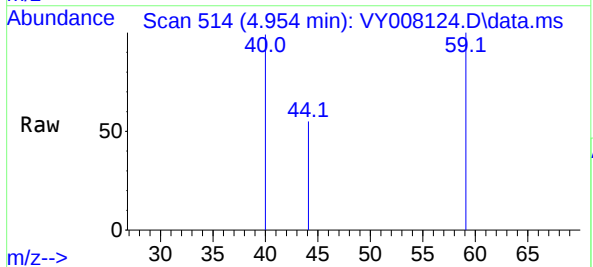
Instrument :
MSVOA_Y
ClientSampleId :
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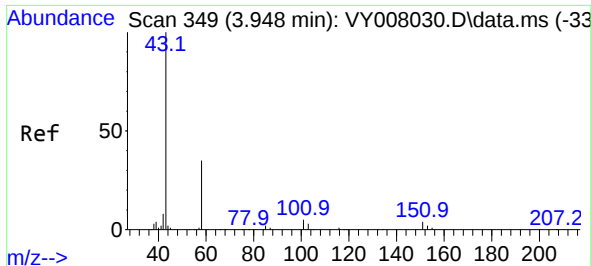
Tgt Ion:168 Resp: 124968
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.082 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

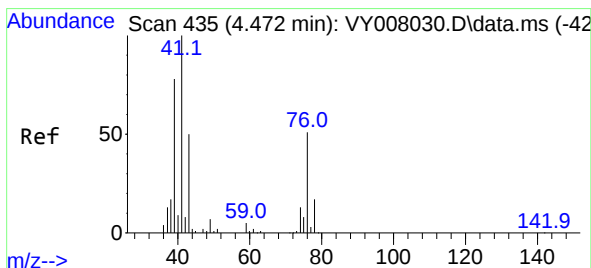
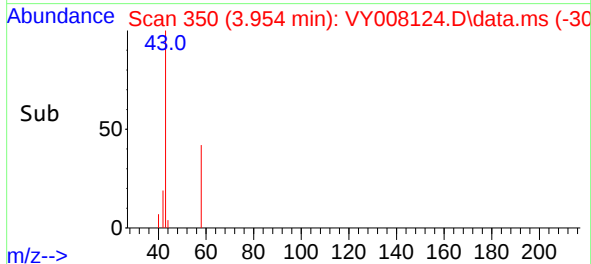
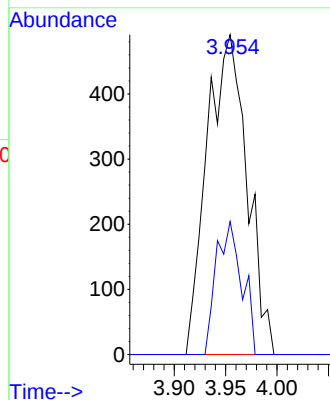
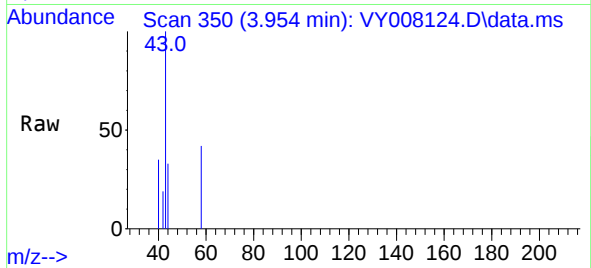




#16
Acetone
Concen: 4.641 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

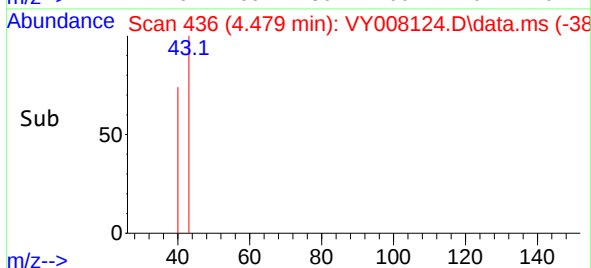
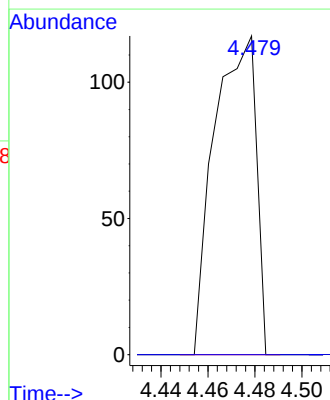
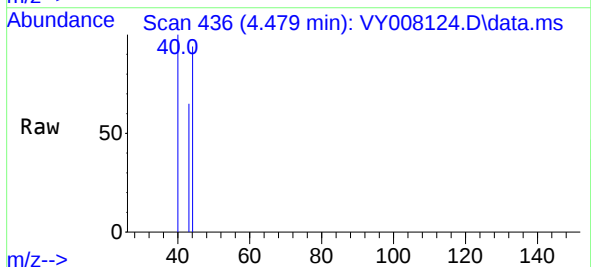
Instrument :
MSVOA_Y
ClientSampleId :
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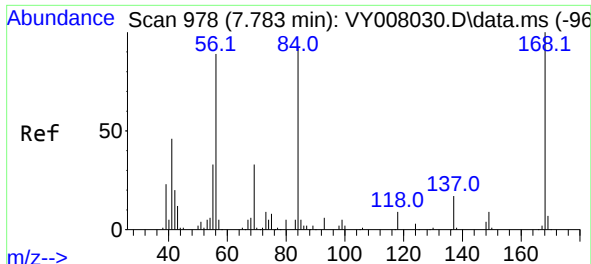
Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 41.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

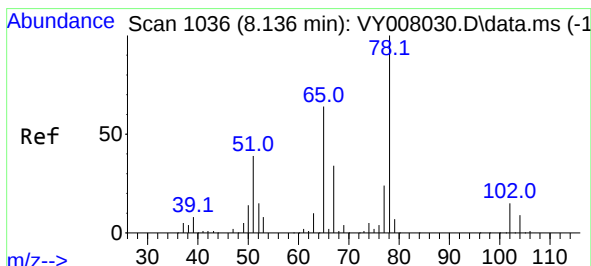
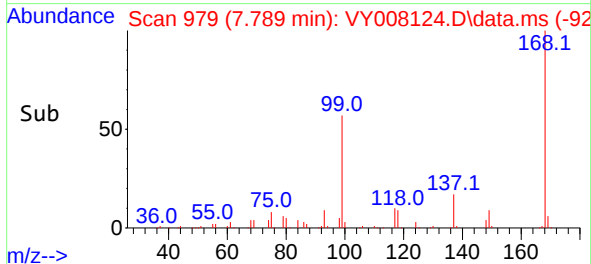
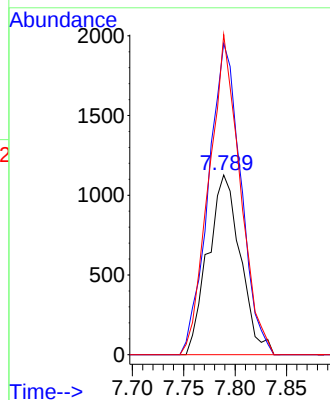
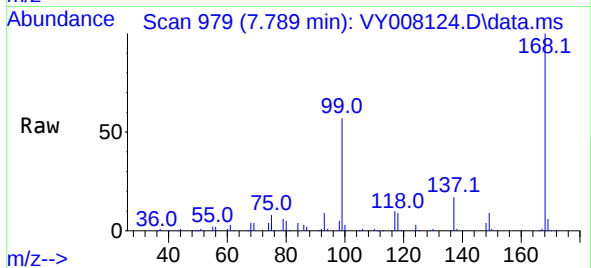




#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

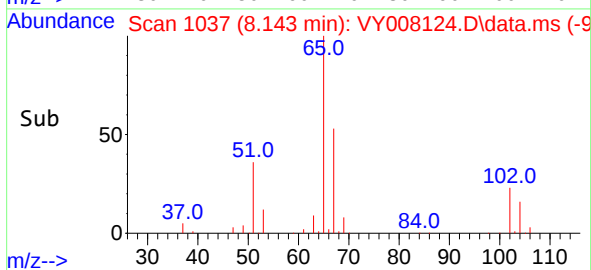
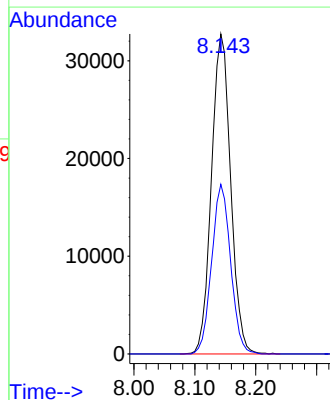
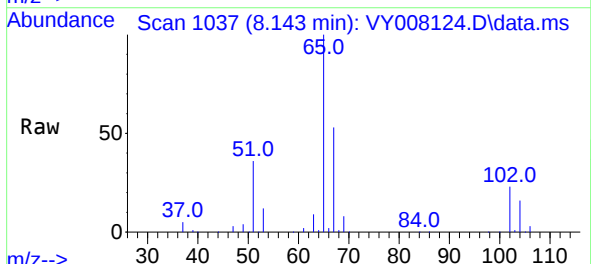
Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-3

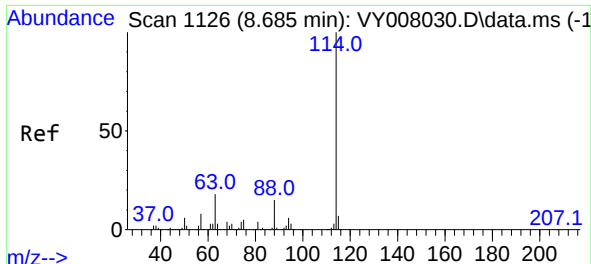
Tgt Ion: 56 Resp: 2479
Ion Ratio Lower Upper
56 100
69 173.3 26.7 40.1#
84 178.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.100 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion: 65 Resp: 71592
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# 1126

Delta R.T. 0.006 min

Lab File: VY008124.D

Acq: 30 Mar 2022 20:46

Instrument :

MSVOA_Y

ClientSampleId :

TT-156-IDWSO-20220329-3

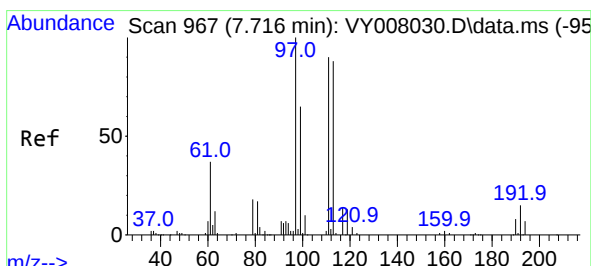
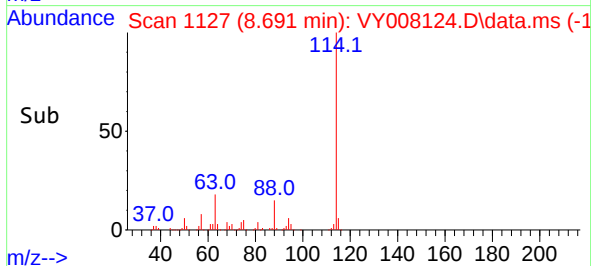
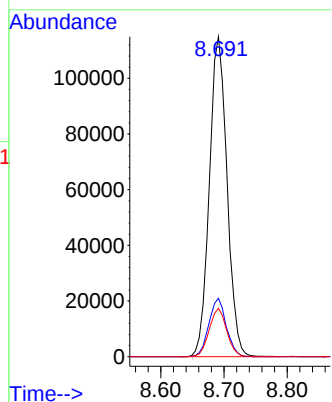
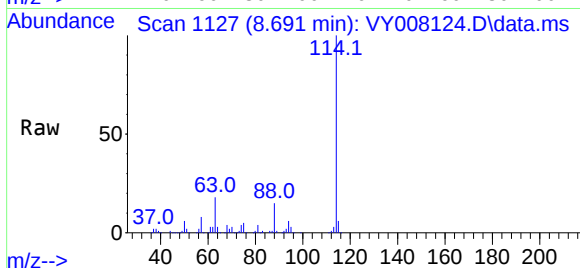
Tgt Ion:114 Resp: 223564

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.173 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008124.D

Acq: 30 Mar 2022 20:46

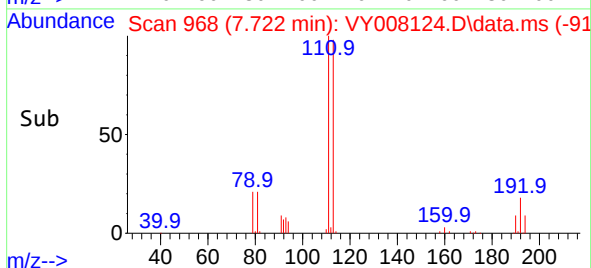
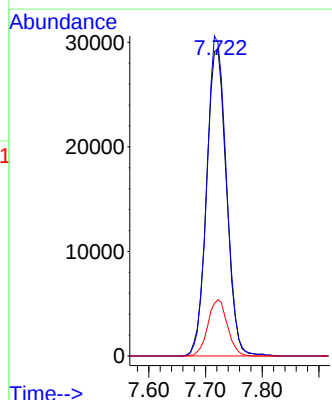
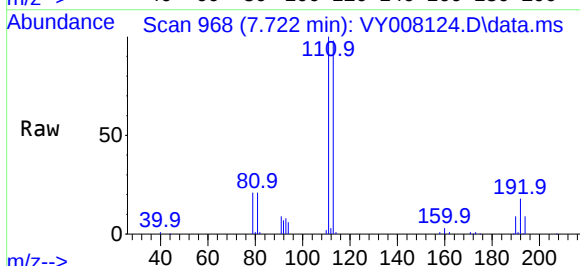
Tgt Ion:113 Resp: 71729

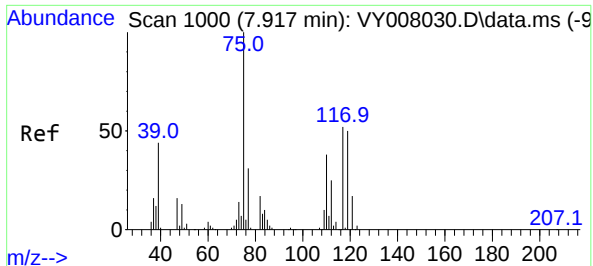
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.9 17.6 26.4

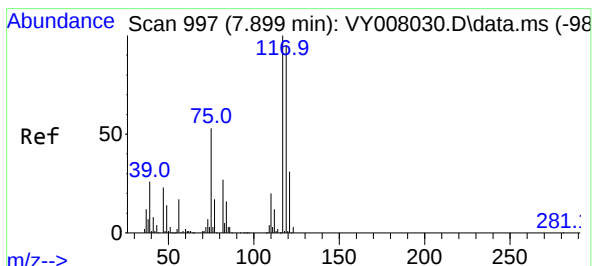
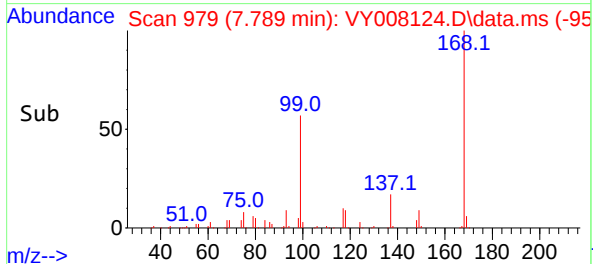
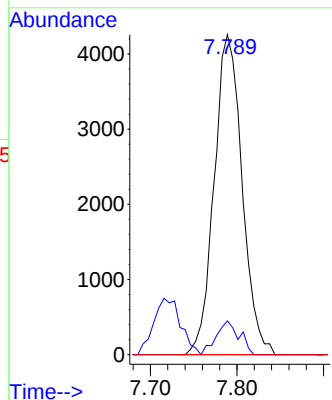
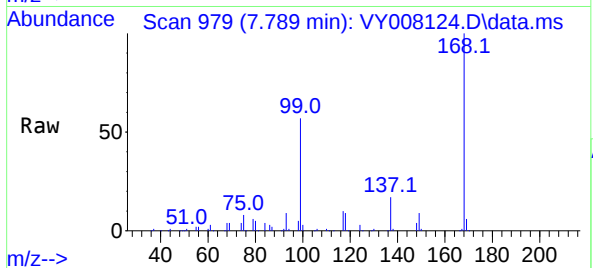




#36
1,1-Dichloropropene
Concen: 4.325 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

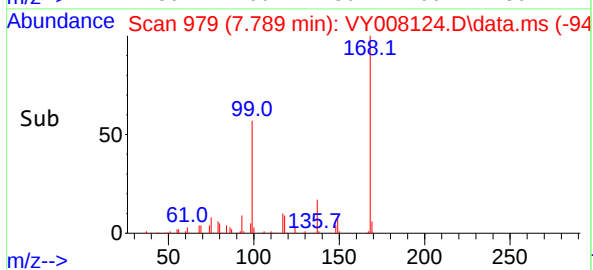
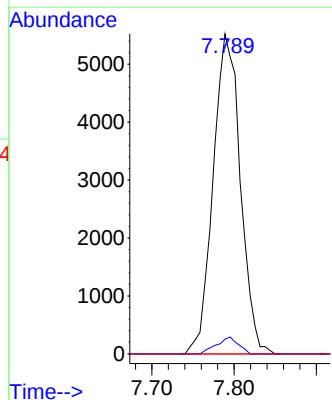
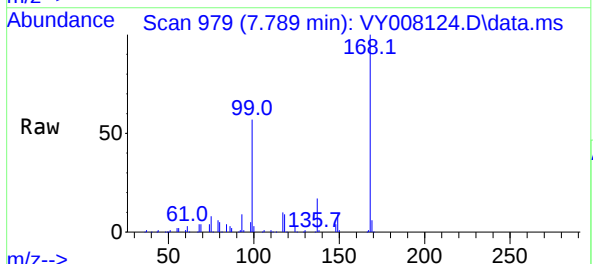
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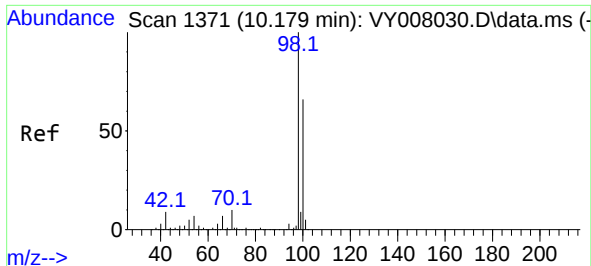
Tgt Ion: 75 Resp: 9523
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.285 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion: 117 Resp: 12680
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#

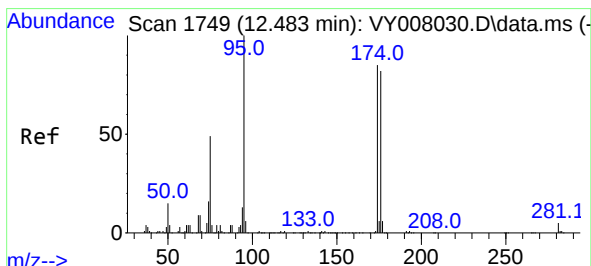
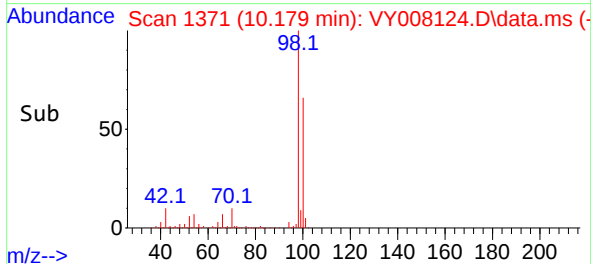
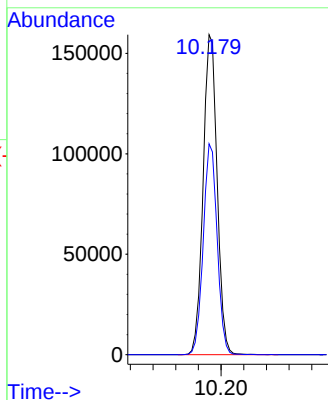
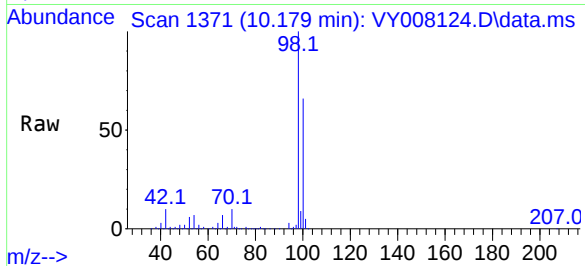




#50
Toluene-d8
Concen: 51.727 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

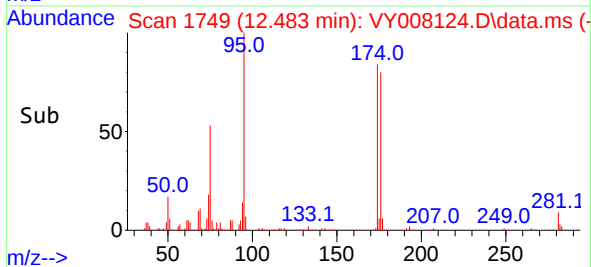
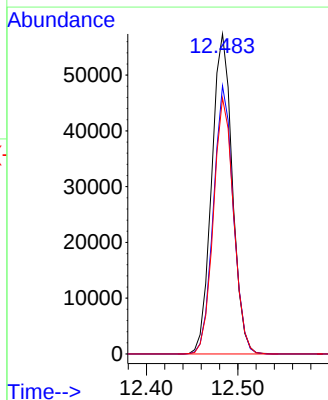
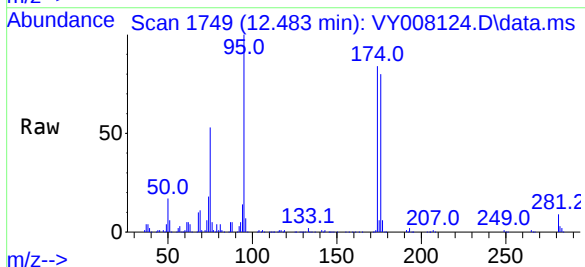
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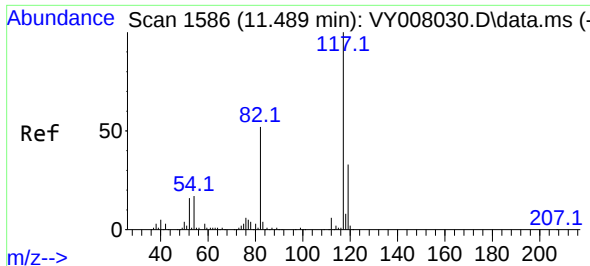
Tgt Ion: 98 Resp: 273163
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion: 95 Resp: 89825
Ion Ratio Lower Upper
95 100
174 80.8 0.0 177.0
176 78.1 0.0 175.8

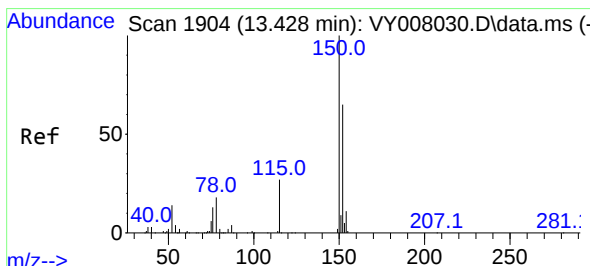
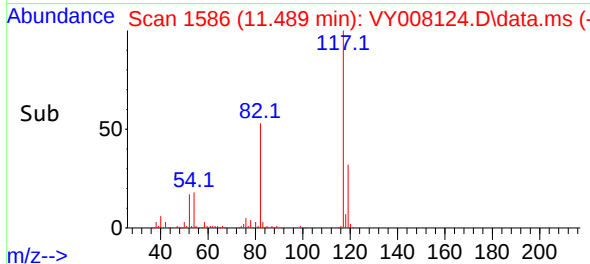
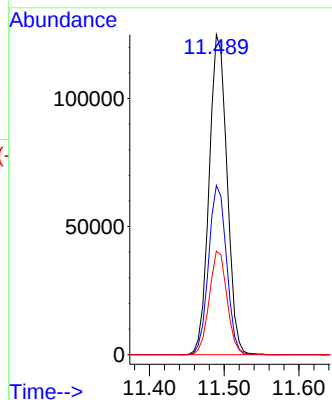
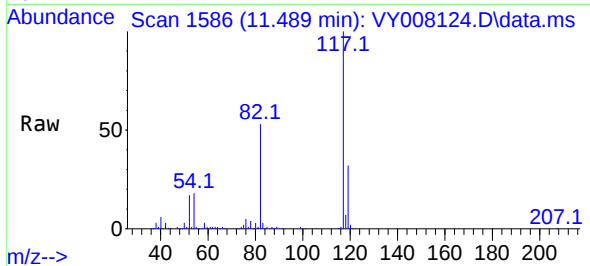




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

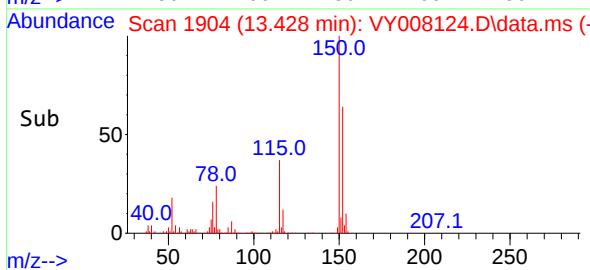
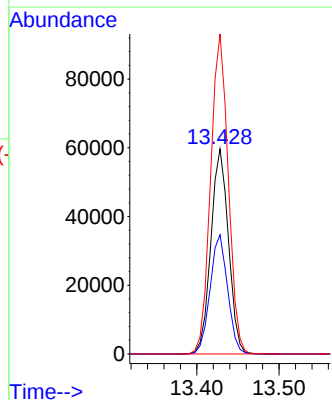
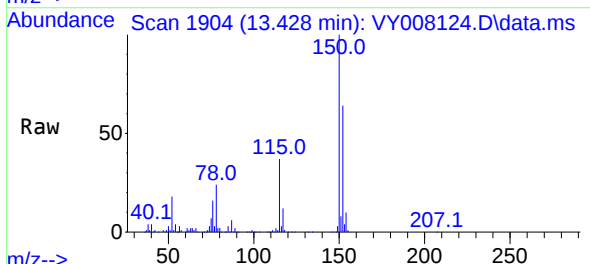
Instrument :
MSVOA_Y
ClientSampleId :
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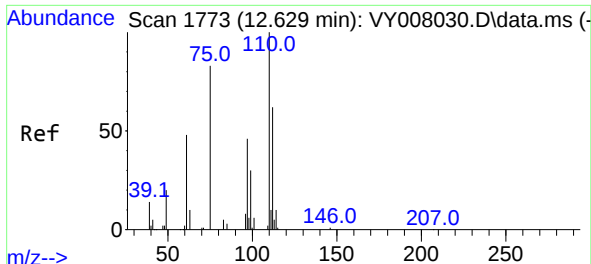
Tgt Ion:	117	Resp:	207541
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion:	152	Resp:	88616
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	156.5	0.0	347.6

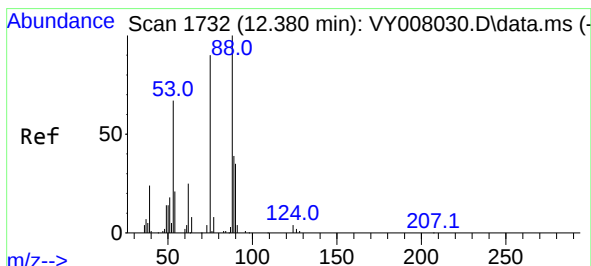
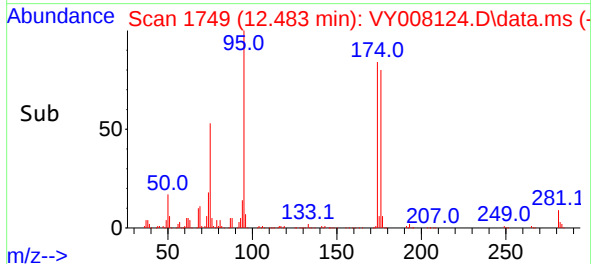
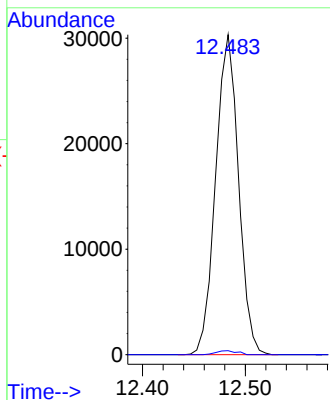
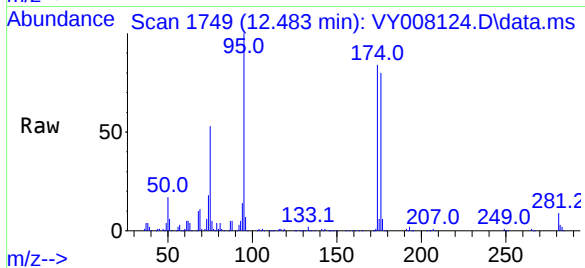




#76
1,2,3-Trichloropropane
Concen: 43.326 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Instrument :
MSVOA_Y
ClientSampleId :
TT-156-IDWSO-20220329-3

Tgt Ion: 75 Resp: 46802
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.667 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008124.D
Acq: 30 Mar 2022 20:46

Tgt Ion: 75 Resp: 46802
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

