

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011996.D
 Acq On : 23 Dec 2022 14:38
 Operator : KP/MD
 Sample : N6190-01
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOCATION-1

Quant Time: Dec 23 22:25:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

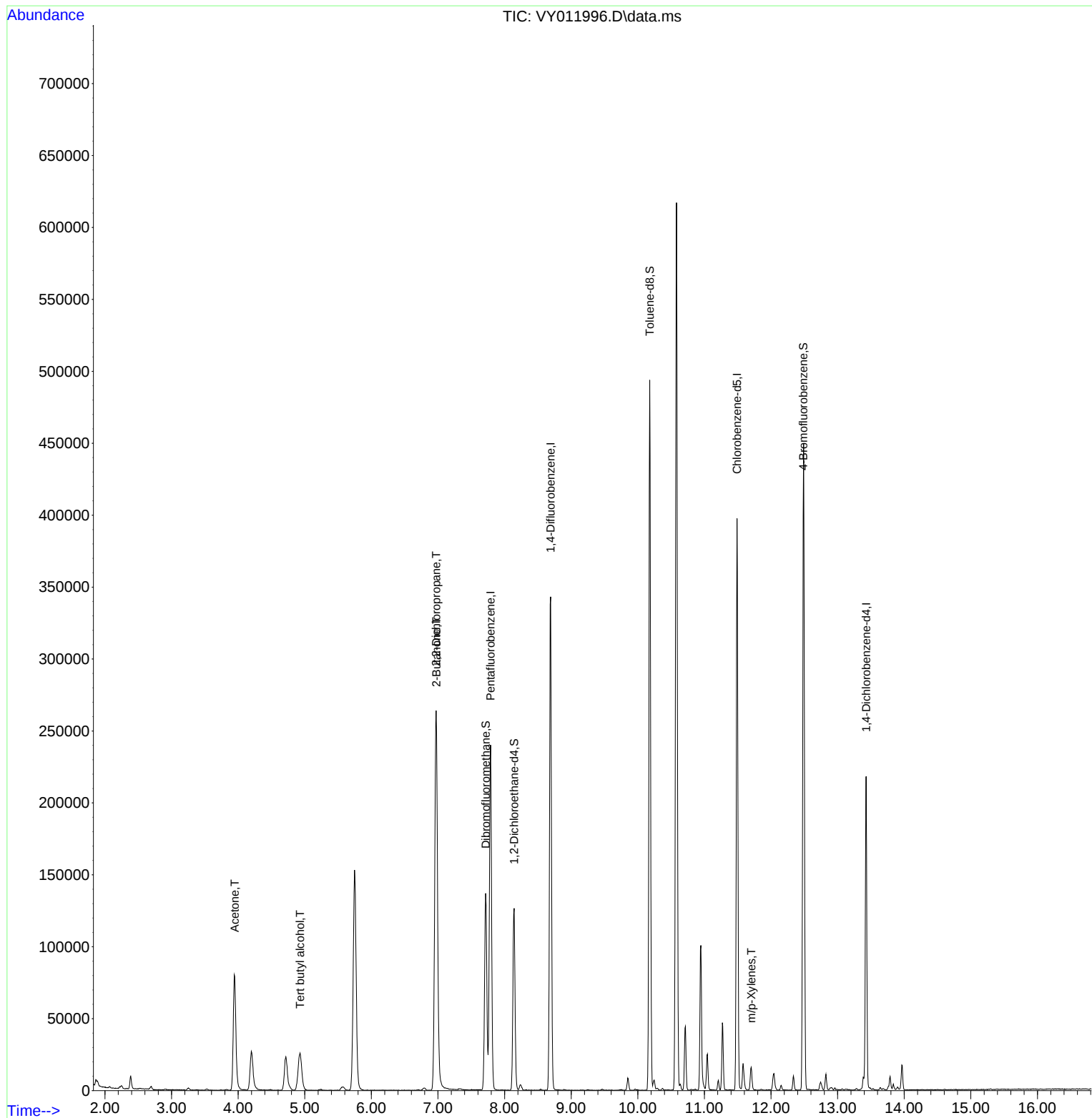
Internal Standards						
1) Pentafluorobenzene	7.789	168	187709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103130	54.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.060%			
35) Dibromofluoromethane	7.716	113	94932	52.654	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.300%			
50) Toluene-d8	10.179	98	328246	44.874	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.740%			
62) 4-Bromofluorobenzene	12.483	95	69473	28.239	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 56.480%			
Target Compounds						
11) Tert butyl alcohol	4.930	59	26308	124.078	ug/l #	78
16) Acetone	3.948	43	138391	245.205	ug/l	96
25) 2-Butanone	6.978	43	21494	34.120	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	19173	5.852	ug/l #	53
68) m/p-Xylenes	11.703	106	5005	1.568	ug/l	100

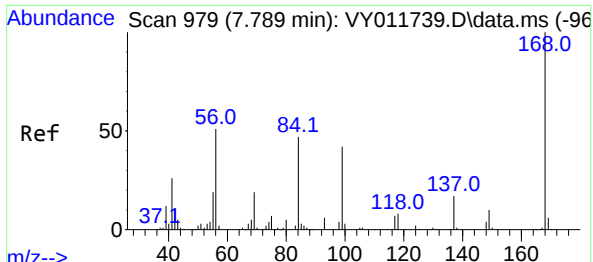
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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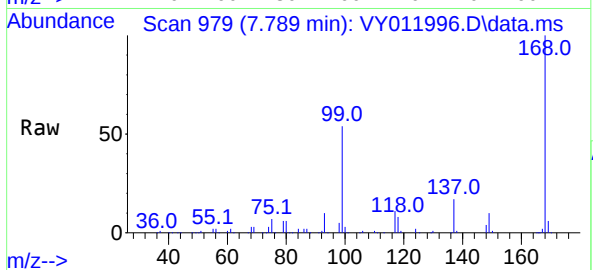
Quant Time: Dec 23 22:25:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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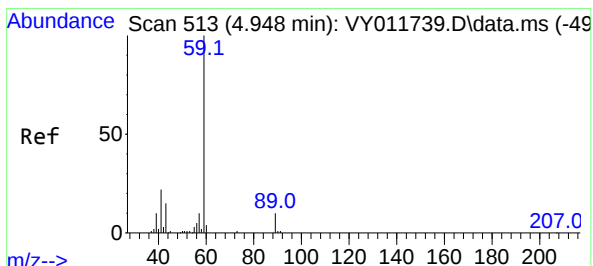
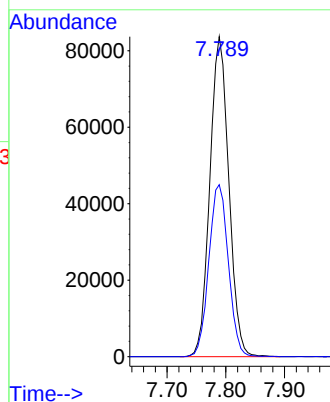
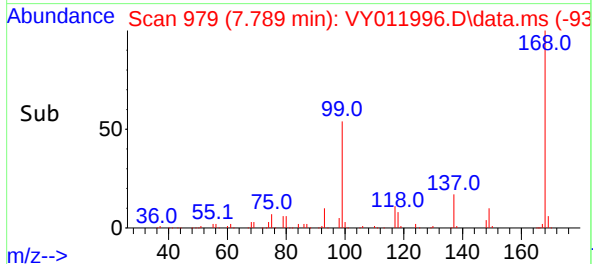


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

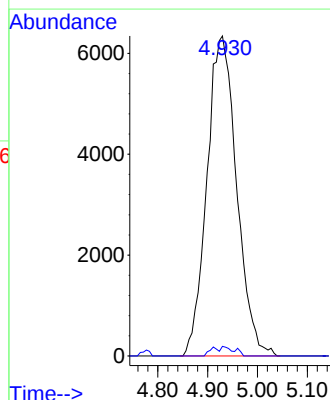
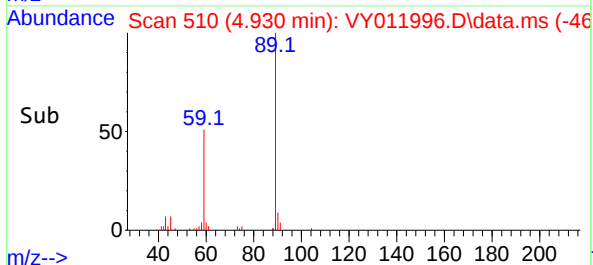
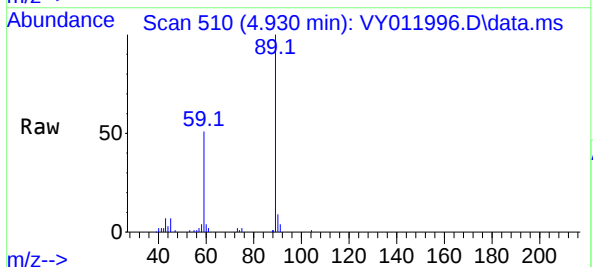


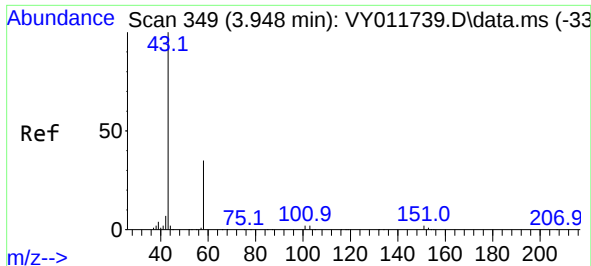
Tgt Ion:168 Resp: 187709
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#11
Tert butyl alcohol
Concen: 124.078 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

Tgt Ion: 59 Resp: 26308
Ion Ratio Lower Upper
59 100
57 1.3 7.4 11.2#

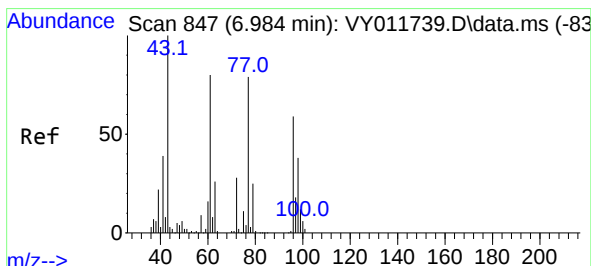
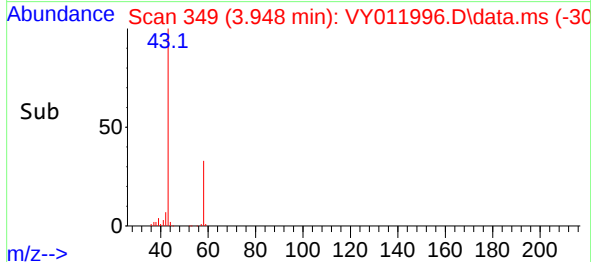
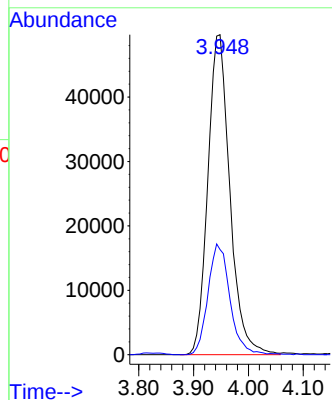
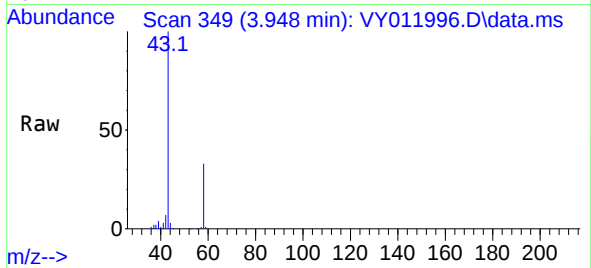




#16
Acetone
Concen: 245.205 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

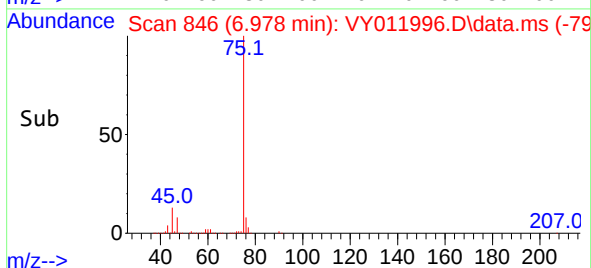
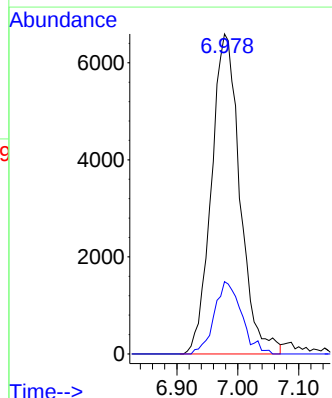
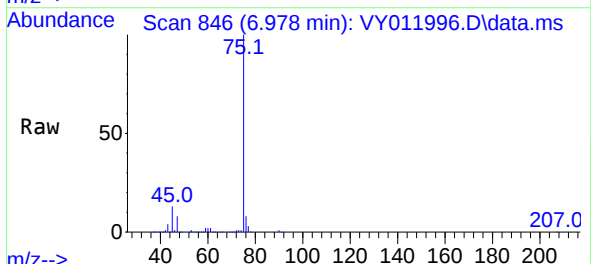
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

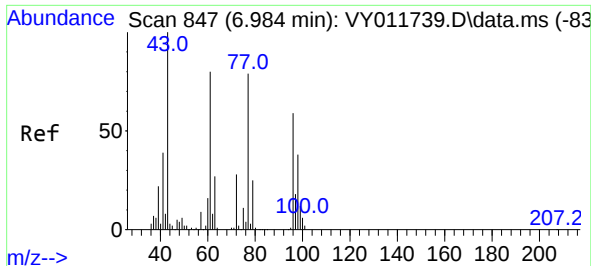
Tgt Ion: 43 Resp: 138391
Ion Ratio Lower Upper
43 100
58 32.8 27.9 41.9



#25
2-Butanone
Concen: 34.120 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

Tgt Ion: 43 Resp: 21494
Ion Ratio Lower Upper
43 100
72 22.6 22.6 34.0#

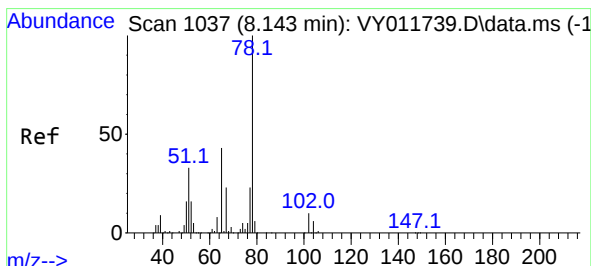
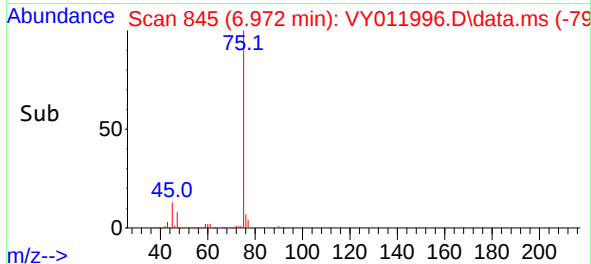
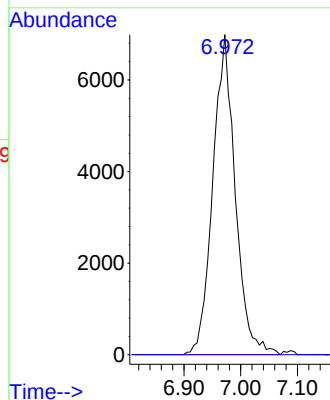
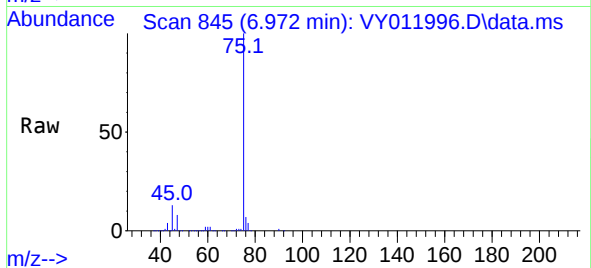




#26
2,2-Dichloropropane
Concen: 5.852 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

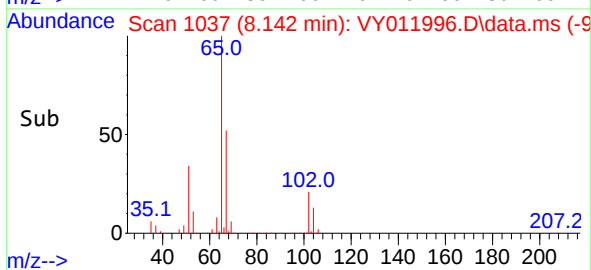
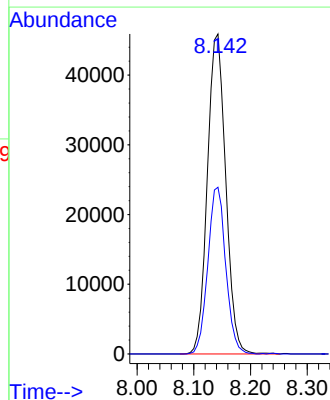
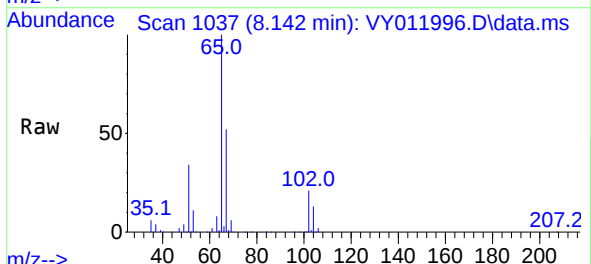
Instrument :
MSVOA_Y
ClientSampleId :
LOCATION-1

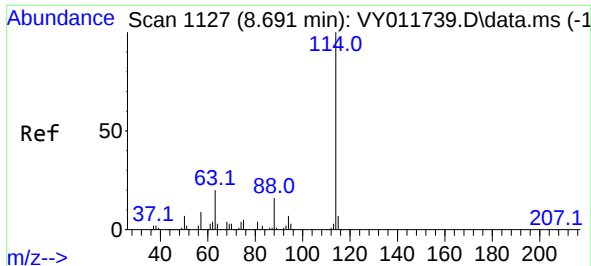
Tgt Ion: 77 Resp: 19173
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



#33
1,2-Dichloroethane-d4
Concen: 54.534 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

Tgt Ion: 65 Resp: 103130
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011996.D

Acq: 23 Dec 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

LOCATION-1

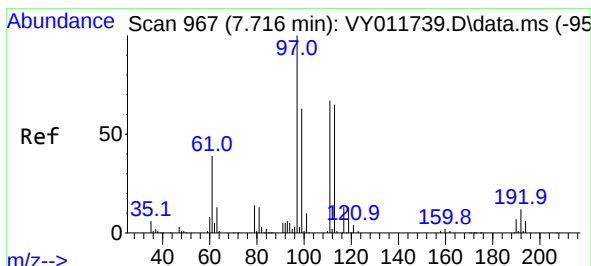
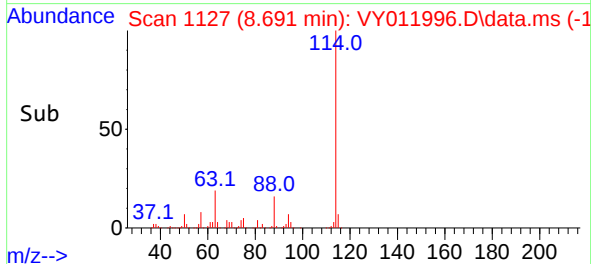
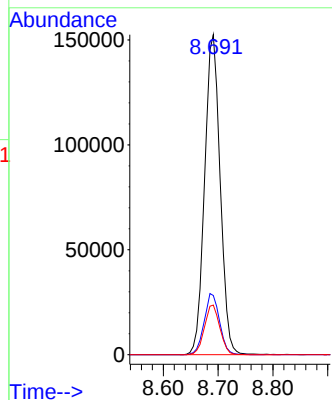
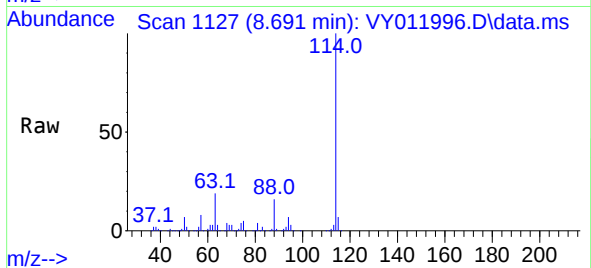
Tgt Ion:114 Resp: 299475

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.654 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011996.D

Acq: 23 Dec 2022 14:38

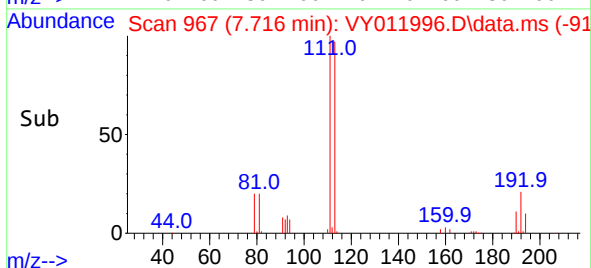
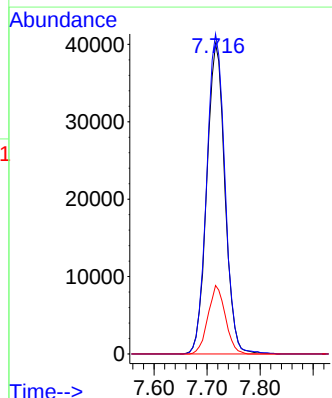
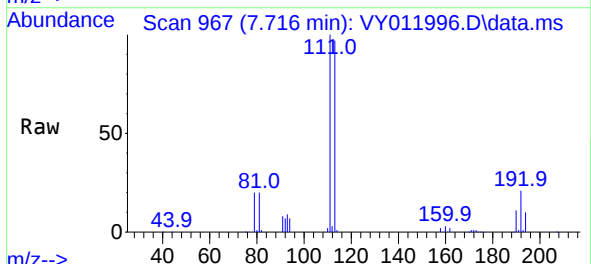
Tgt Ion:113 Resp: 94932

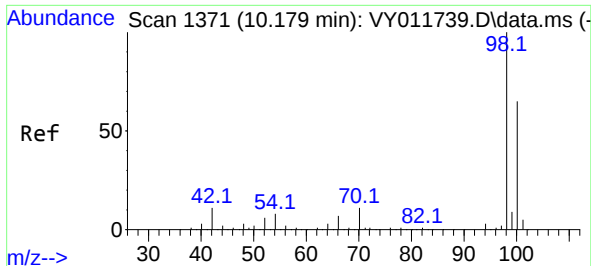
Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 21.2 16.0 24.0

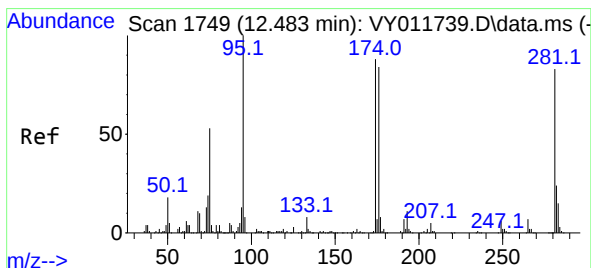
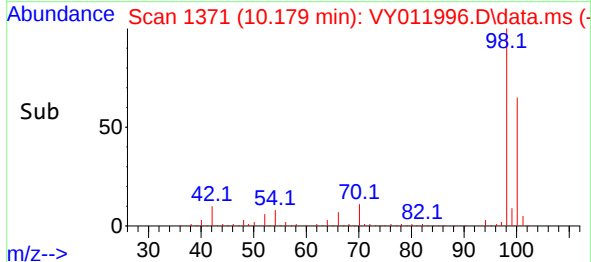
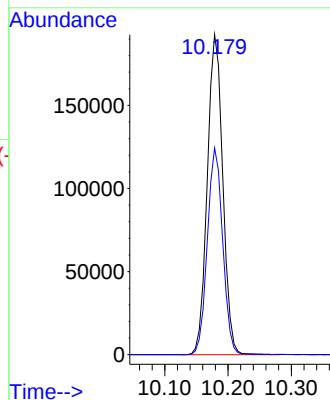
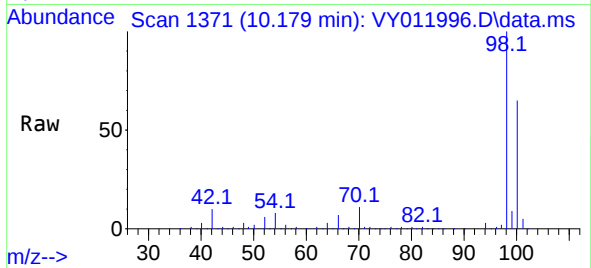




#50
Toluene-d8
Concen: 44.874 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

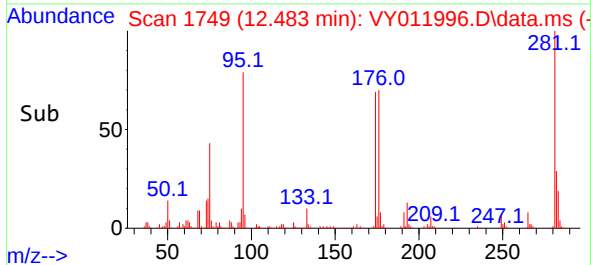
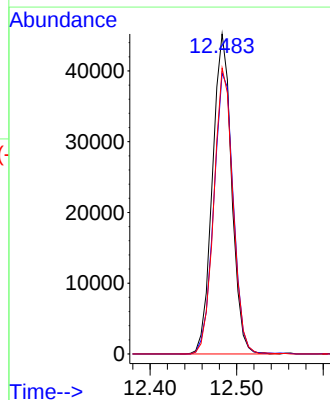
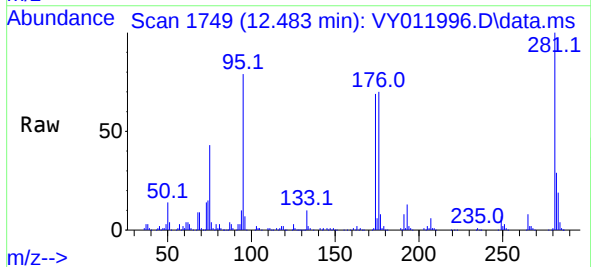
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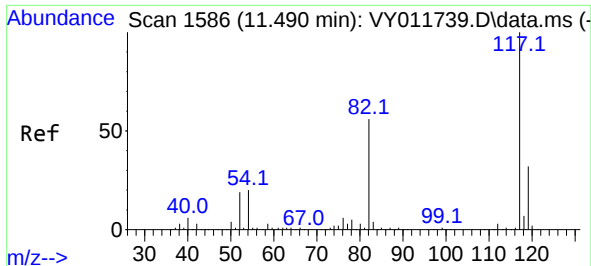
Tgt Ion: 98 Resp: 328246
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 28.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

Tgt Ion: 95 Resp: 69473
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.0
176 88.8 0.0 167.6

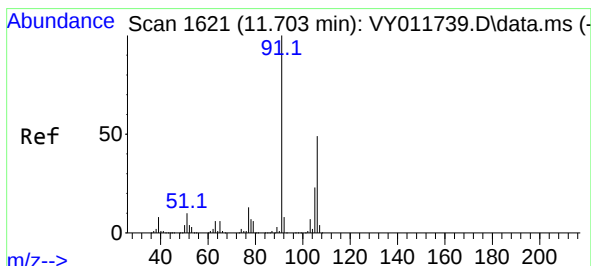
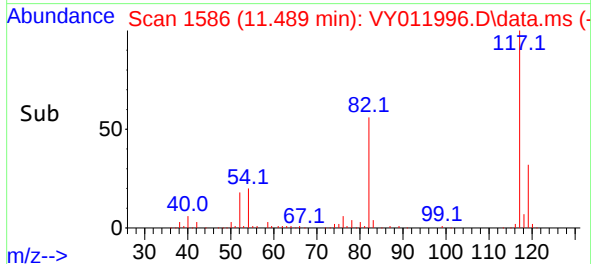
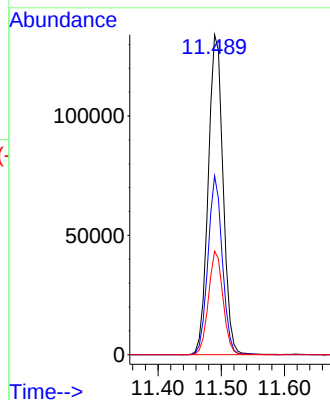
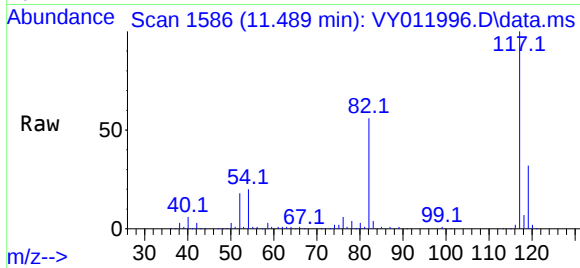




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

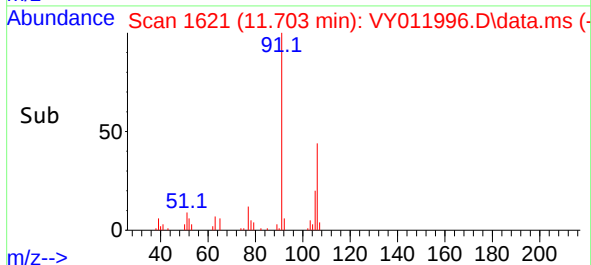
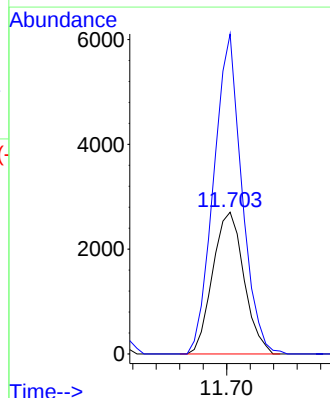
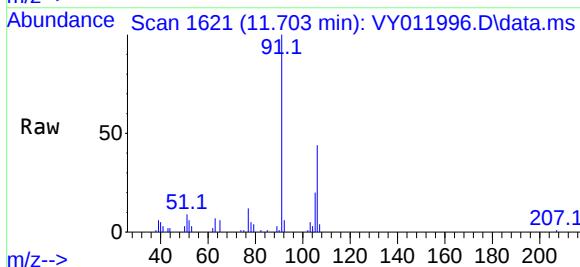
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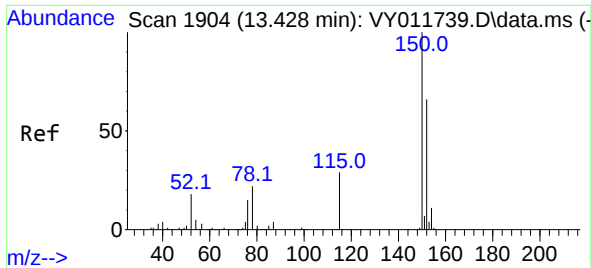
Tgt Ion:117 Resp: 218692
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 1.568 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011996.D
Acq: 23 Dec 2022 14:38

Tgt Ion:106 Resp: 5005
Ion Ratio Lower Upper
106 100
91 203.1 162.5 243.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011996.D
 Acq: 23 Dec 2022 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	56591
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.1	87.3
150	159.7	0.0	342.6

