

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006607.D
 Acq On : 03 Nov 2021 17:07
 Operator : SY/MD
 Sample : M4427-08RE
 Misc : 5.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-2-20211029-6.5-7RE

Quant Time: Nov 03 21:22:24 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)

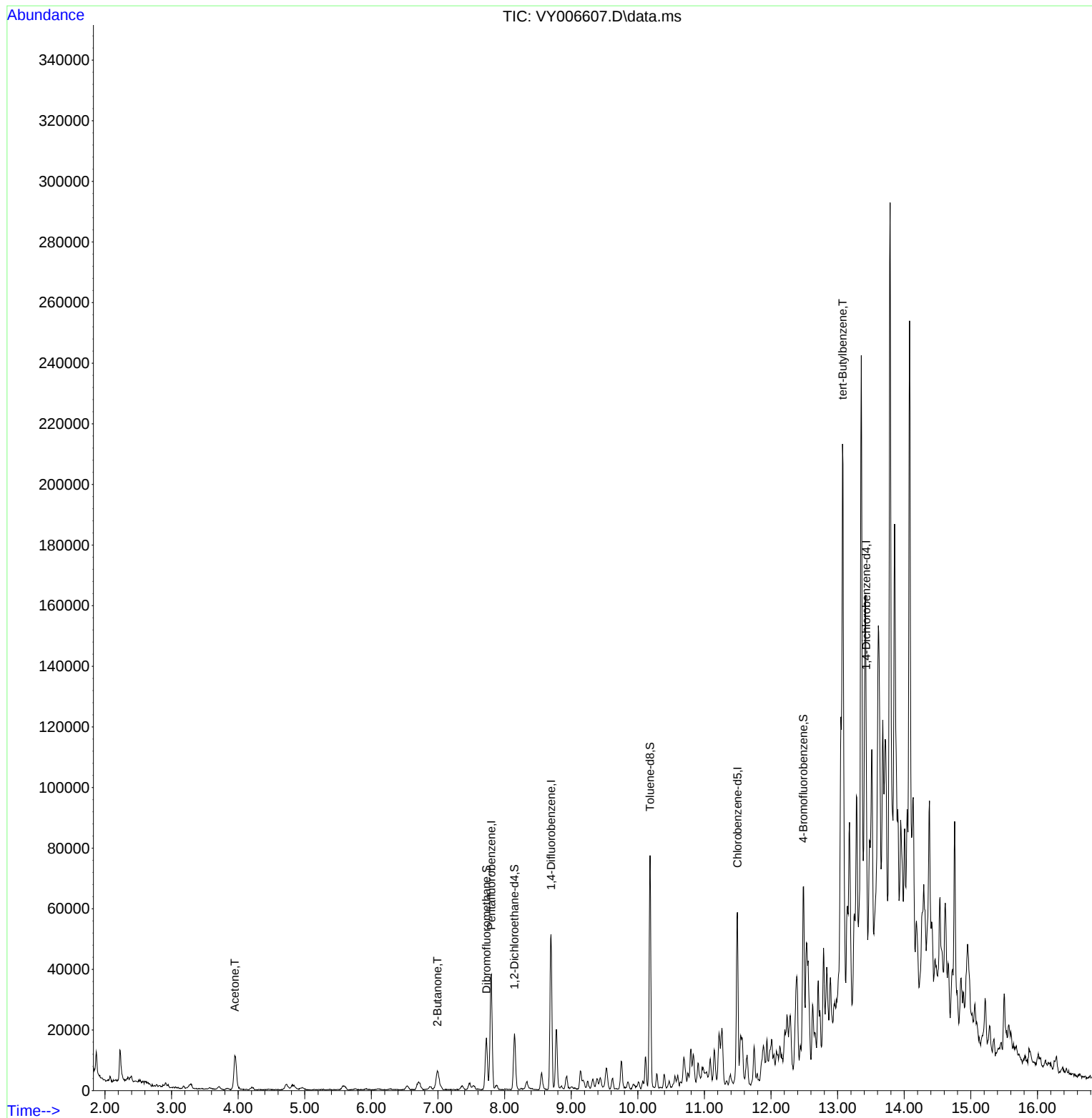
Internal Standards						
1) Pentafluorobenzene	7.801	168	28221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	26919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14550	41.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.800%
35) Dibromofluoromethane	7.728	113	11844	50.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.185	98	47711	48.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.483	95	8540	25.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.120%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	18499	184.995	ug/l	99
25) 2-Butanone	6.990	43	7188	54.868	ug/l #	86
83) tert-Butylbenzene	13.075	119	49946	249.573	ug/l	98

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

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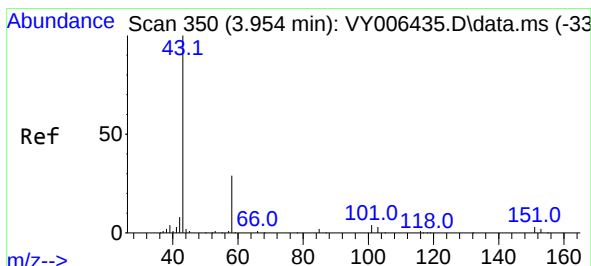
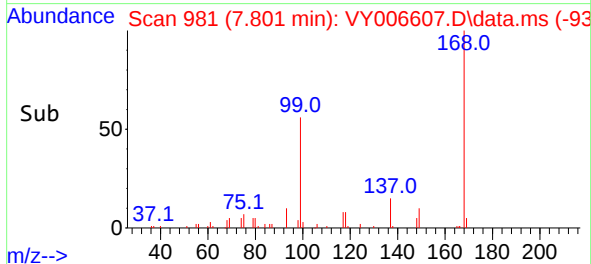
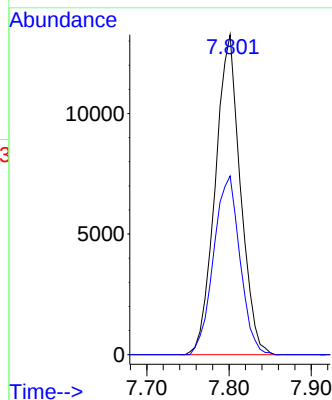
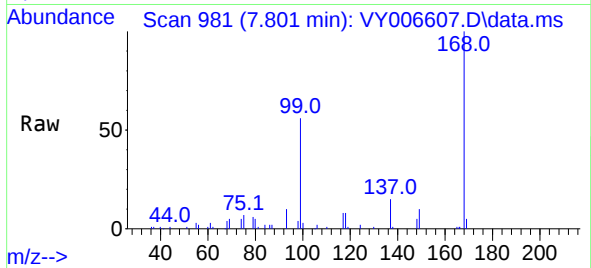




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

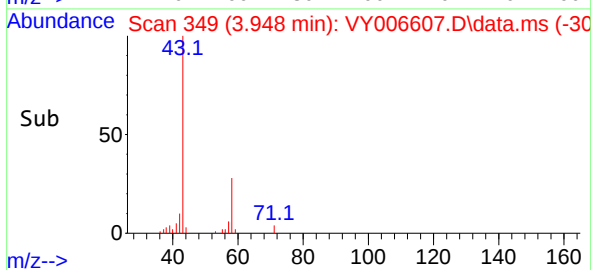
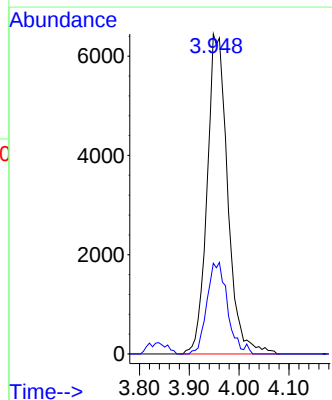
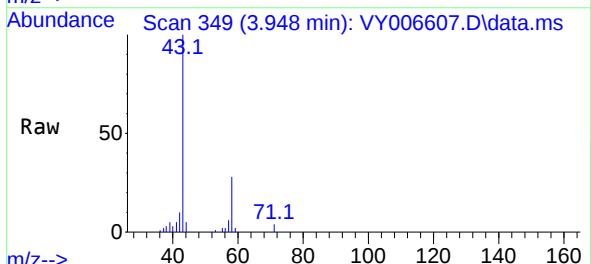
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7RE

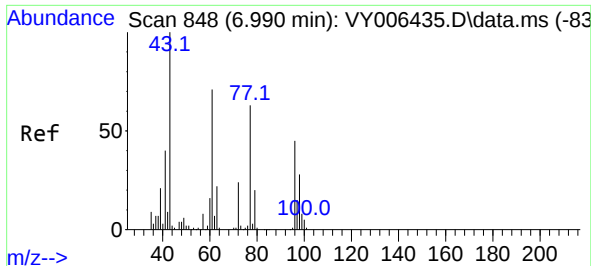
Tgt Ion:168 Resp: 28221
Ion Ratio Lower Upper
168 100
99 55.8 44.8 67.2



#16
Acetone
Concen: 184.995 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

Tgt Ion: 43 Resp: 18499
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3

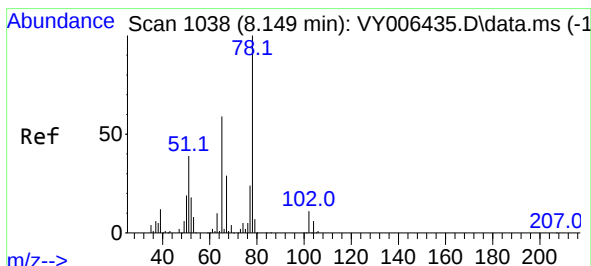
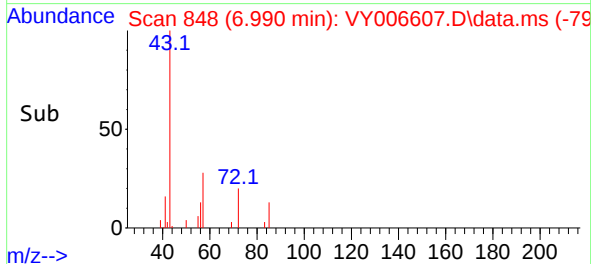
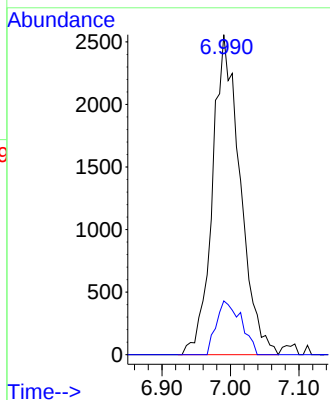
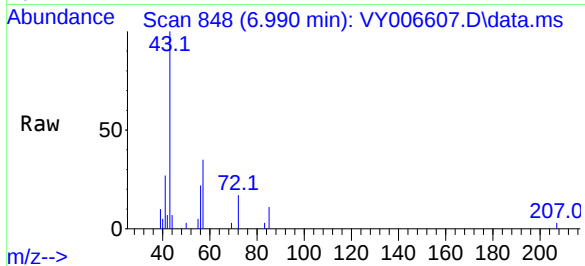




#25
2-Butanone
Concen: 54.868 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

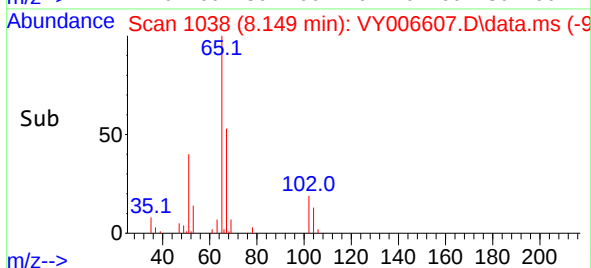
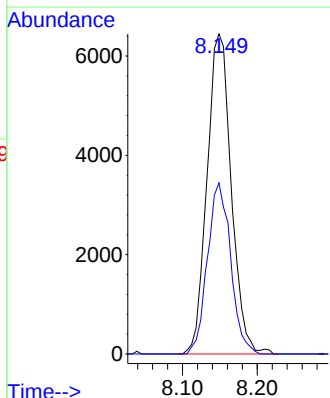
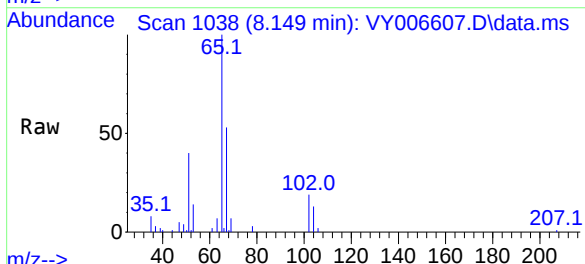
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7RE

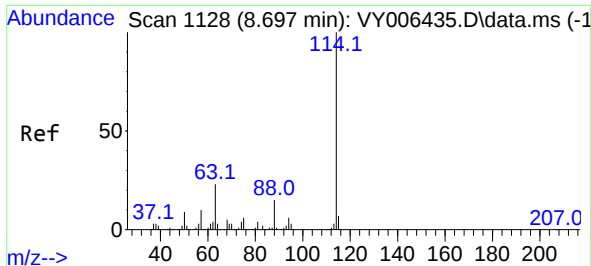
Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
72 16.8 18.9 28.3#



#33
1,2-Dichloroethane-d4
Concen: 41.897 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

Tgt Ion: 65 Resp: 14550
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.2

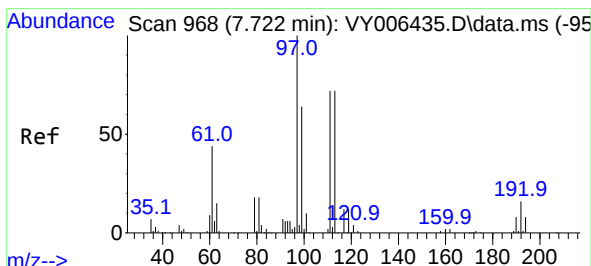
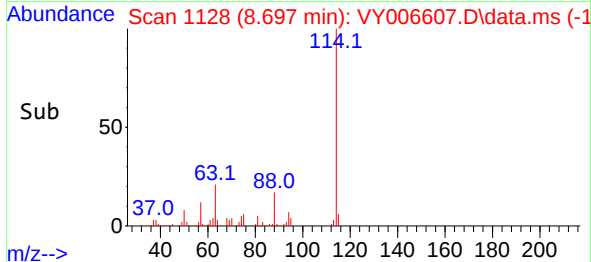
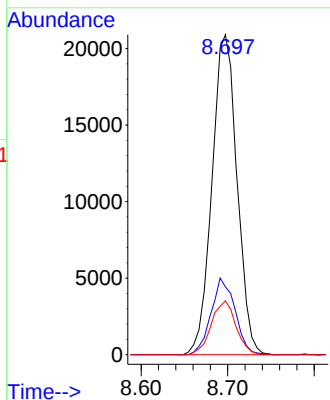
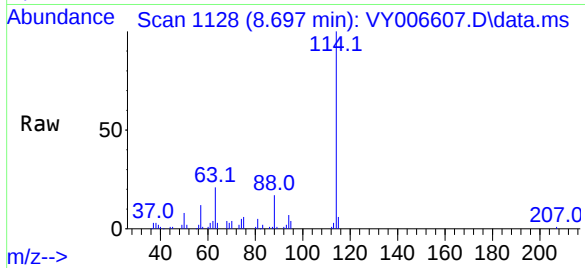




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

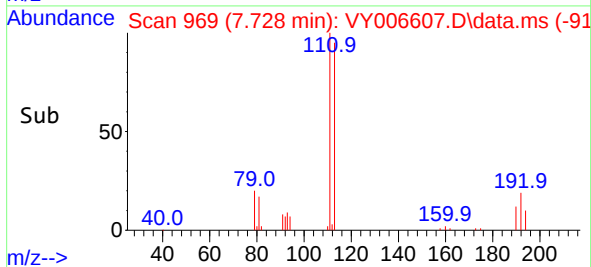
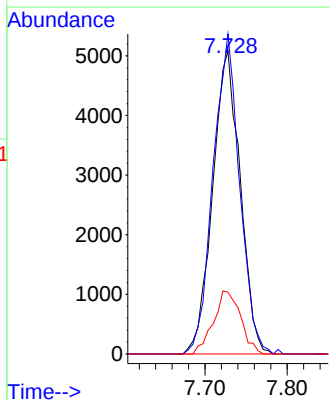
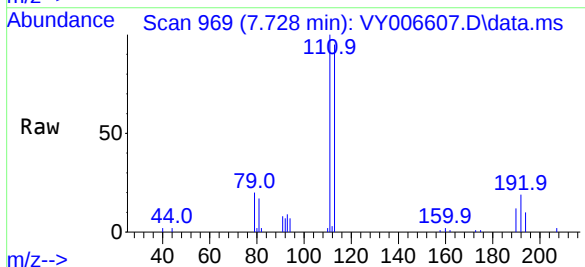
Instrument : MSVOA_Y
ClientSampleId : FDR-BH-2-20211029-6.5-7RE

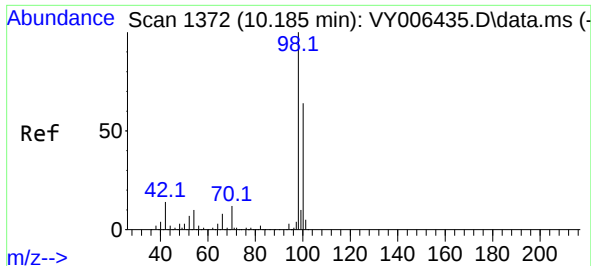
Tgt Ion:	114	Resp:	41977
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	45.0
88	16.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.622 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

Tgt Ion:	113	Resp:	11844
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	20.4	17.4	26.2

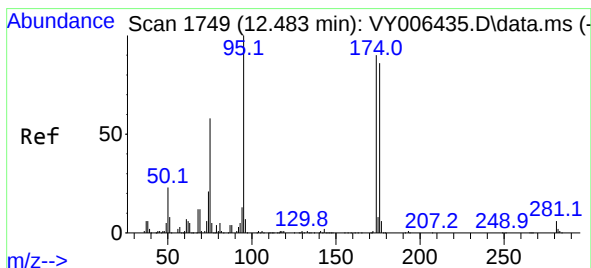
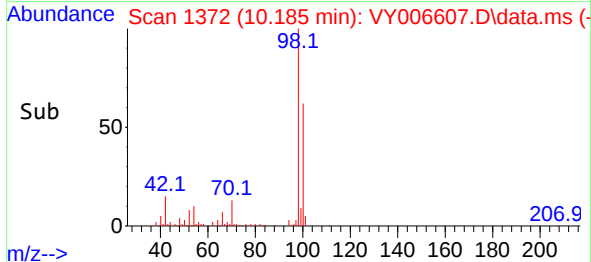
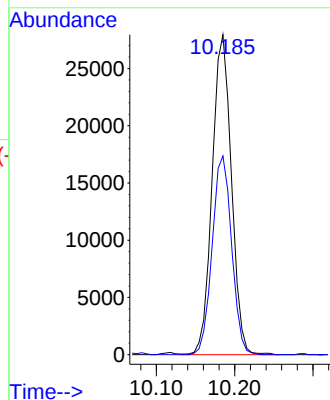
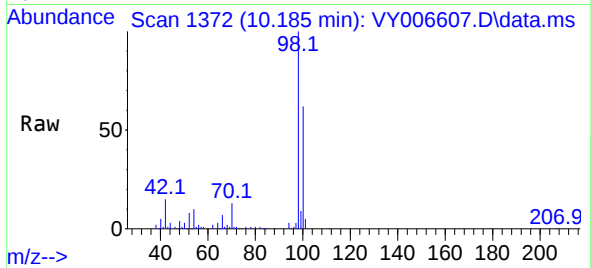




#50
Toluene-d8
Concen: 48.104 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

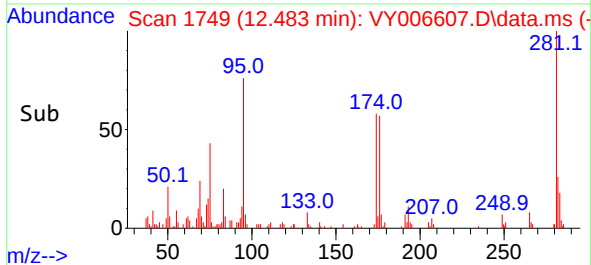
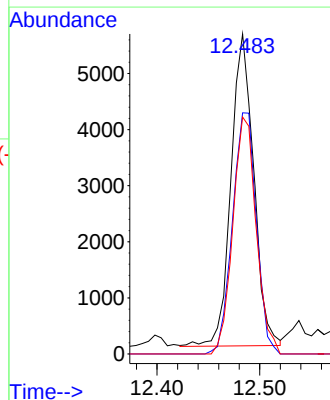
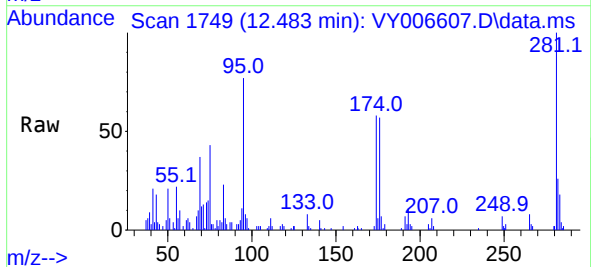
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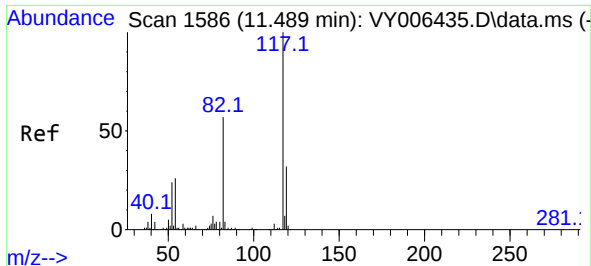
Tgt Ion: 98 Resp: 47711
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 25.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

Tgt Ion: 95 Resp: 8540
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 78.3 0.0 169.4

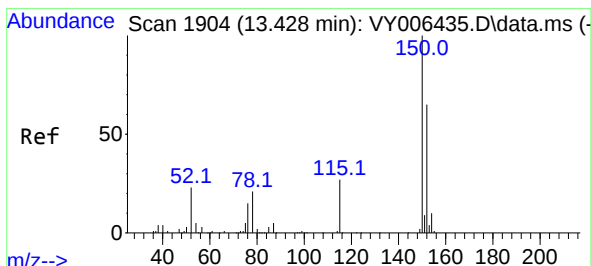
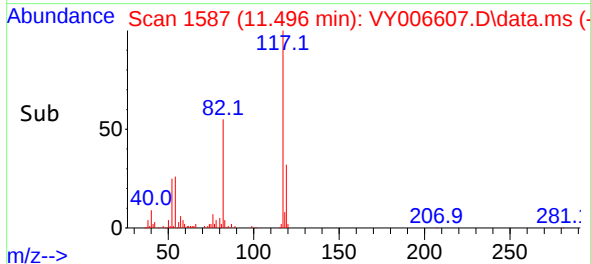
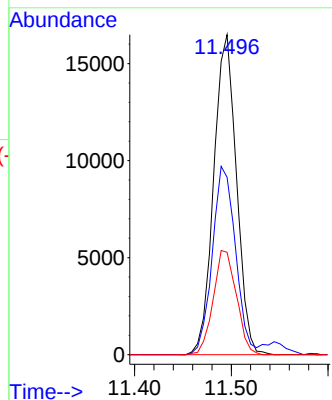
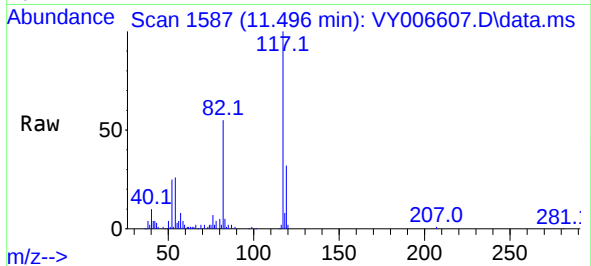




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

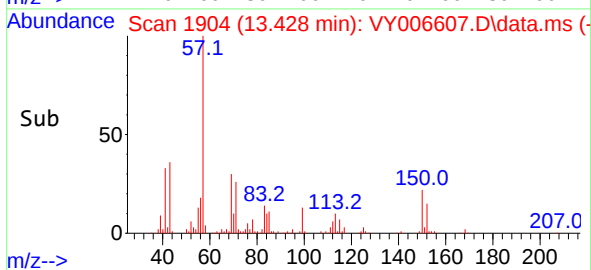
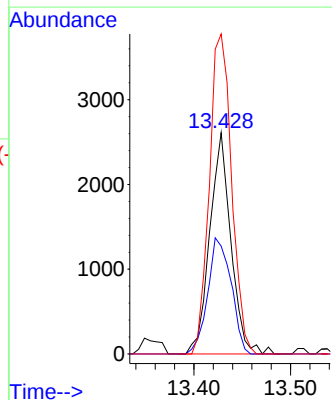
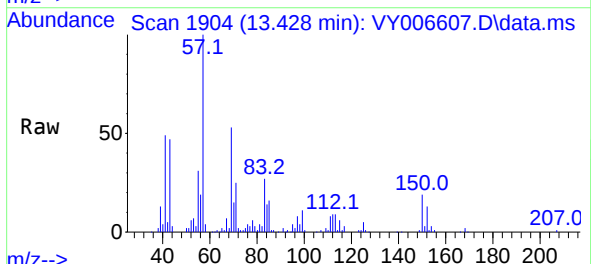
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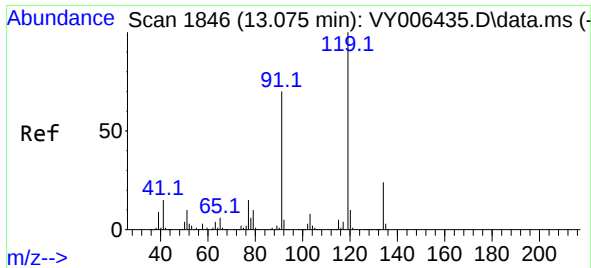
Tgt Ion:117	Resp:	26919
Ion	Ratio	Lower Upper
117	100	
82	55.4	45.7 68.5
119	32.0	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

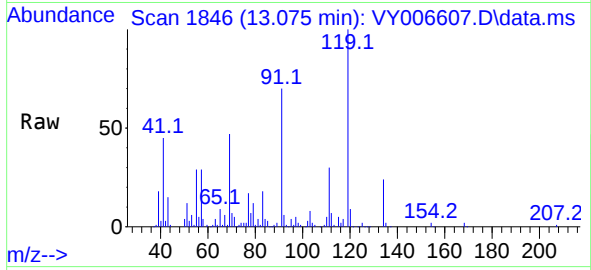
Tgt Ion:152	Resp:	3976
Ion	Ratio	Lower Upper
152	100	
115	57.8	28.5 85.5
150	151.9	0.0 348.2





#83
tert-Butylbenzene
Concen: 249.573 ug/l
RT: 13.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006607.D
Acq: 03 Nov 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7RE



Tgt Ion:	119	Resp:	49946
Ion	Ratio	Lower	Upper
119	100		
91	71.3	34.8	104.5
134	24.2	13.0	38.9

