

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006606.D
 Acq On : 03 Nov 2021 16:44
 Operator : SY/MD
 Sample : M4427-06RE
 Misc : 4.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D20211029RE

Quant Time: Nov 03 21:21:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

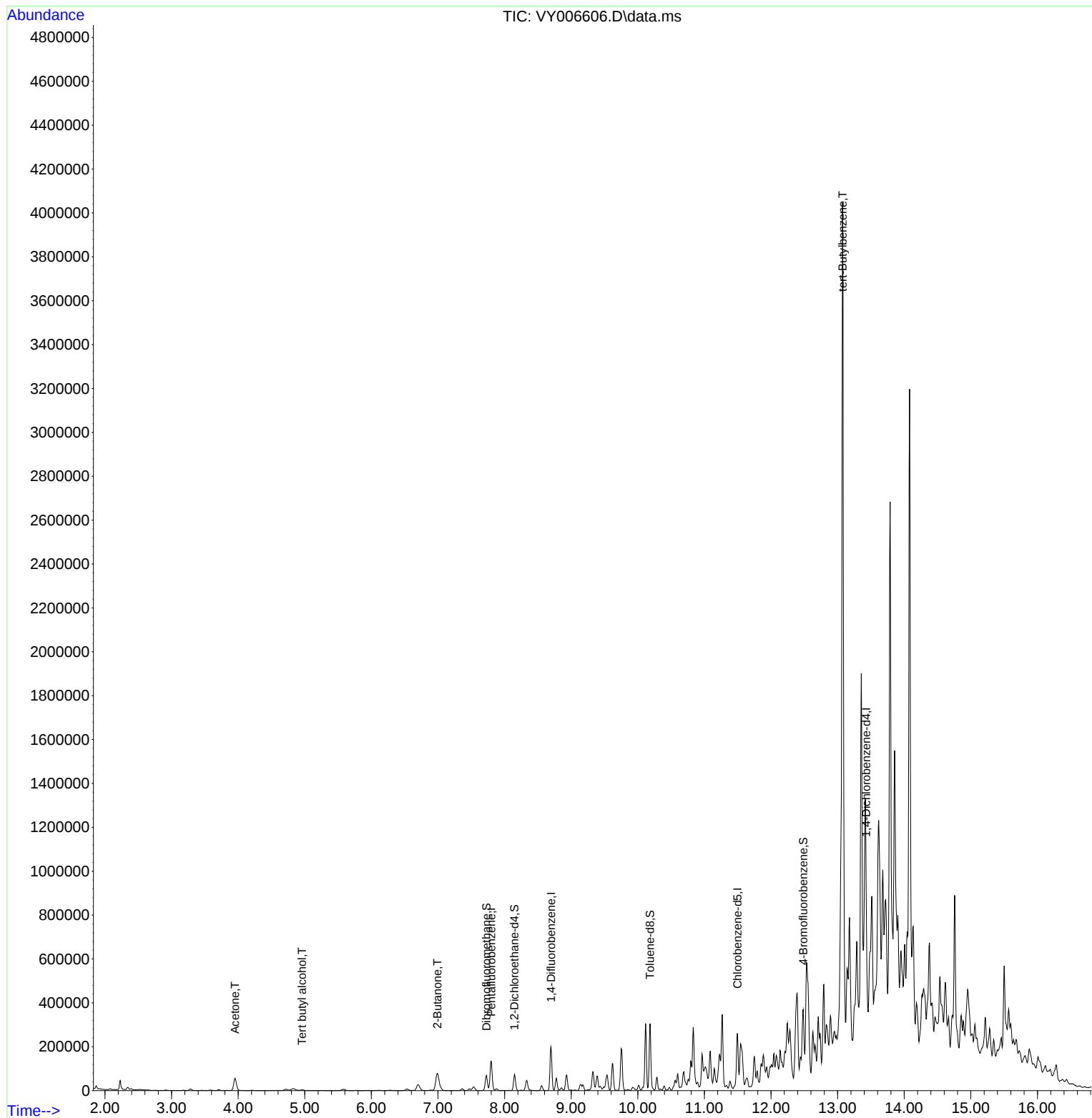
Internal Standards						
1) Pentafluorobenzene	7.801	168	101196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	102074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55836	44.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.680%
35) Dibromofluoromethane	7.728	113	46732	52.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.185	98	188112	50.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.483	95	29961	23.703	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	7038	62.212	ug/l #	90
16) Acetone	3.954	43	72116	201.119	ug/l	89
25) 2-Butanone	6.990	43	55308	117.735	ug/l #	70
83) tert-Butylbenzene	13.074	119	1342573	2561.071	ug/l	98

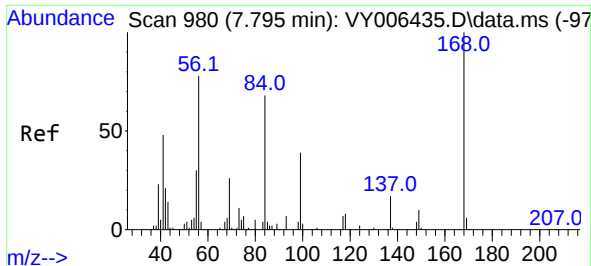
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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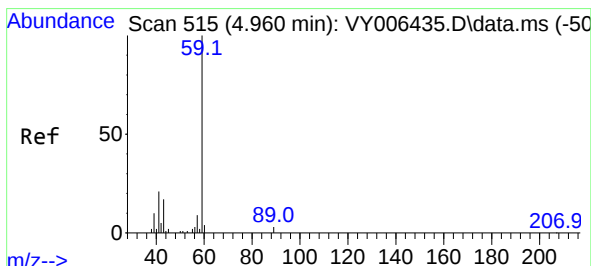
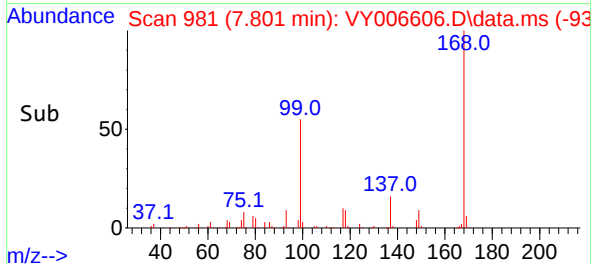
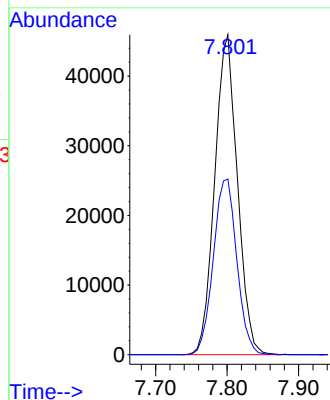
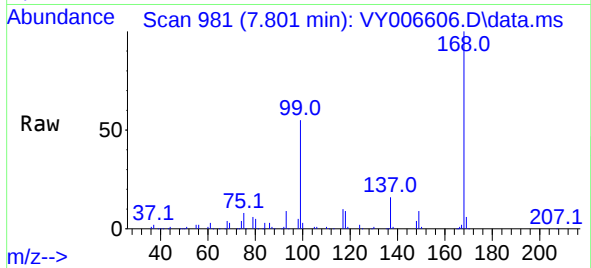




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

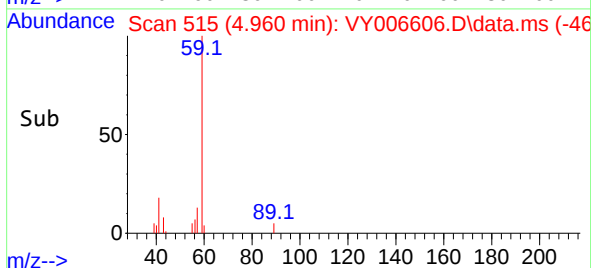
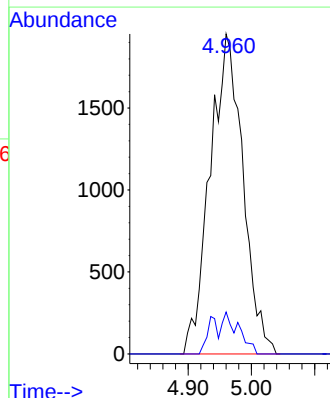
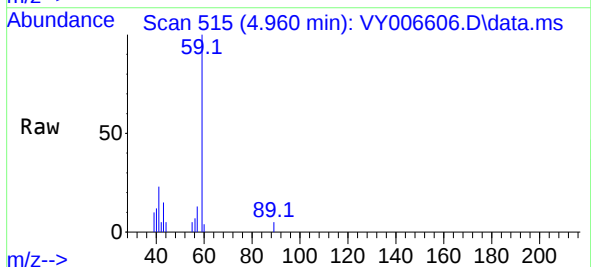
Instrument :
MSVOA_Y
ClientSampleId :
D20211029RE

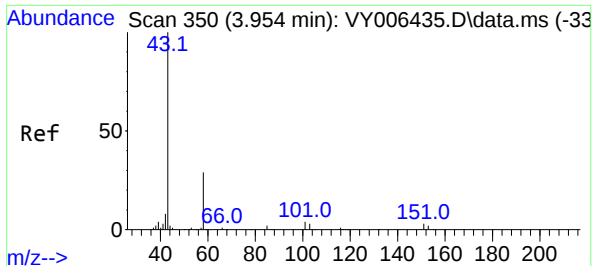
Tgt Ion:168 Resp: 101196
Ion Ratio Lower Upper
168 100
99 54.9 44.8 67.2



#11
Tert butyl alcohol
Concen: 62.212 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

Tgt Ion: 59 Resp: 7038
Ion Ratio Lower Upper
59 100
57 6.6 8.2 12.4#

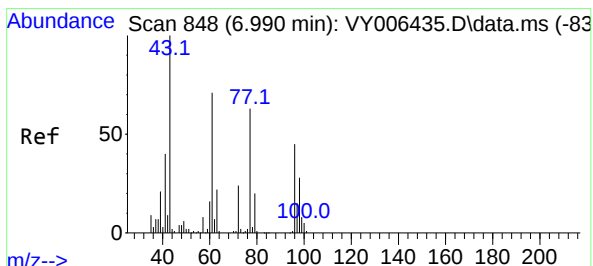
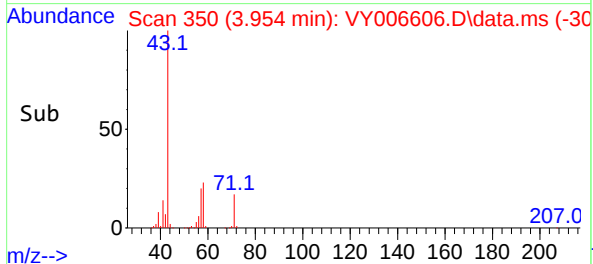
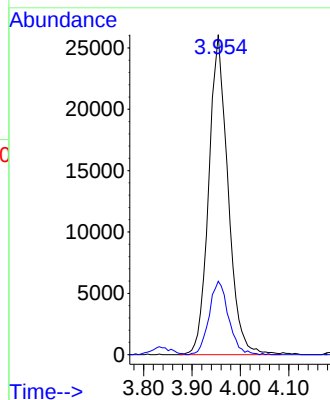
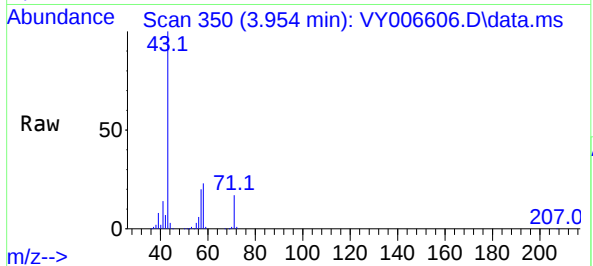




#16
Acetone
Concen: 201.119 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

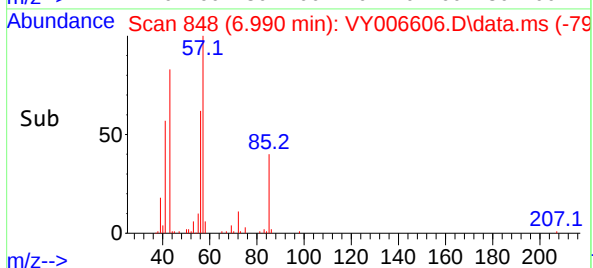
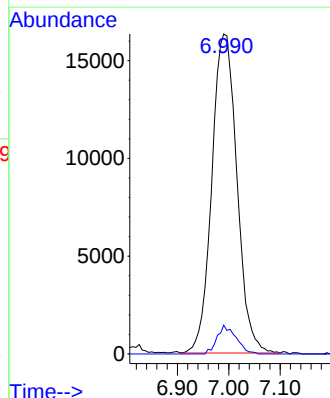
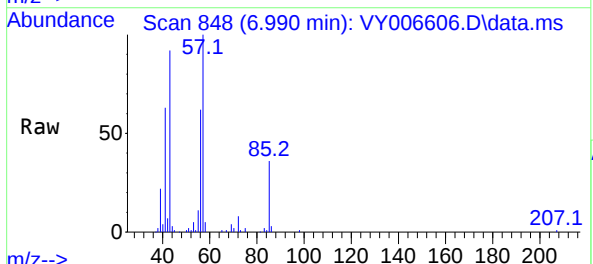
Instrument :
MSVOA_Y
ClientSampleId :
D20211029RE

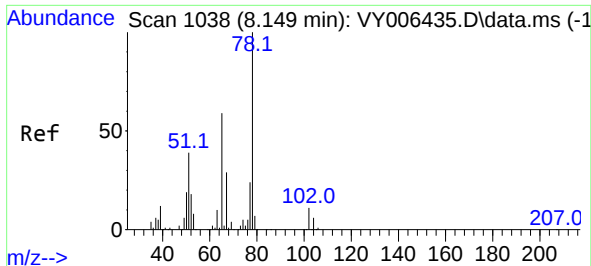
Tgt Ion: 43 Resp: 72116
Ion Ratio Lower Upper
43 100
58 23.0 22.9 34.3



#25
2-Butanone
Concen: 117.735 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

Tgt Ion: 43 Resp: 55308
Ion Ratio Lower Upper
43 100
72 9.0 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 44.838 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006606.D

Acq: 03 Nov 2021 16:44

Instrument :

MSVOA_Y

ClientSampleId :

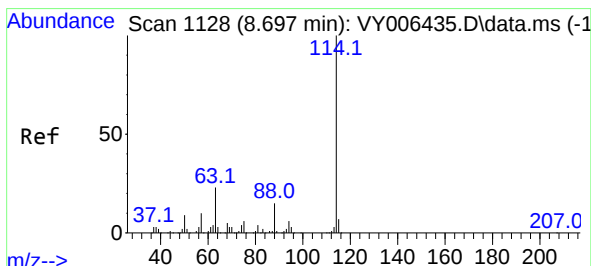
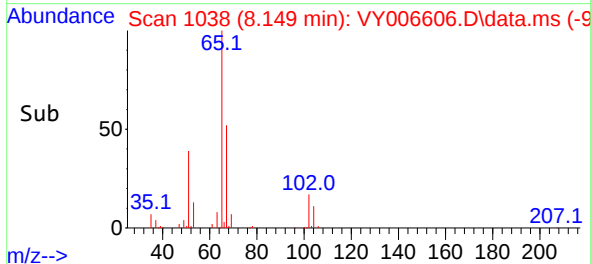
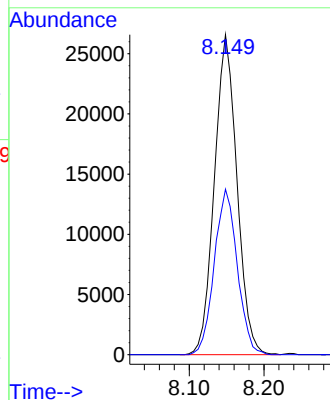
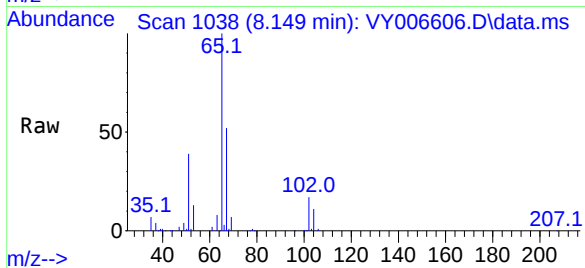
D20211029RE

Tgt Ion: 65 Resp: 55836

Ion Ratio Lower Upper

65 100

67 52.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006606.D

Acq: 03 Nov 2021 16:44

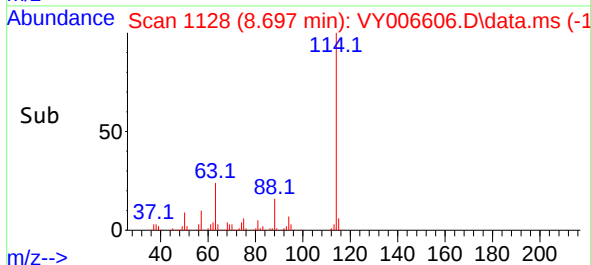
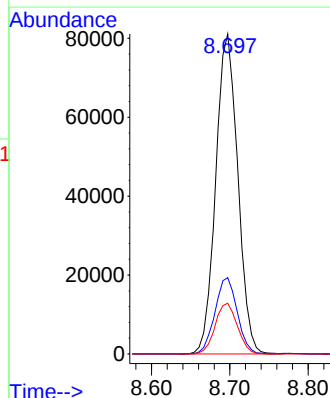
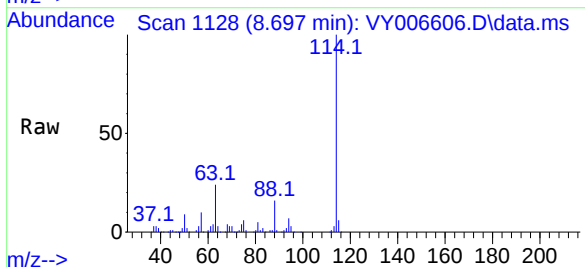
Tgt Ion: 114 Resp: 158814

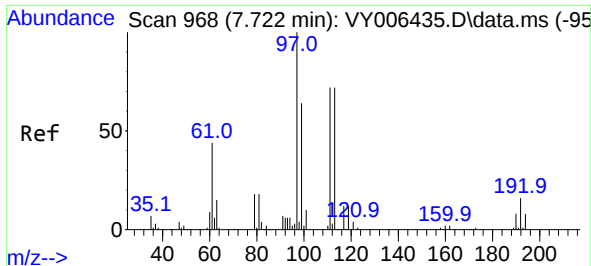
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 15.8 0.0 30.6

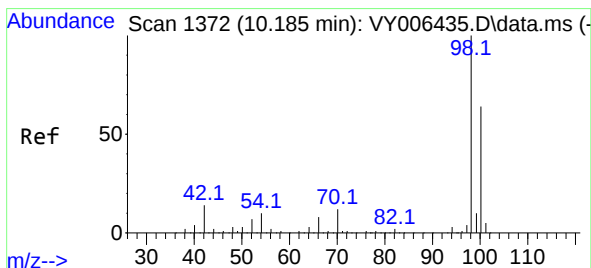
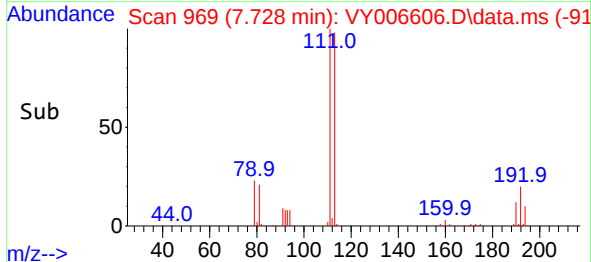
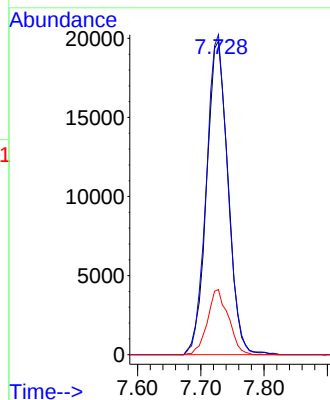
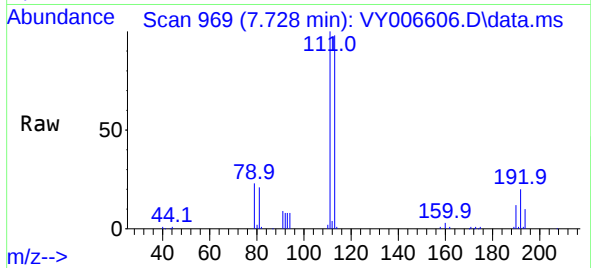




#35
Dibromofluoromethane
Concen: 52.794 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

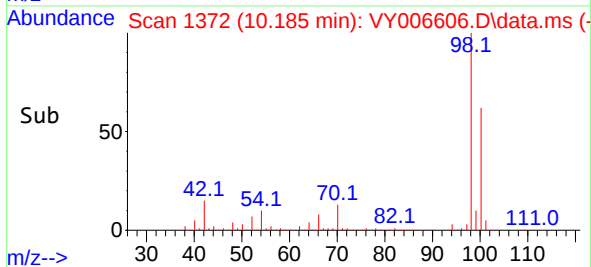
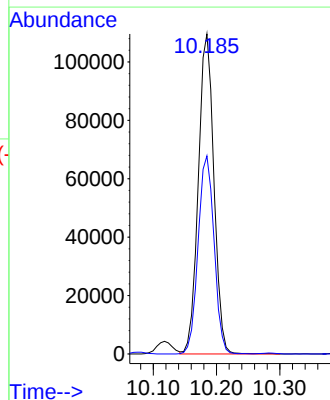
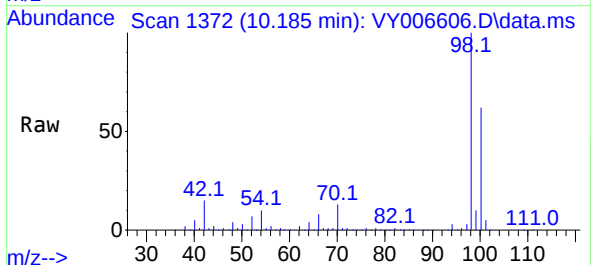
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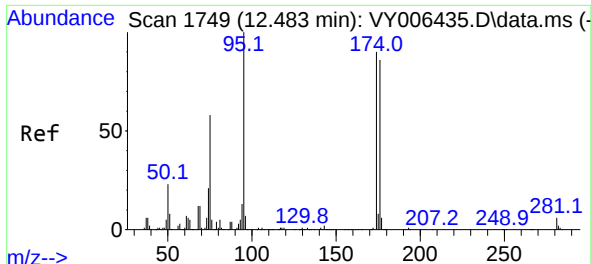
Tgt Ion:113 Resp: 46732
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 20.3 17.4 26.2



#50
Toluene-d8
Concen: 50.131 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

Tgt Ion: 98 Resp: 188112
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

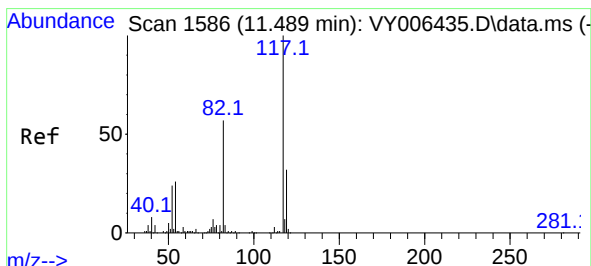
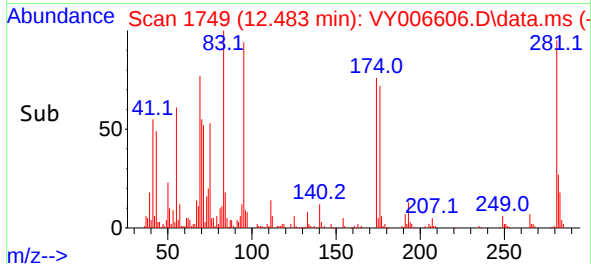
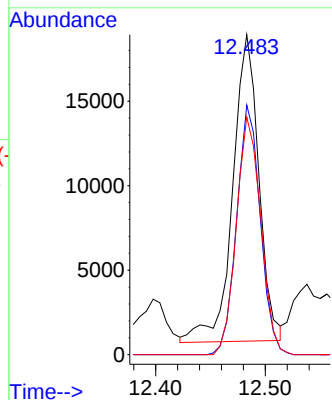
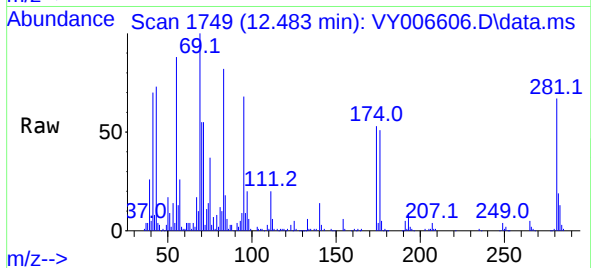




#62
4-Bromofluorobenzene
Concen: 23.703 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

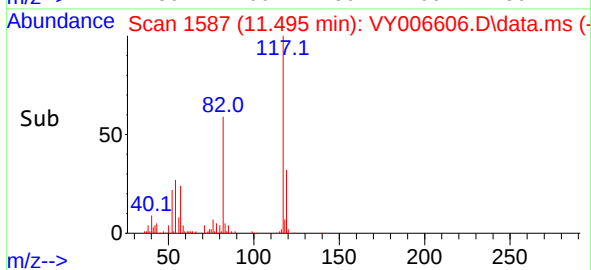
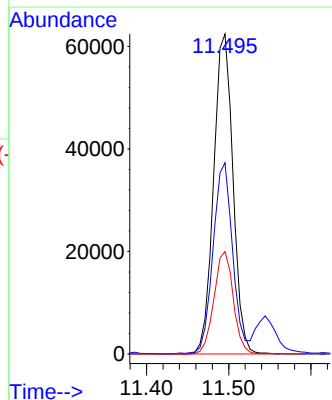
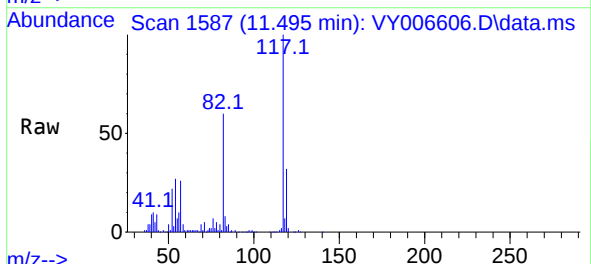
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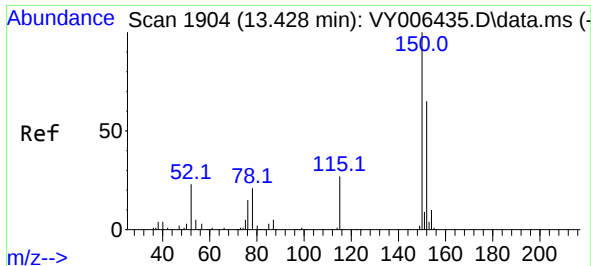
Tgt Ion: 95 Resp: 29961
Ion Ratio Lower Upper
95 100
174 73.5 0.0 177.0
176 72.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

Tgt Ion: 117 Resp: 102074
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 32.0 25.5 38.3

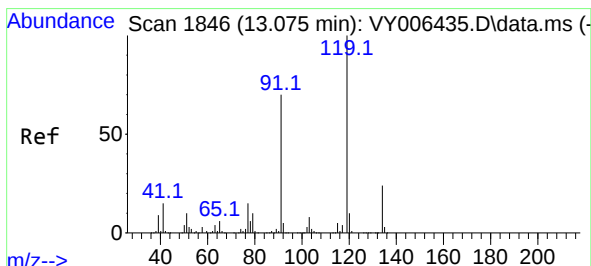
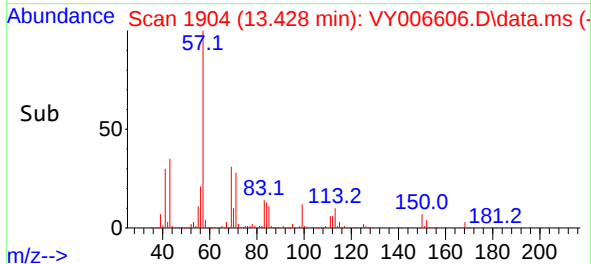
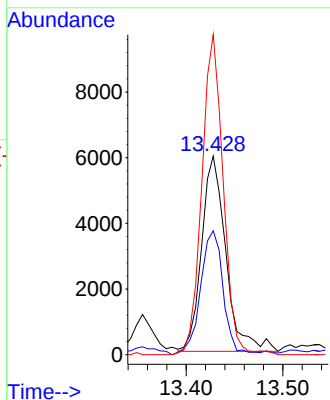
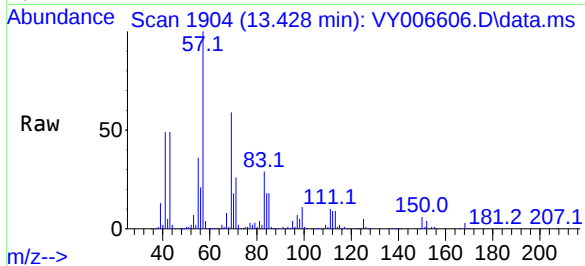




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 10415
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.5
150 143.0 0.0 348.2



#83
tert-Butylbenzene
Concen: 2561.071 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006606.D
Acq: 03 Nov 2021 16:44

Tgt Ion:119 Resp: 1342573
Ion Ratio Lower Upper
119 100
91 71.4 34.8 104.5
134 24.5 13.0 38.9

