

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005855.D
 Acq On : 26 Aug 2021 12:59
 Operator : SY/MD
 Sample : M3546-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRP-7-COMP

Quant Time: Aug 27 03:25:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

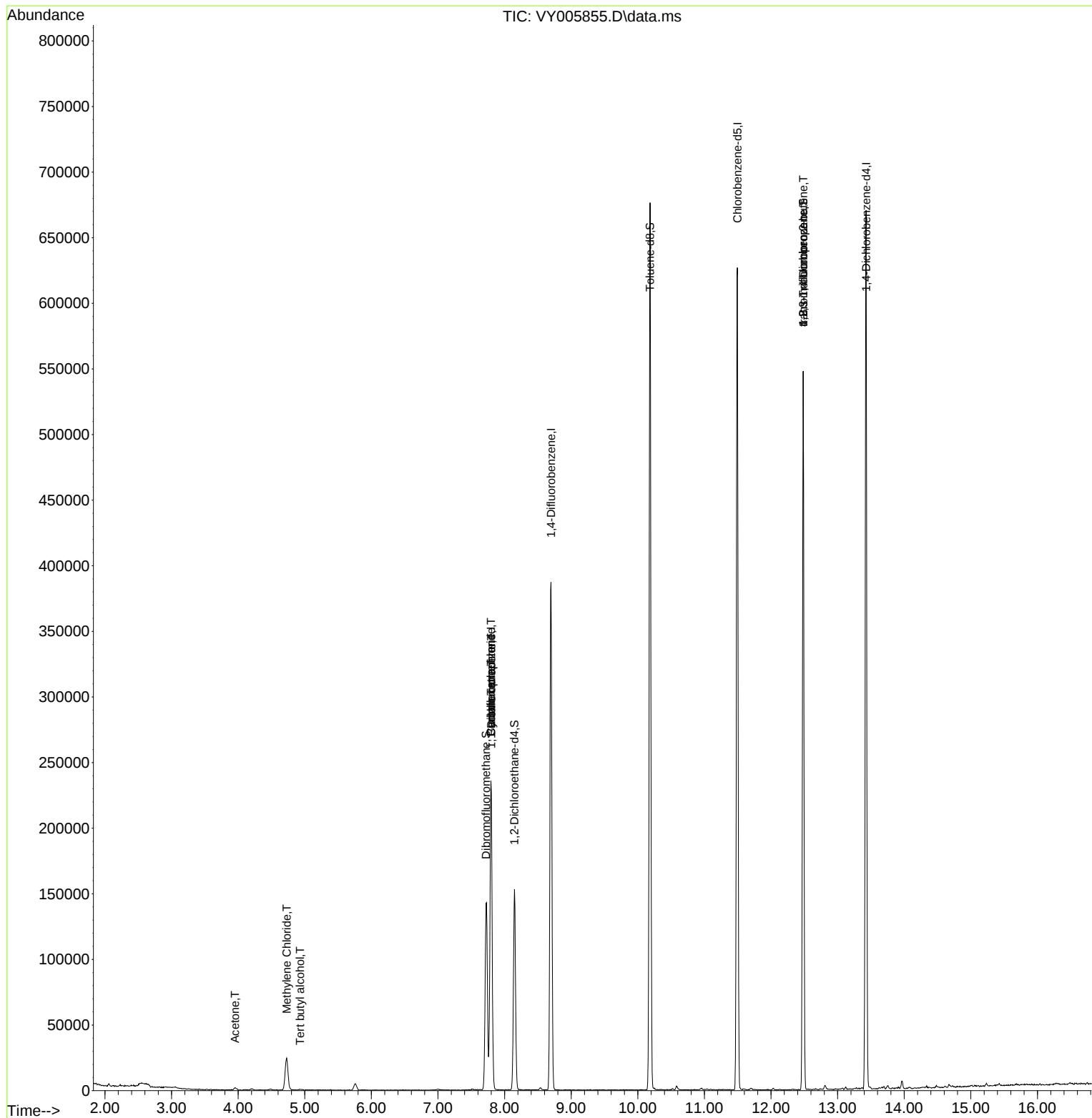
Internal Standards						
1) Pentafluorobenzene	7.795	168	193818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121650	62.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.020%	
35) Dibromofluoromethane	7.722	113	98962	52.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.185	98	431493	54.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.120%	
62) 4-Bromofluorobenzene	12.483	95	152378	58.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	472	2.434	ug/l #	73
16) Acetone	3.954	43	3020	6.105	ug/l	95
20) Methylene Chloride	4.729	84	18405	3.781	ug/l	92
31) Cyclohexane	7.795	56	3787	1.125	ug/l #	24
36) 1,1-Dichloropropene	7.801	75	13235	4.189	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17200	5.010	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	83445	45.871	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83445	92.469	ug/l #	11

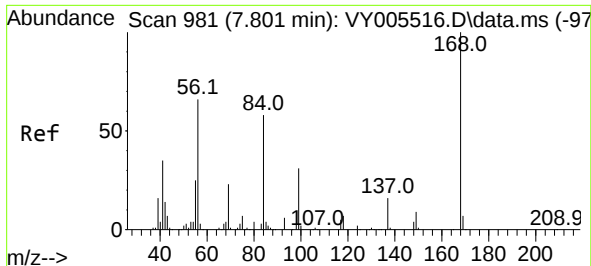
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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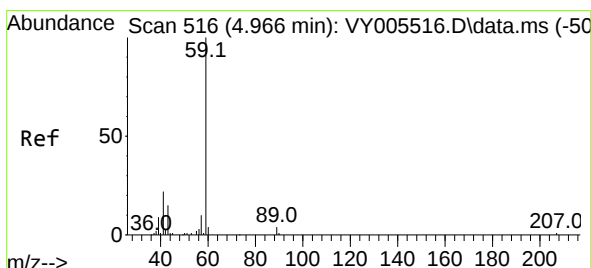
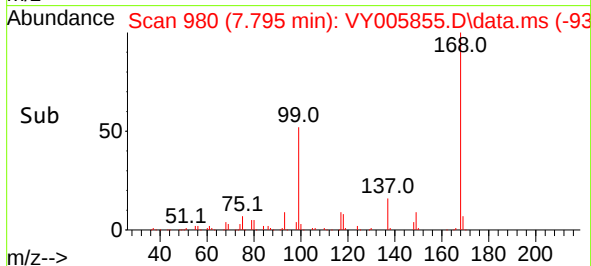
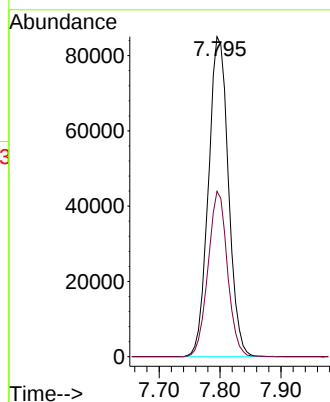
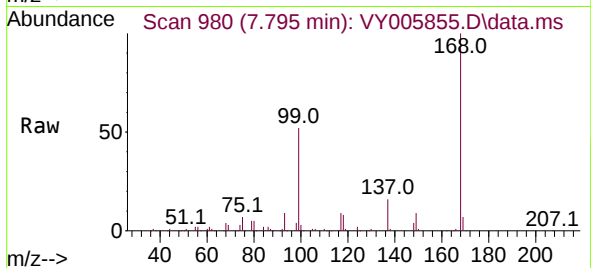




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

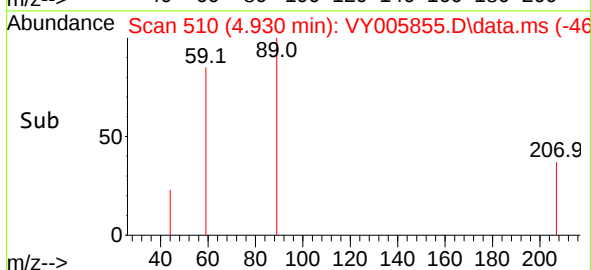
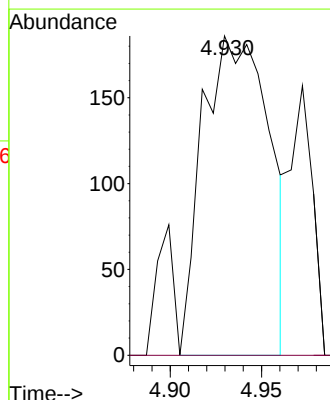
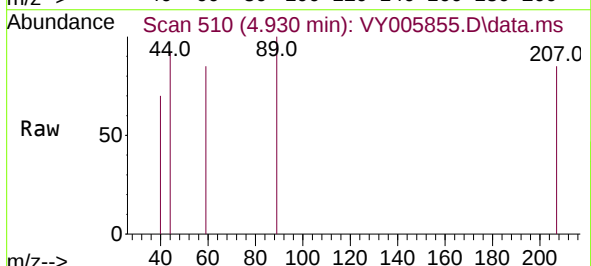
Instrument :
MSVOA_Y
ClientSampleId :
TRP-7-COMP

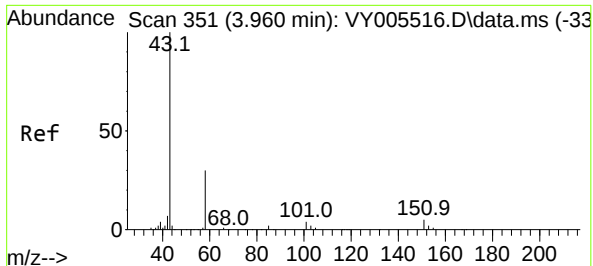
Tgt Ion:168 Resp: 193818
Ion Ratio Lower Upper
168 100
99 51.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.434 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.037 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion: 59 Resp: 472
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

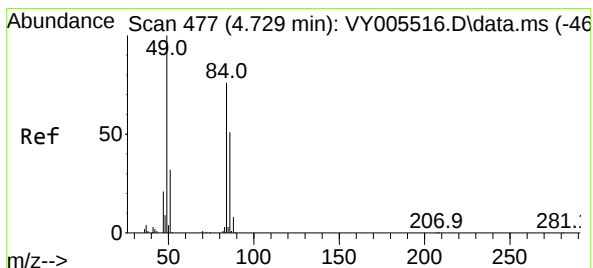
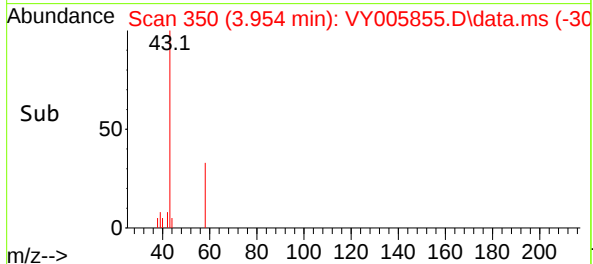
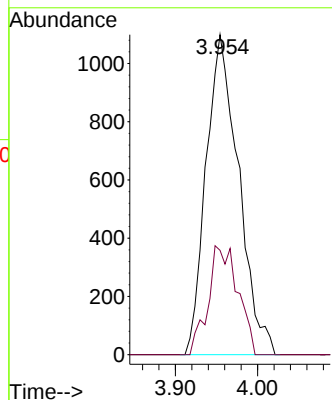
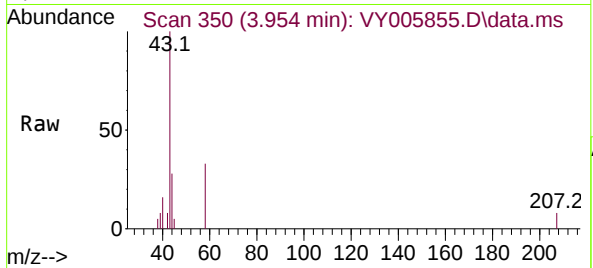




#16
Acetone
Concen: 6.105 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

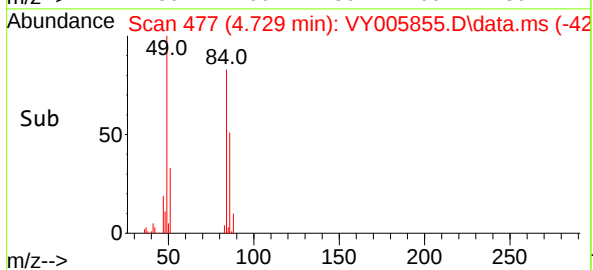
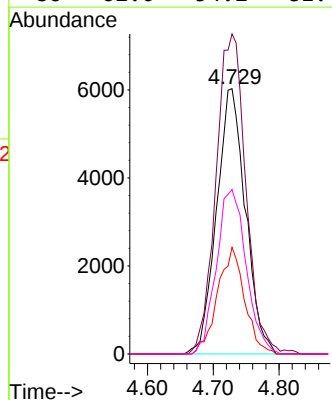
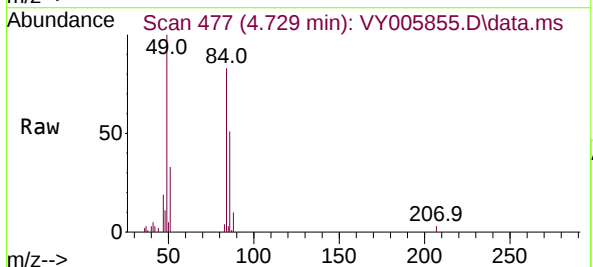
Instrument :
MSVOA_Y
ClientSampleId :
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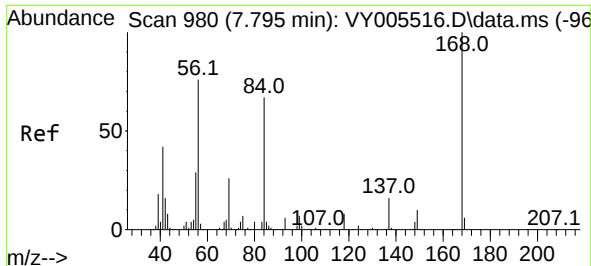
Tgt Ion: 43 Resp: 3020
Ion Ratio Lower Upper
43 100
58 32.6 23.8 35.6



#20
Methylene Chloride
Concen: 3.781 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion: 84 Resp: 18405
Ion Ratio Lower Upper
84 100
49 120.7 105.8 158.6
51 40.2 33.4 50.2
86 62.0 54.2 81.4

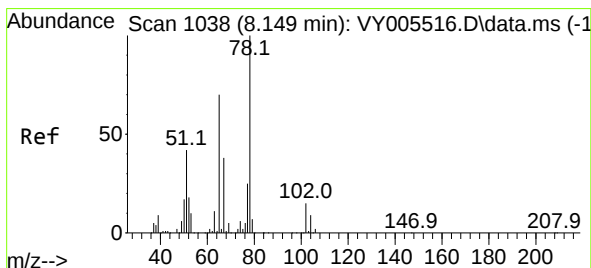
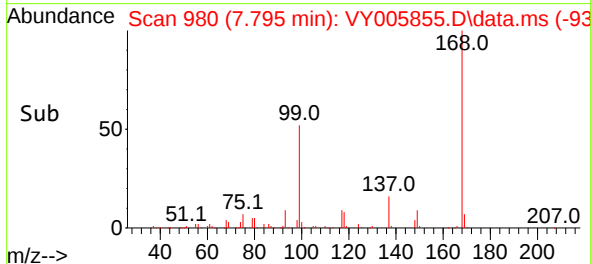
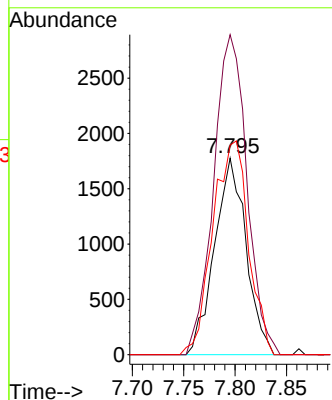
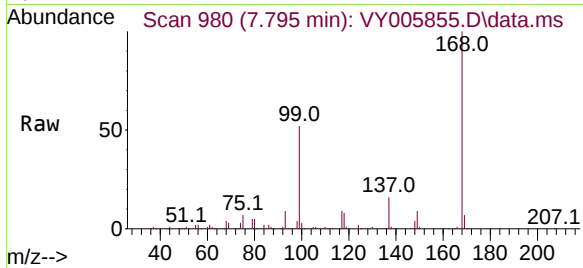




#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

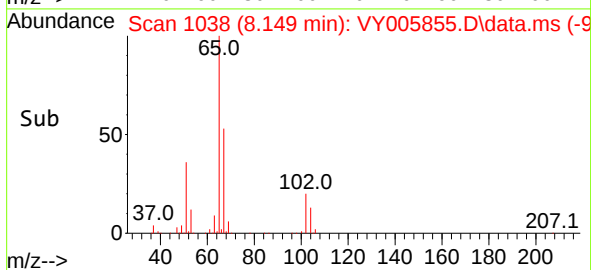
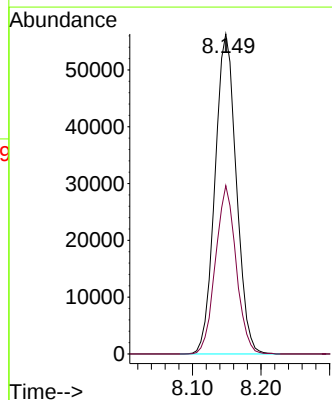
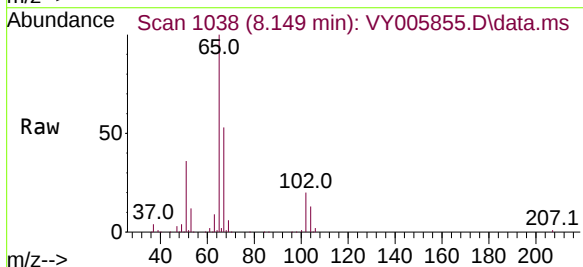
Instrument :
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ClientSampleId :
TRP-7-COMP

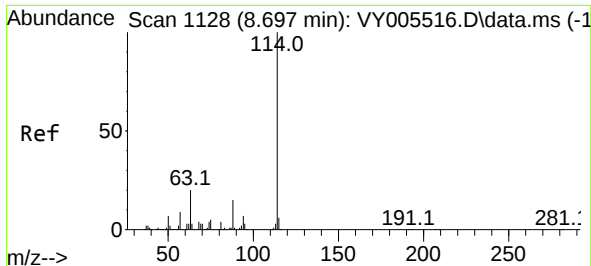
Tgt Ion: 56 Resp: 3787
Ion Ratio Lower Upper
56 100
69 162.9 27.7 41.5#
84 106.7 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.006 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion: 65 Resp: 121650
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005855.D

Acq: 26 Aug 2021 12:59

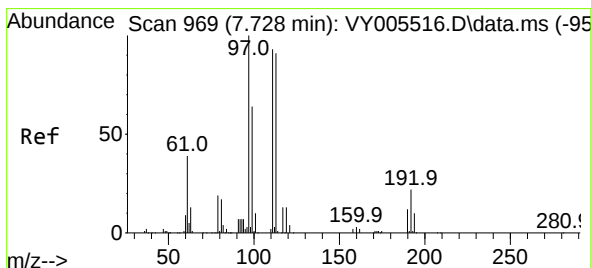
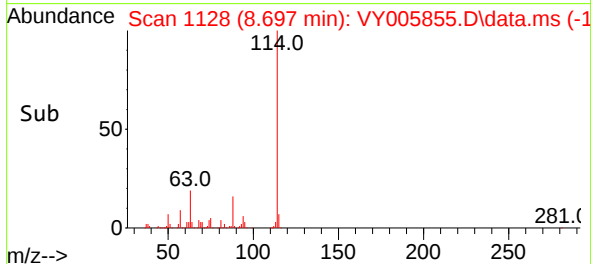
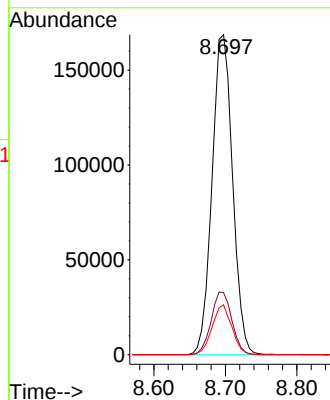
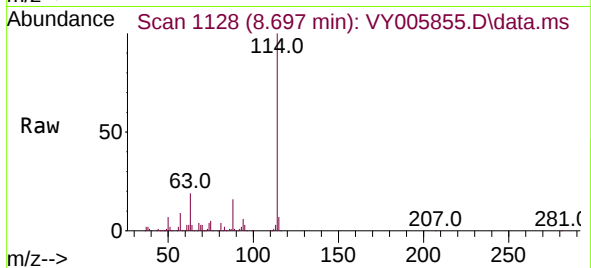
Tgt Ion:114 Resp: 336818

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.478 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005855.D

Acq: 26 Aug 2021 12:59

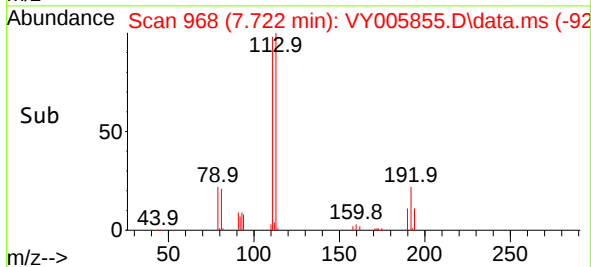
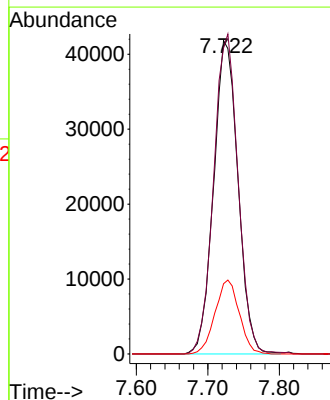
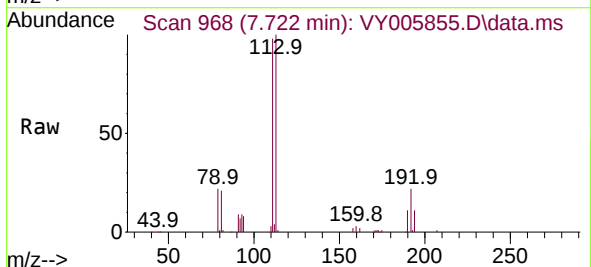
Tgt Ion:113 Resp: 98962

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 23.5 19.2 28.8

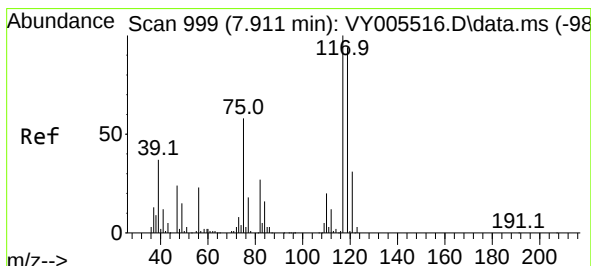
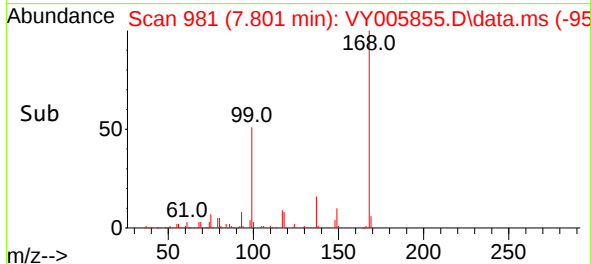
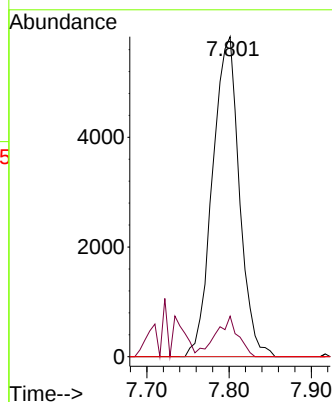
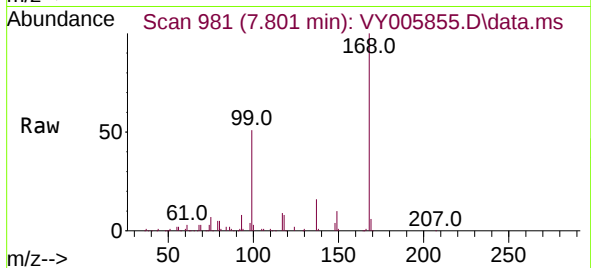




#36
1,1-Dichloropropene
Concen: 4.189 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

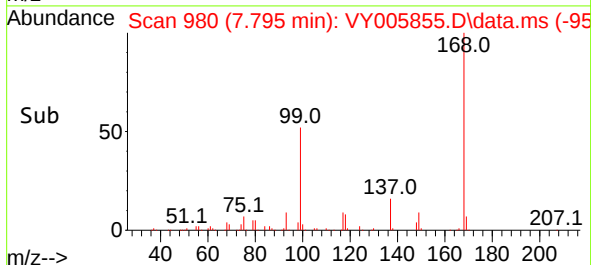
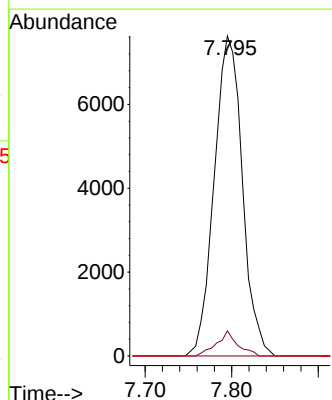
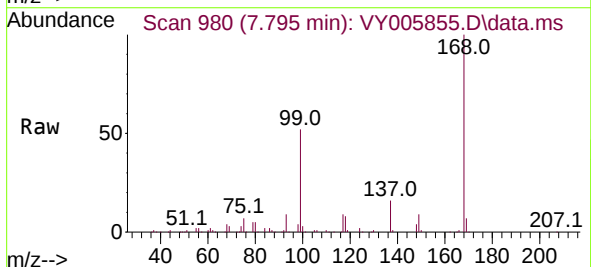
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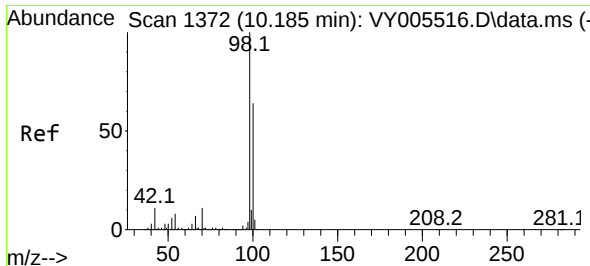
Tgt Ion: 75 Resp: 13235
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.010 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion: 117 Resp: 17200
Ion Ratio Lower Upper
117 100
119 7.9 75.4 113.0#
121 0.0 25.1 37.7#

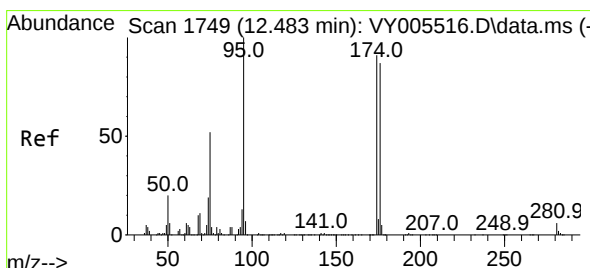
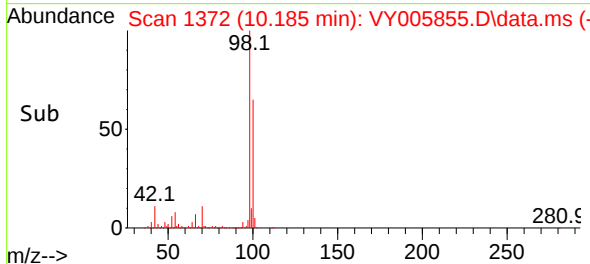
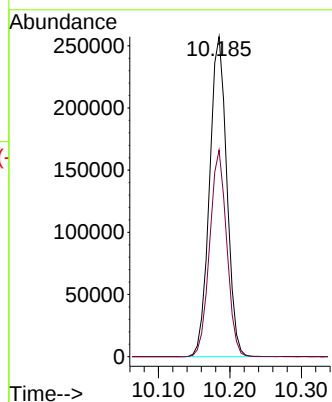
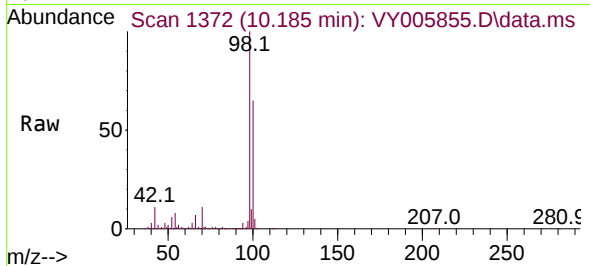




#50
Toluene-d8
Concen: 54.559 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

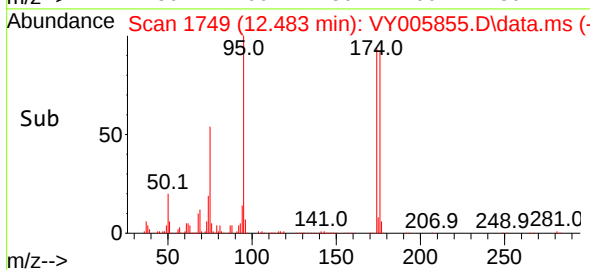
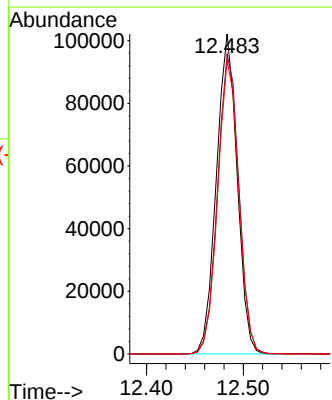
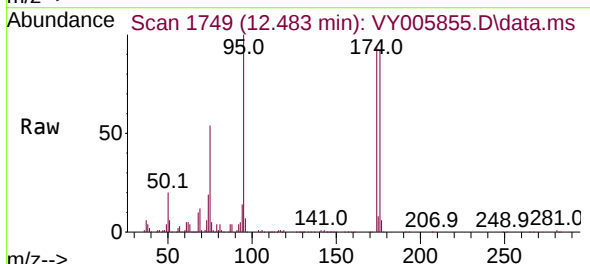
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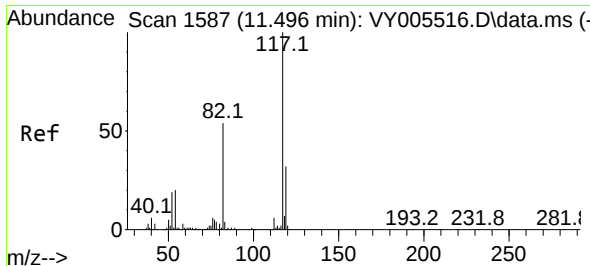
Tgt Ion: 98 Resp: 431493
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion: 95 Resp: 152378
Ion Ratio Lower Upper
95 100
174 96.3 0.0 191.4
176 92.9 0.0 183.6

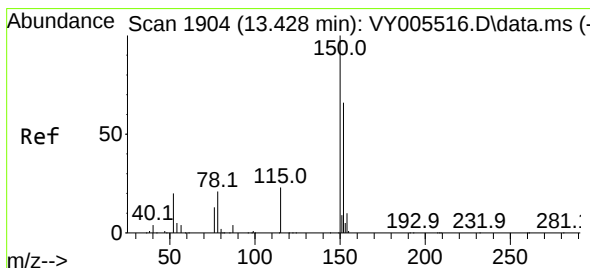
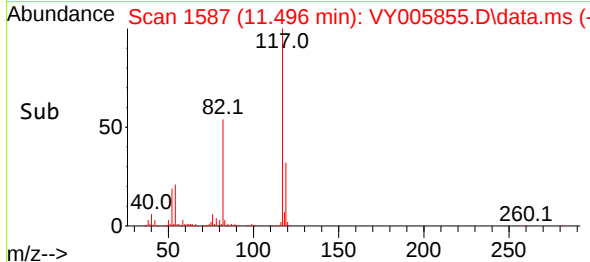
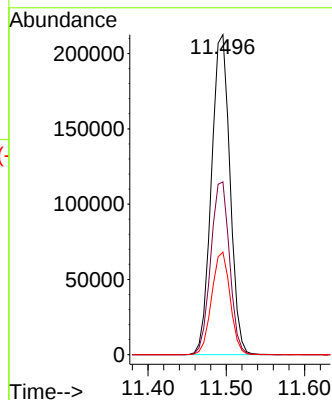
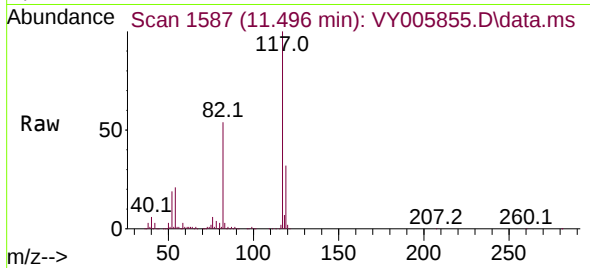




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

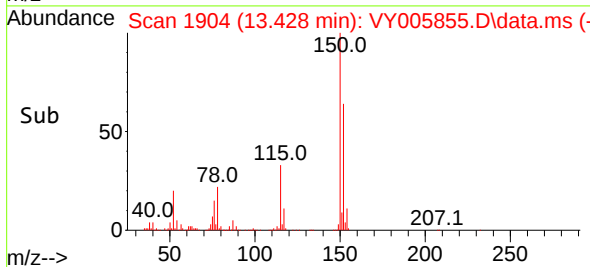
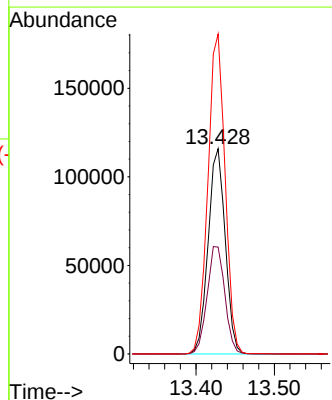
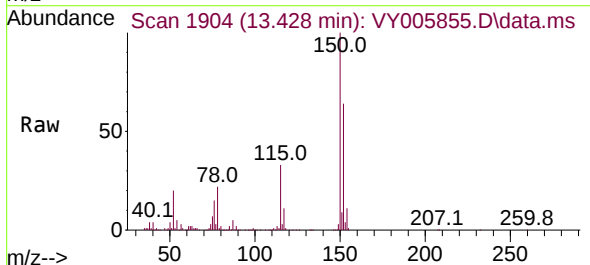
Instrument :
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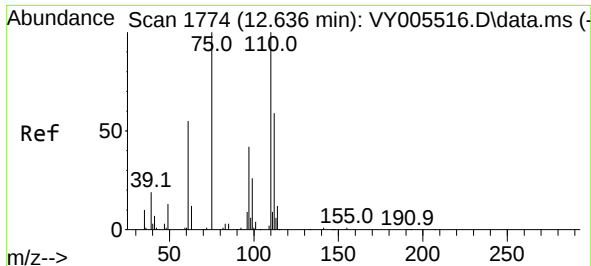
Tgt Ion:	117	Resp:	349616
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.5	65.3
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion:	152	Resp:	175544
Ion Ratio	Lower	Upper	
152	100		
115	54.2	27.3	81.9
150	156.4	0.0	350.2

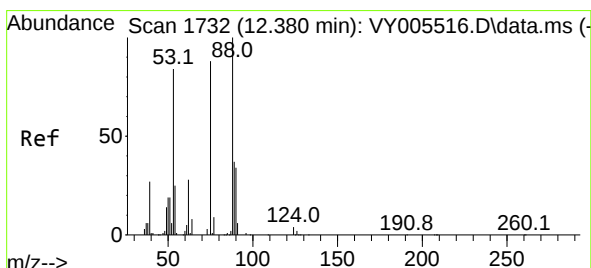
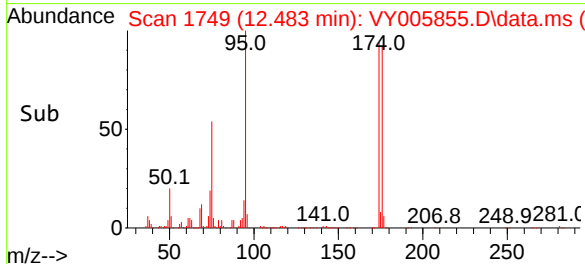
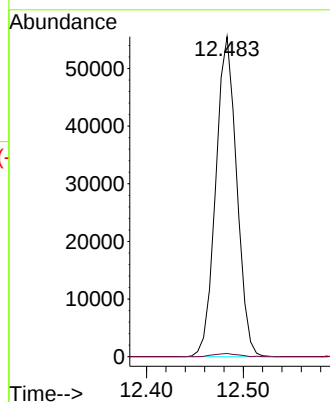
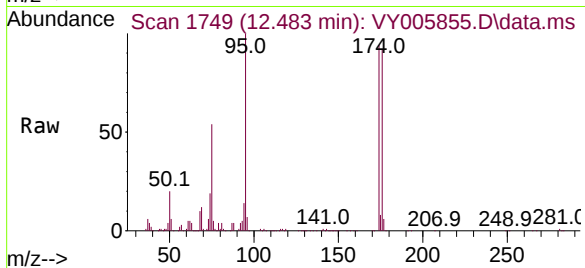




#76
1,2,3-Trichloropropane
Concen: 45.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Instrument :
MSVOA_Y
ClientSampleId :
TRP-7-COMP

Tgt Ion: 75 Resp: 83445
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005855.D
Acq: 26 Aug 2021 12:59

Tgt Ion: 75 Resp: 83445
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

