

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007456.D
 Acq On : 09 Feb 2022 16:33
 Operator : SY/MD
 Sample : N1455-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 10 05:37:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

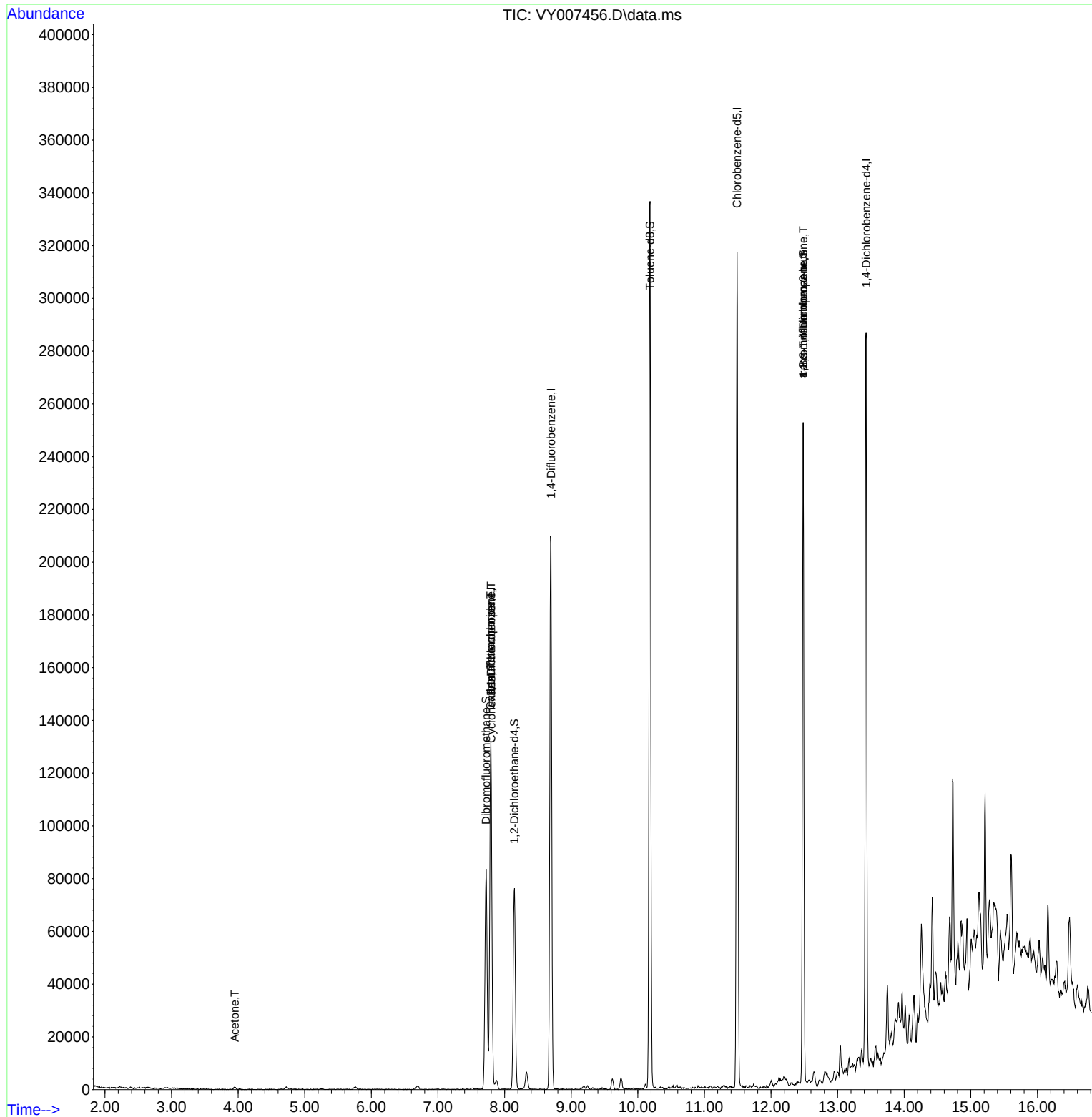
Internal Standards						
1) Pentafluorobenzene	7.795	168	97560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	62220	55.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.900%
35) Dibromofluoromethane	7.722	113	58659	50.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.185	98	221677	51.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.483	95	75426	51.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	244	Below Cal	#	44
16) Acetone	3.948	43	1505	4.129	ug/l #	58
20) Methylene Chloride	4.728	84	413	Below Cal	#	56
31) Cyclohexane	7.801	56	2247	1.026	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	8350	4.090	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10667	4.973	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	40995	49.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40995	99.280	ug/l #	7

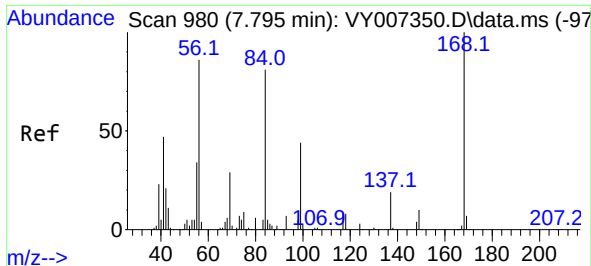
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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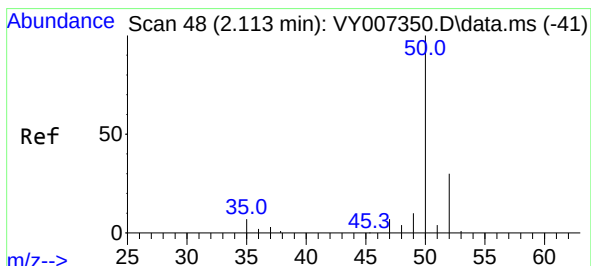
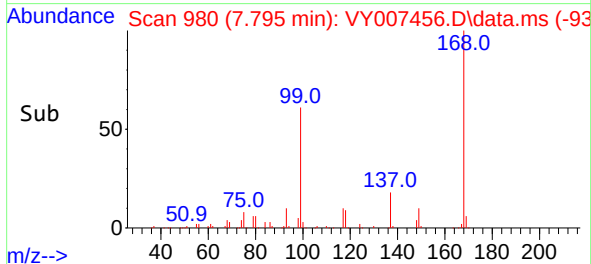
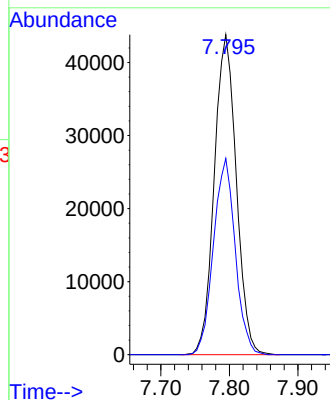
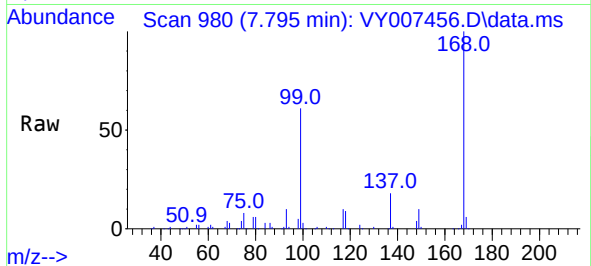




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

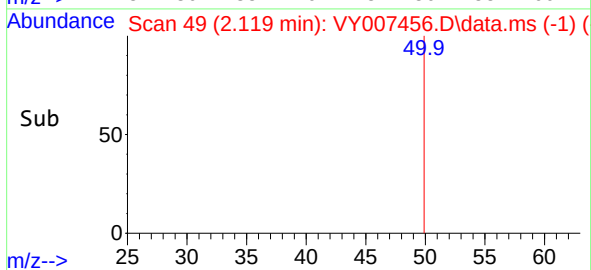
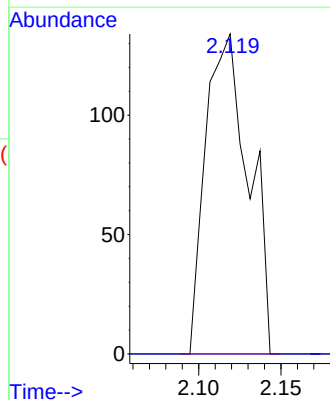
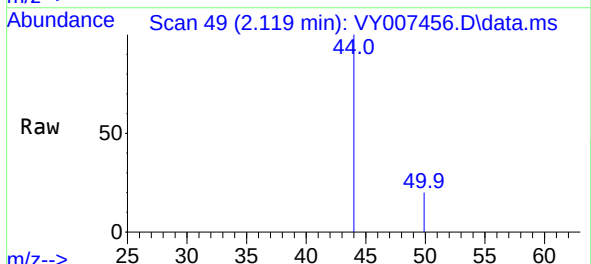
Instrument :
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TP-4

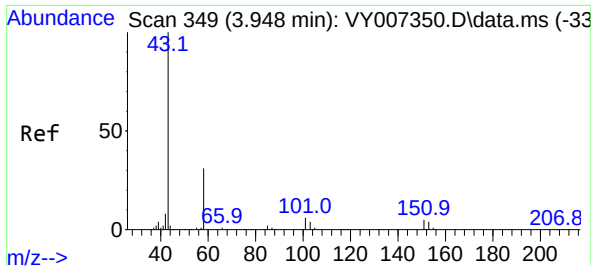
Tgt Ion:168 Resp: 97560
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion: 50 Resp: 244
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

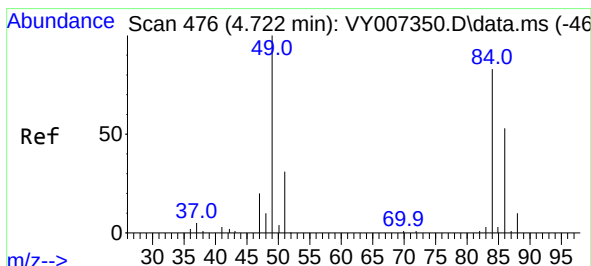
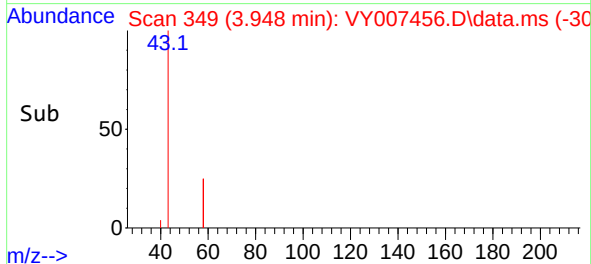
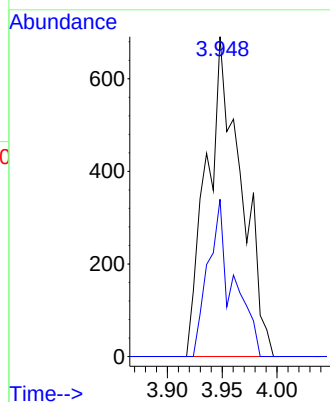
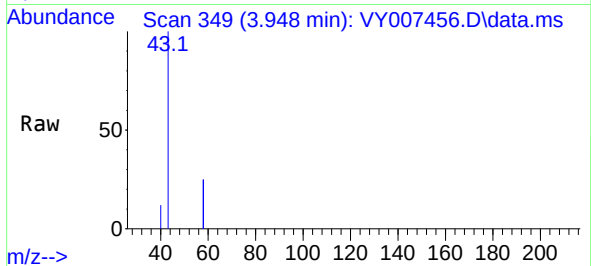




#16
Acetone
Concen: 4.129 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

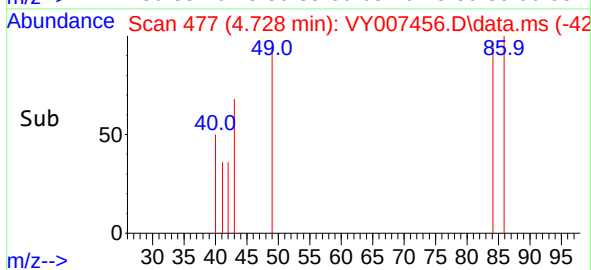
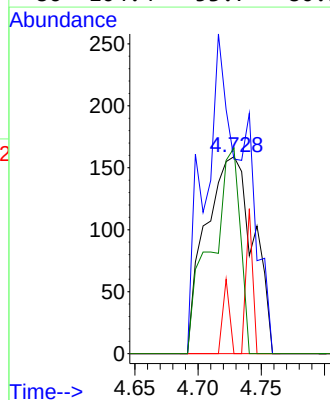
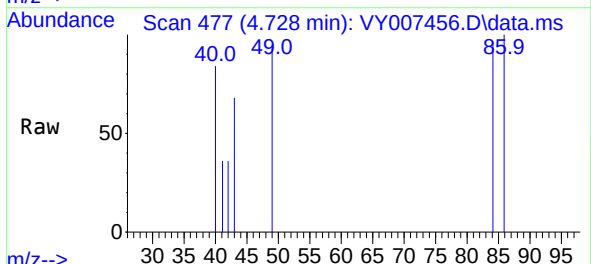
Instrument :
MSVOA_Y
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TP-4

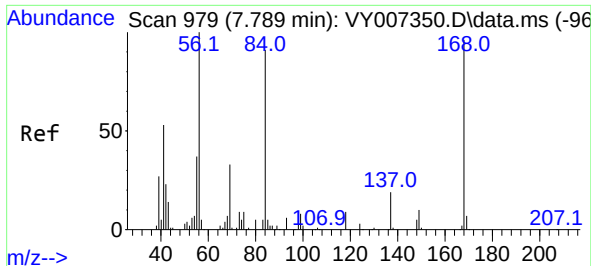
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 49.2 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion: 84 Resp: 413
Ion Ratio Lower Upper
84 100
49 98.7 114.4 171.6#
51 0.0 35.3 52.9#
86 104.4 53.7 80.5#

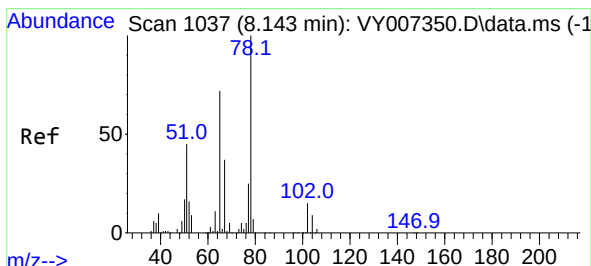
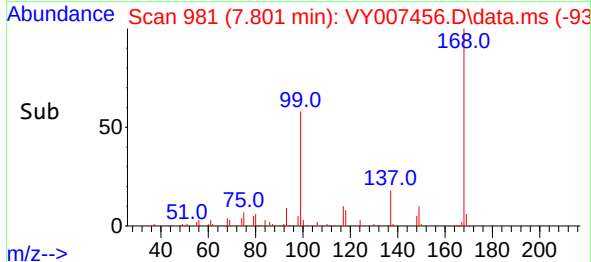
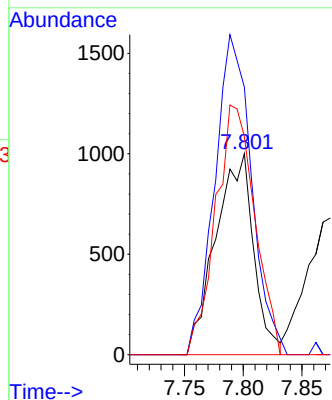
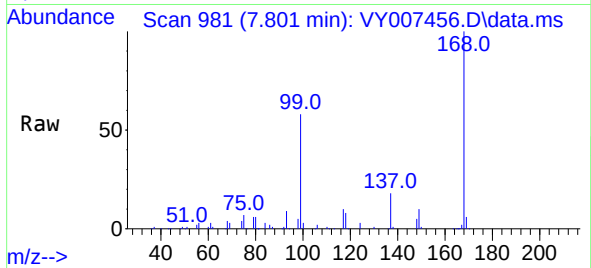




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

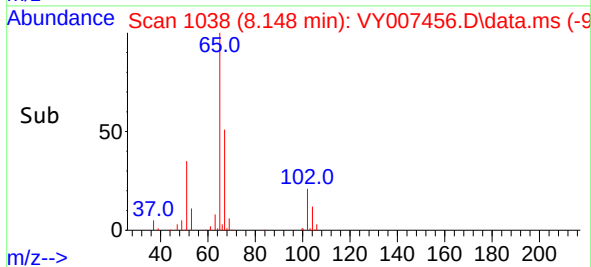
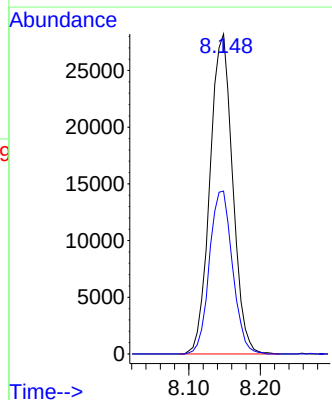
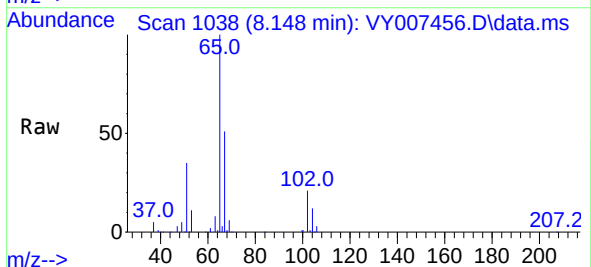
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

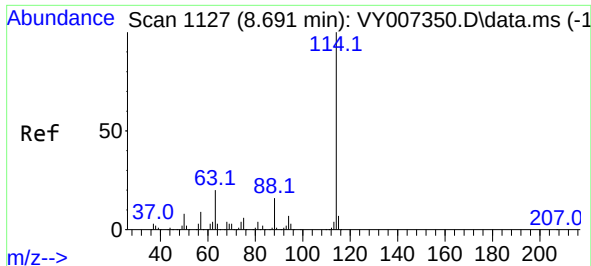
Tgt Ion: 56 Resp: 2247
Ion Ratio Lower Upper
56 100
69 133.1 26.7 40.1#
84 108.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.446 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion: 65 Resp: 62220
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007456.D

Acq: 09 Feb 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

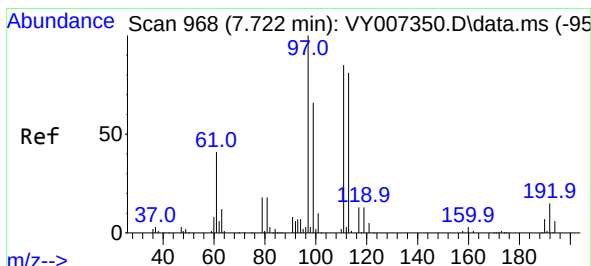
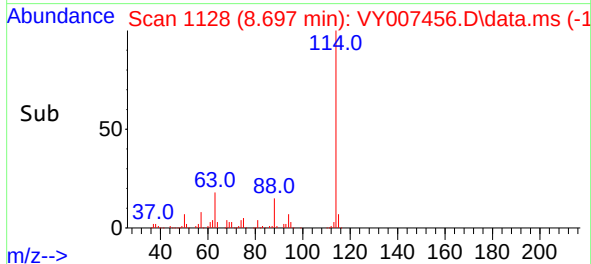
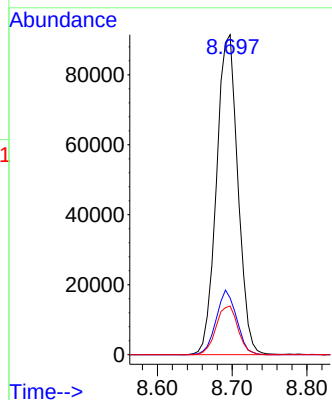
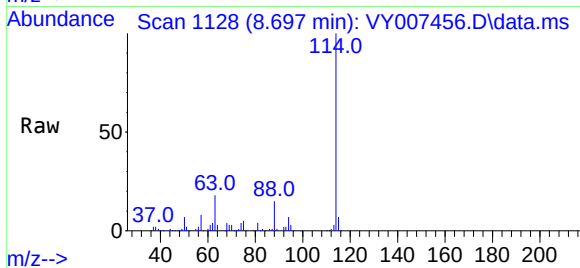
Tgt Ion:114 Resp: 181869

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.228 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007456.D

Acq: 09 Feb 2022 16:33

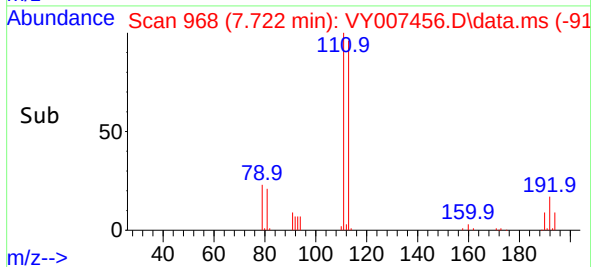
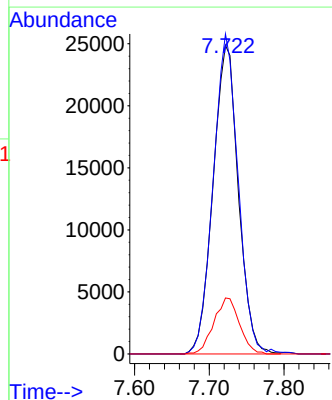
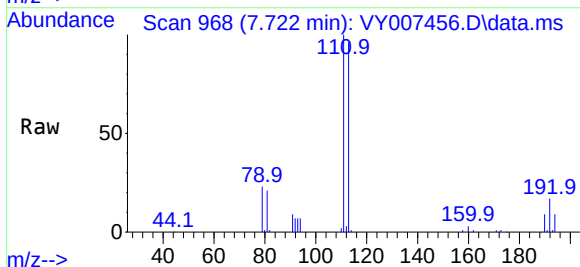
Tgt Ion:113 Resp: 58659

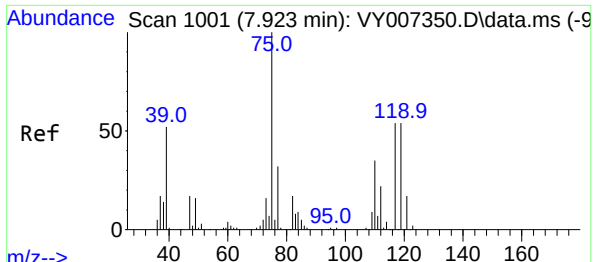
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.3 17.6 26.4

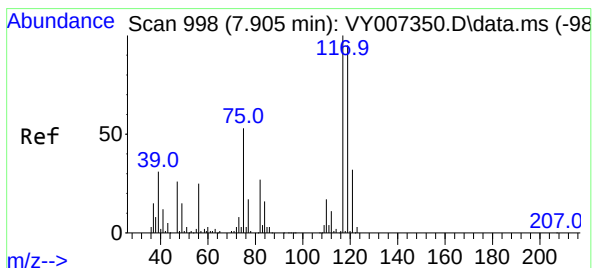
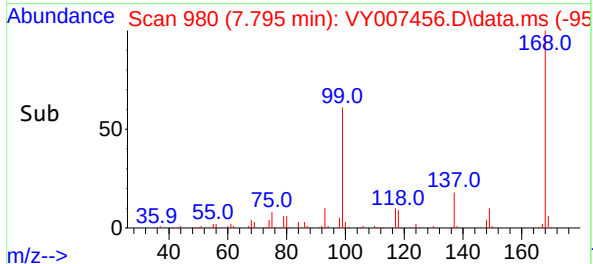
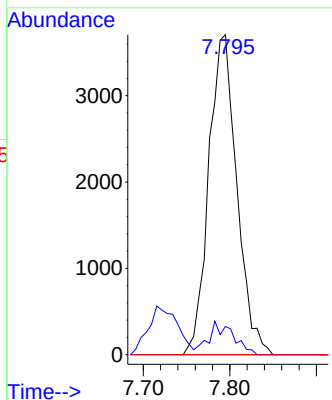
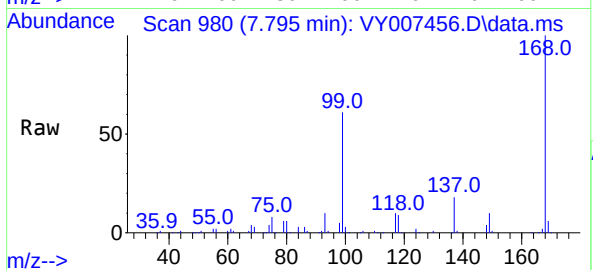




#36
1,1-Dichloropropene
Concen: 4.090 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

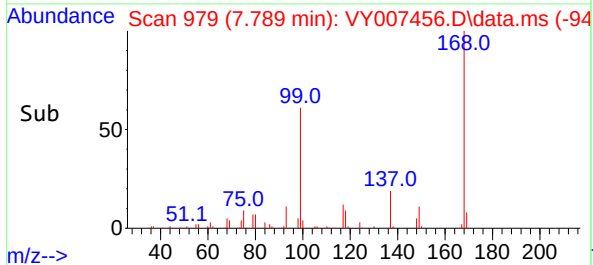
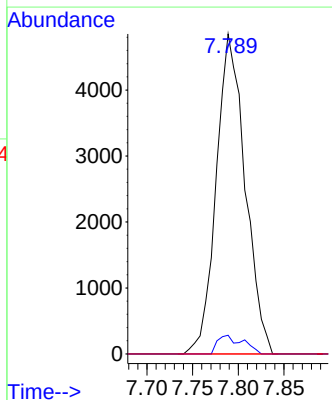
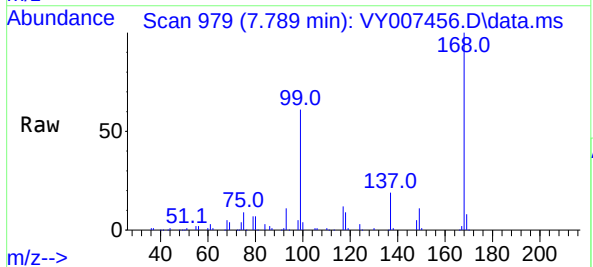
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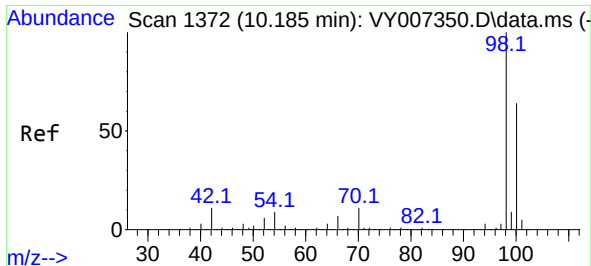
Tgt Ion: 75 Resp: 8350
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.973 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion: 117 Resp: 10667
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

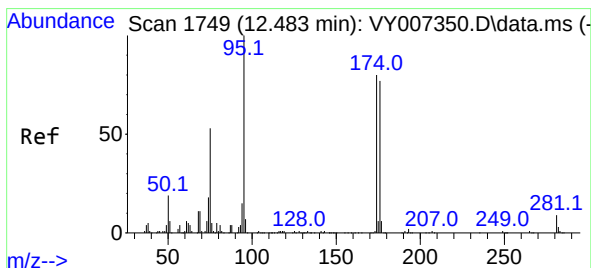
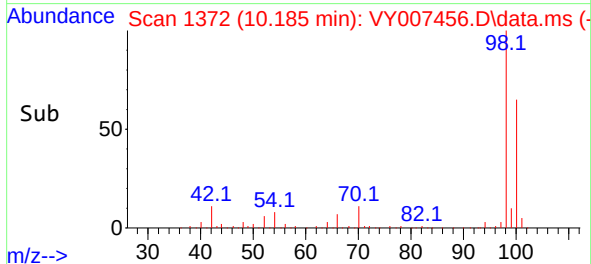
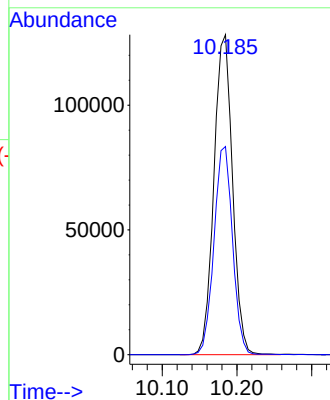
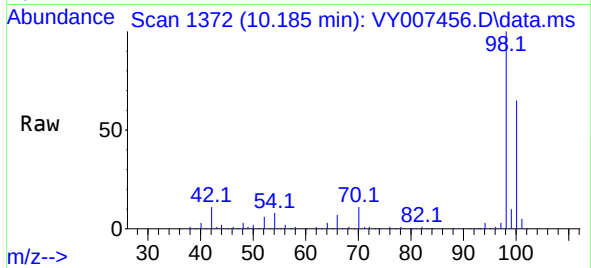




#50
Toluene-d8
Concen: 51.378 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

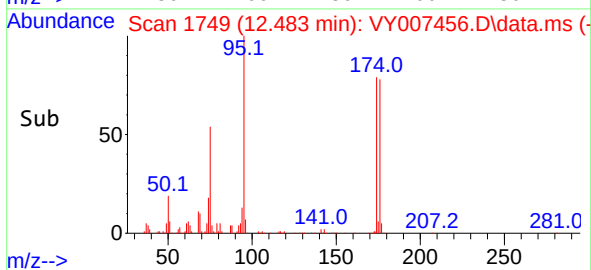
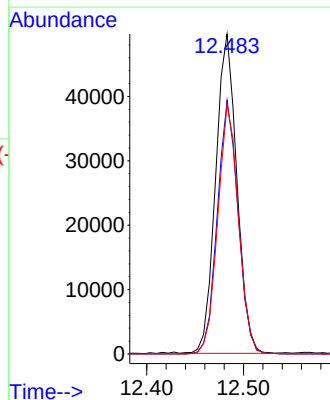
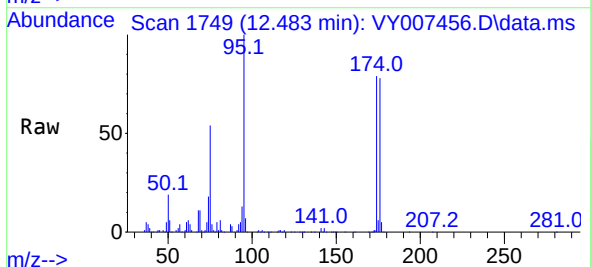
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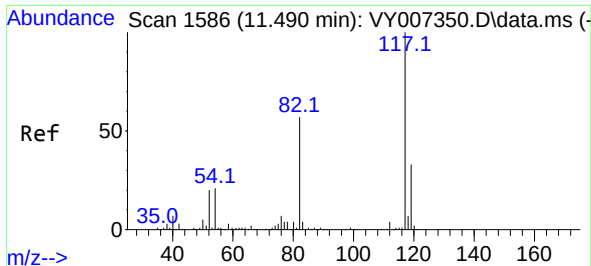
Tgt Ion: 98 Resp: 221677
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion: 95 Resp: 75426
Ion Ratio Lower Upper
95 100
174 77.9 0.0 177.0
176 76.1 0.0 175.8

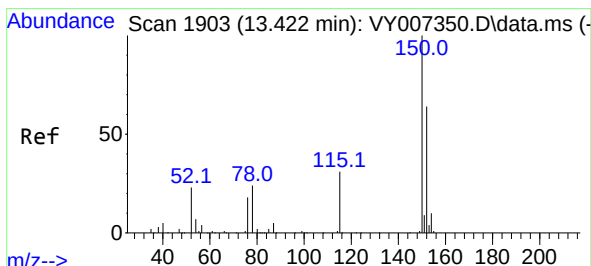
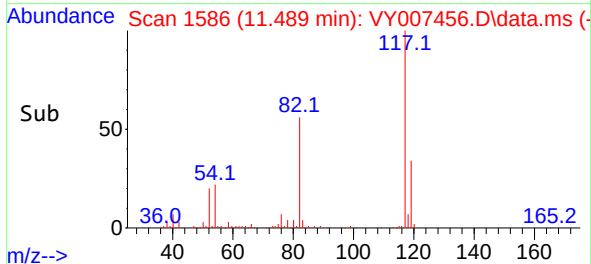
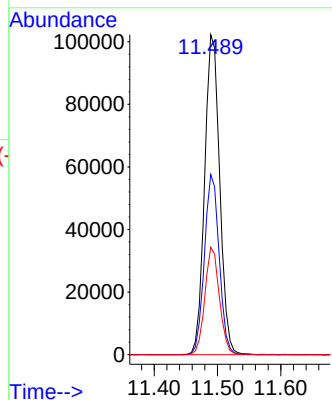
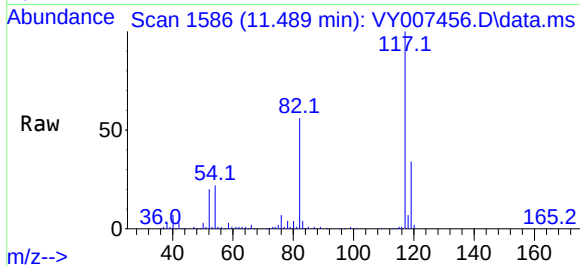




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

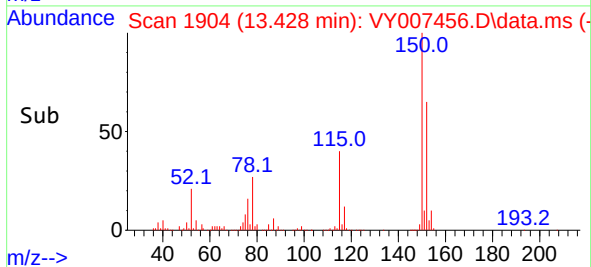
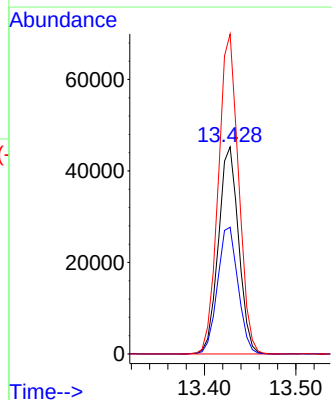
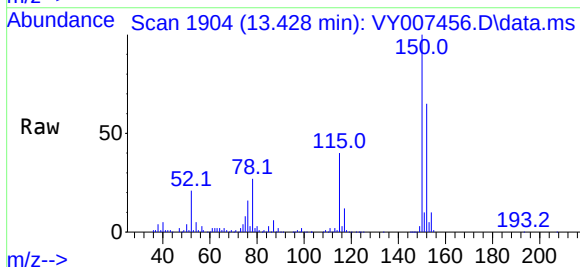
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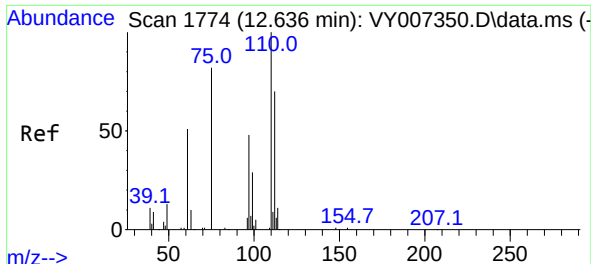
Tgt Ion:117 Resp: 169750
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion:152 Resp: 69587
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 154.7 0.0 347.6

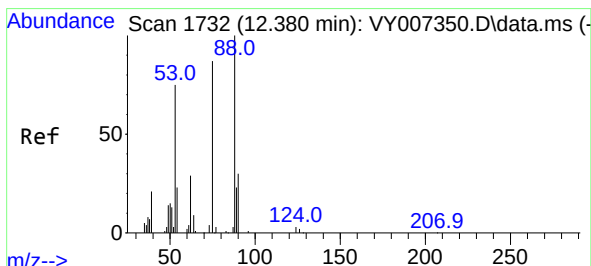
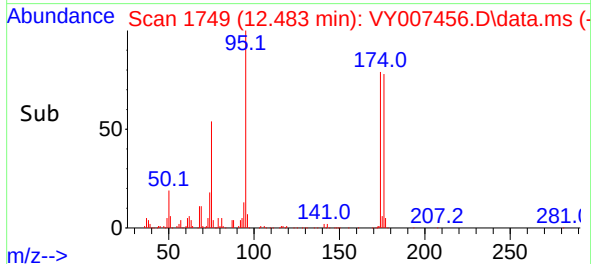
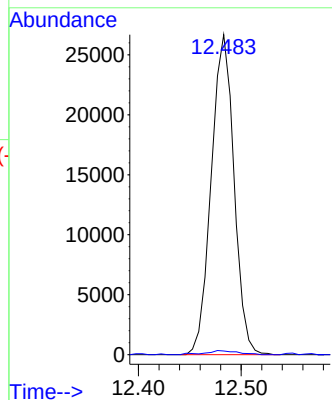
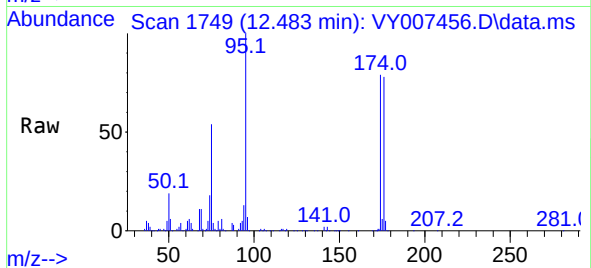




#76
1,2,3-Trichloropropane
Concen: 49.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion: 75 Resp: 40995
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007456.D
Acq: 09 Feb 2022 16:33

Tgt Ion: 75 Resp: 40995
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

