

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006469.D
 Acq On : 25 Oct 2021 16:14
 Operator : SY/MD
 Sample : M4313-03RE
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3990RE

Quant Time: Oct 26 02:45:02 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)

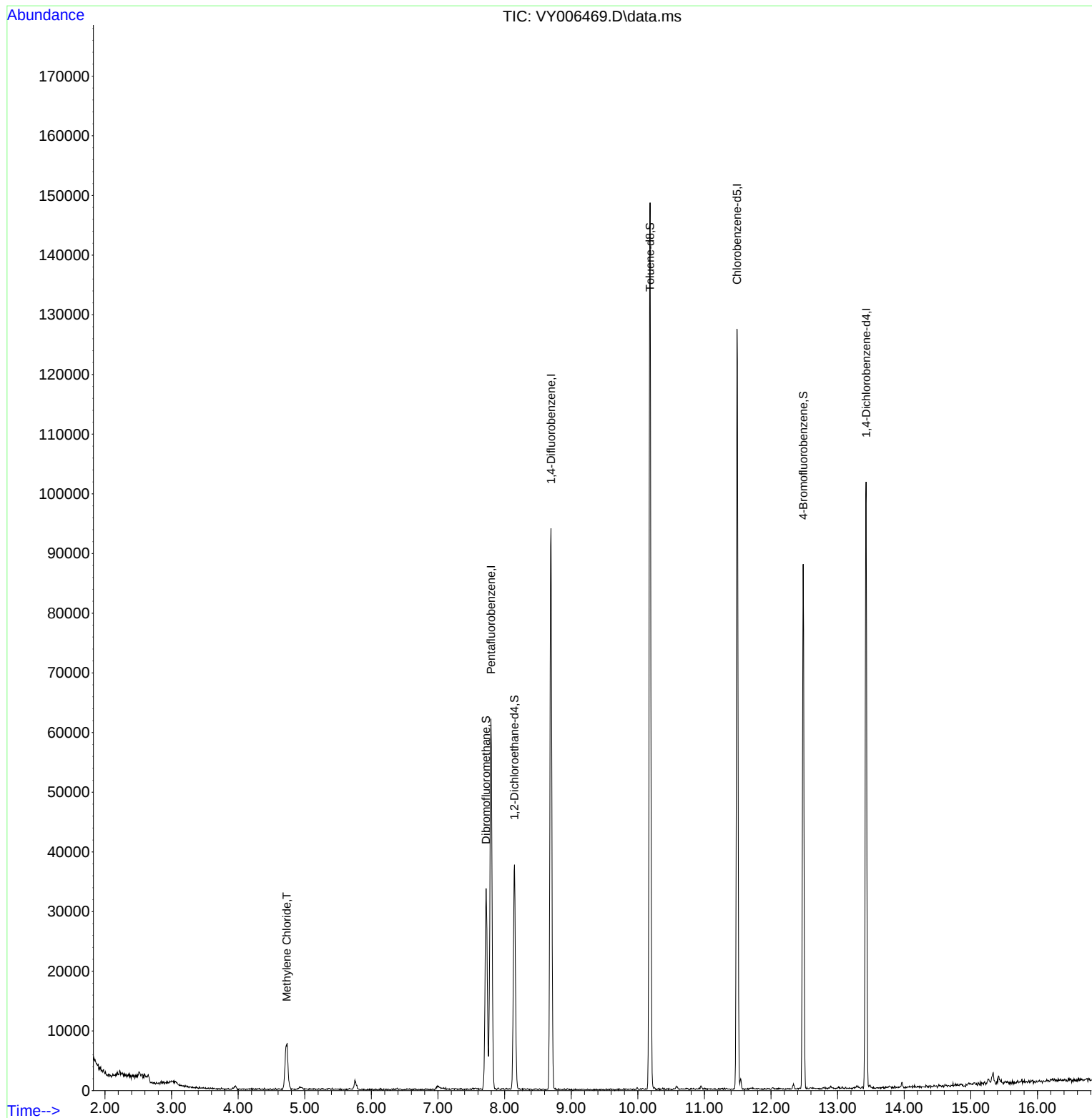
Internal Standards						
1) Pentafluorobenzene	7.795	168	46640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	74375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	30643	53.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.780%	
35) Dibromofluoromethane	7.722	113	21879	52.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.560%	
50) Toluene-d8	10.185	98	94063	53.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.483	95	24325	41.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.180%	
Target Compounds						
20) Methylene Chloride	4.728	84	5436	7.143	ug/l	Qvalue 89

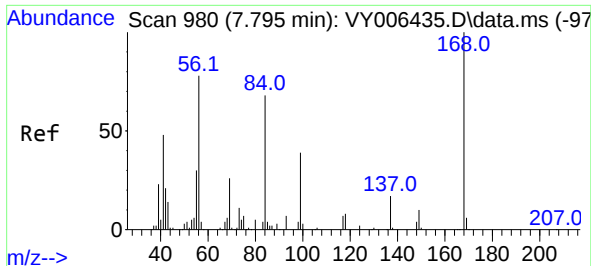
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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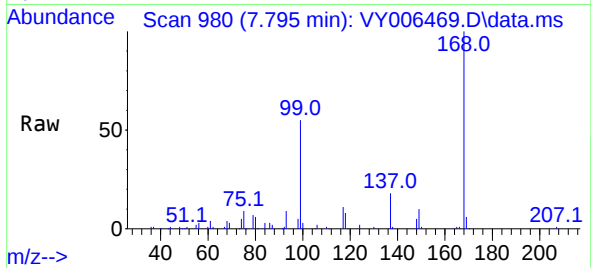
Quant Time: Oct 26 02:45:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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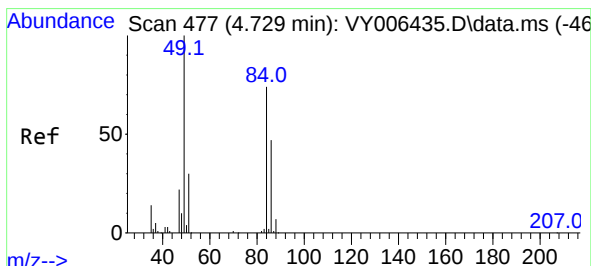
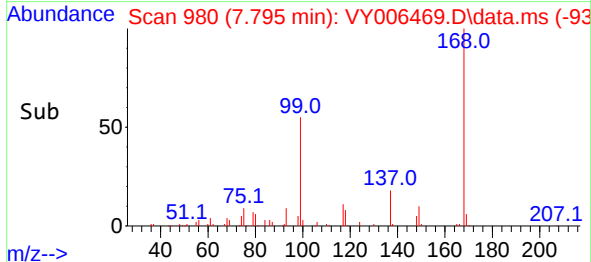
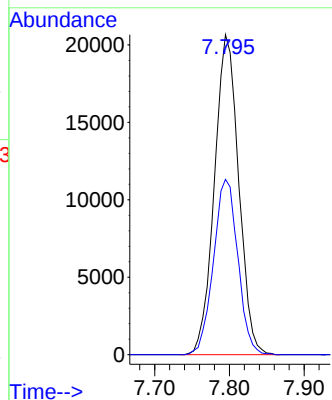


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

Instrument :
MSVOA_Y
ClientSampleId :
3990RE

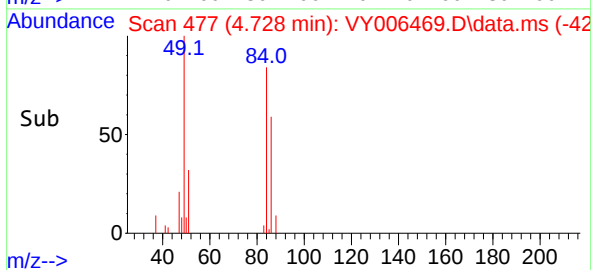
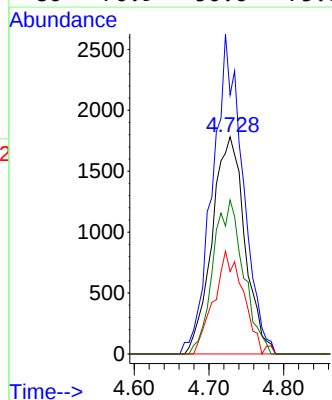
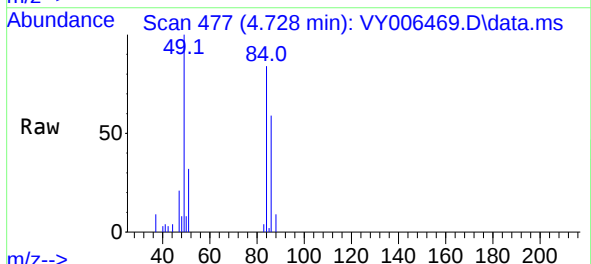


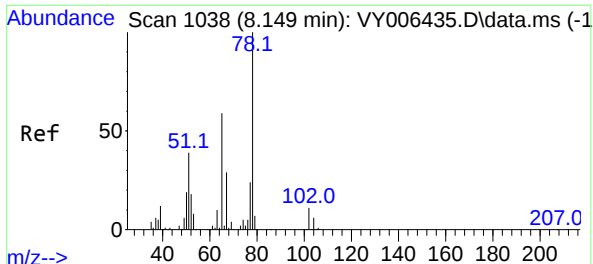
Tgt Ion:168 Resp: 46640
Ion Ratio Lower Upper
168 100
99 54.8 44.8 67.2



#20
Methylene Chloride
Concen: 7.143 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

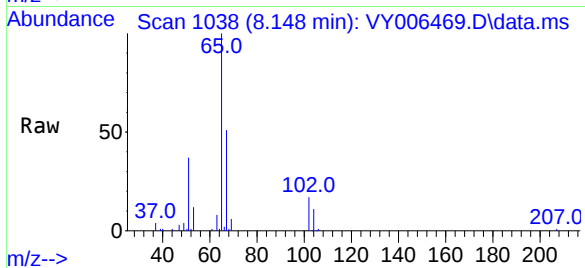
Tgt Ion: 84 Resp: 5436
Ion Ratio Lower Upper
84 100
49 119.3 107.8 161.8
51 38.0 32.8 49.2
86 70.9 50.6 75.8



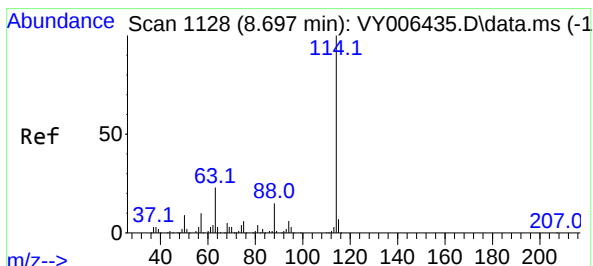
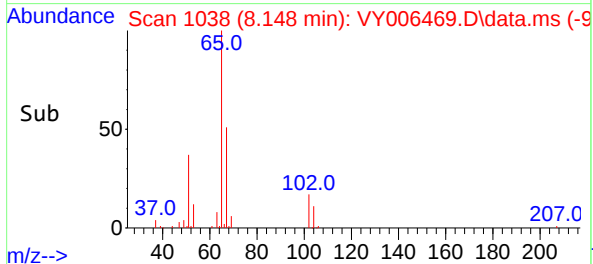
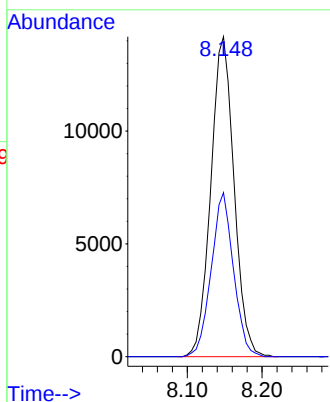


#33
1,2-Dichloroethane-d4
Concen: 53.391 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

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3990RE

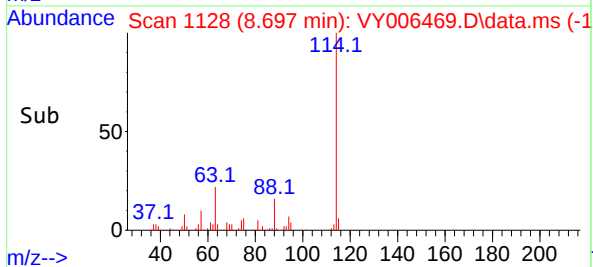
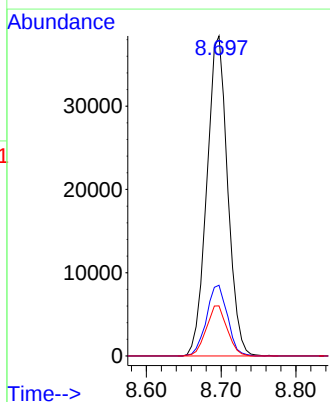
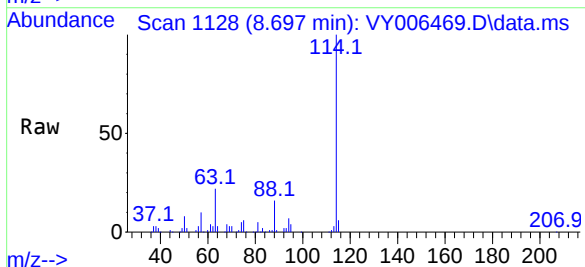


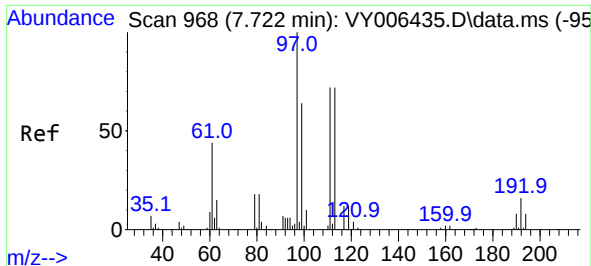
Tgt Ion: 65 Resp: 30643
Ion Ratio Lower Upper
65 100
67 49.1 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

Tgt Ion: 114 Resp: 74375
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.6 0.0 30.6

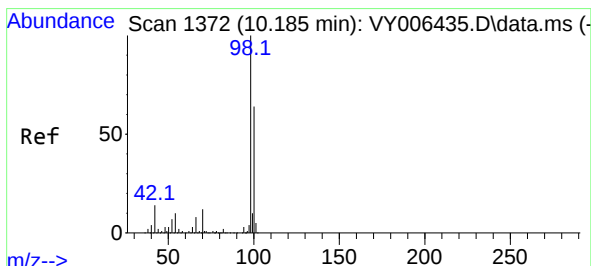
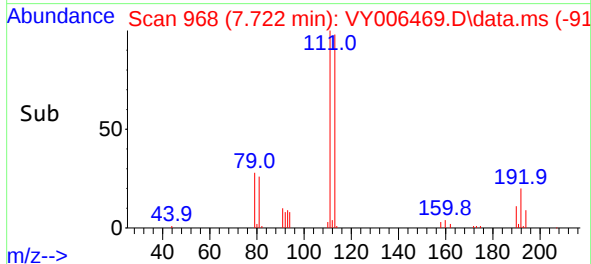
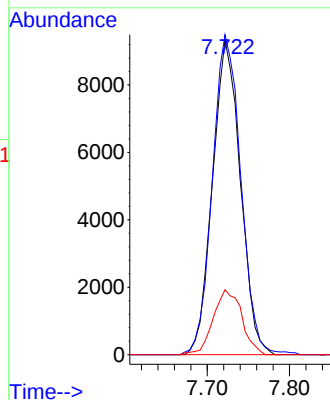
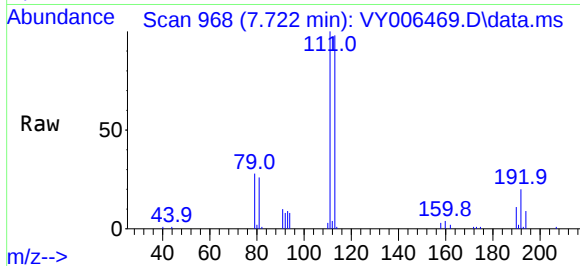




#35
Dibromofluoromethane
Concen: 52.778 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

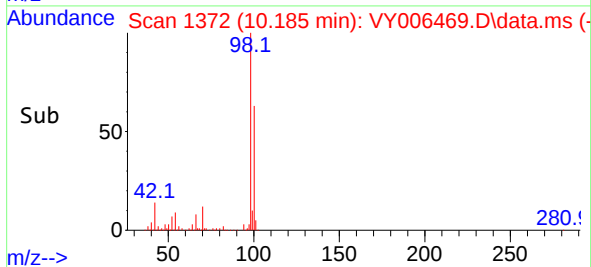
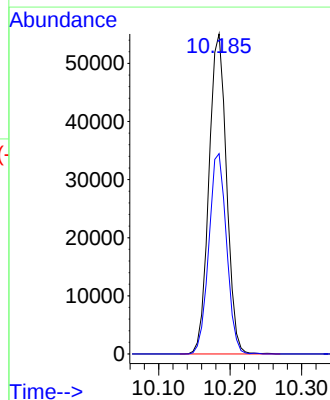
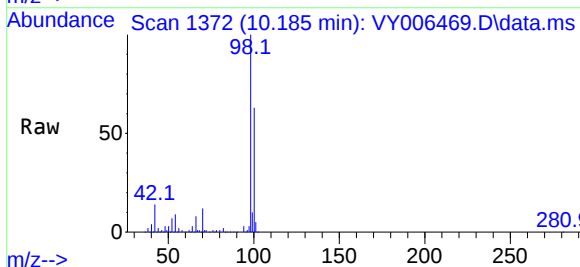
Instrument :
MSVOA_Y
ClientSampleId :
3990RE

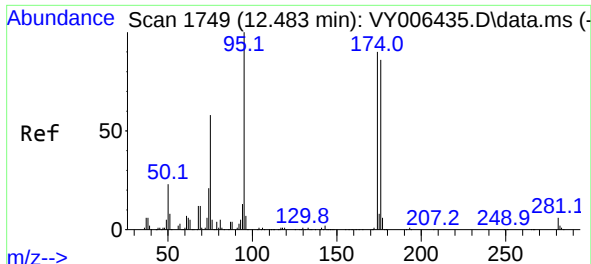
Tgt Ion:	113	Resp:	21879
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	21.2	17.4	26.2



#50
Toluene-d8
Concen: 53.526 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

Tgt Ion:	98	Resp:	94063
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3

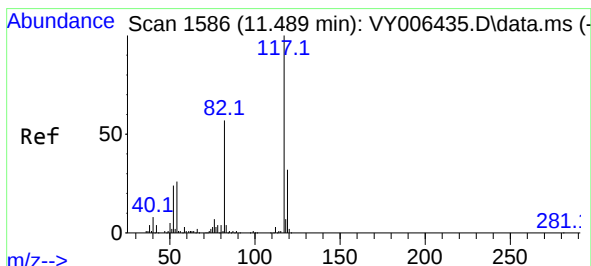
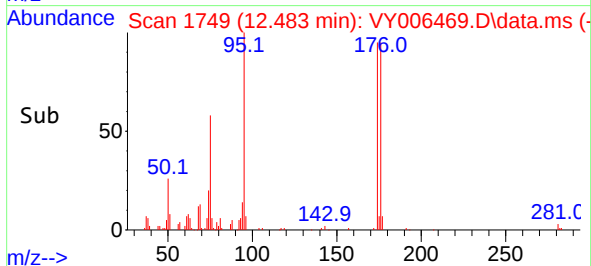
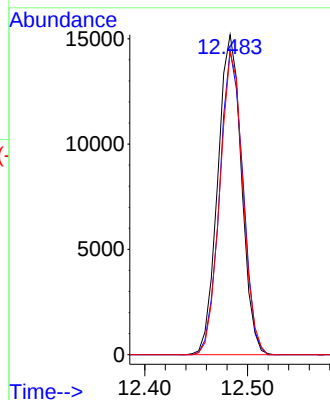
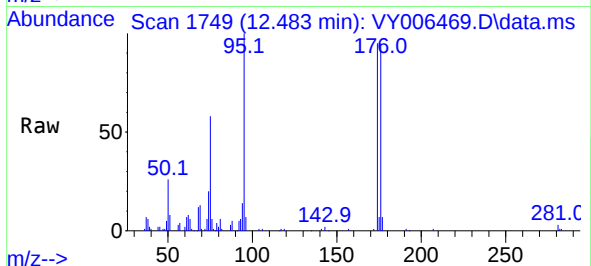




#62
4-Bromofluorobenzene
Concen: 41.092 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

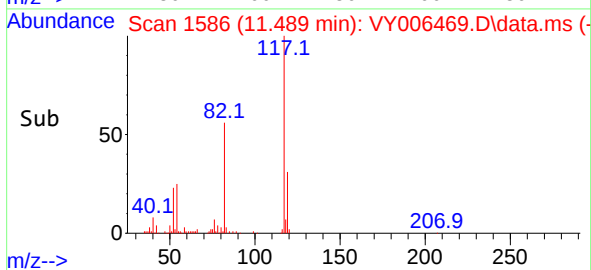
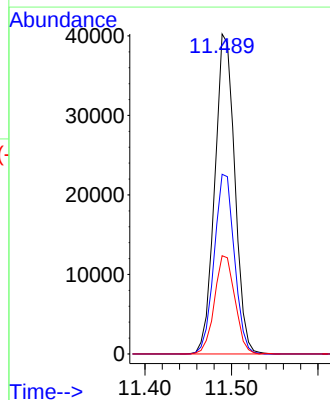
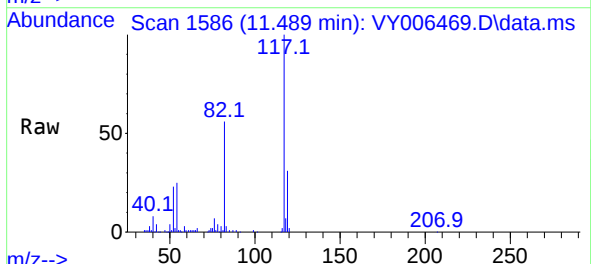
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Tgt Ion:	95	Resp:	24325
Ion Ratio	Lower	Upper	
95	100		
174	92.9	0.0	177.0
176	91.6	0.0	169.4

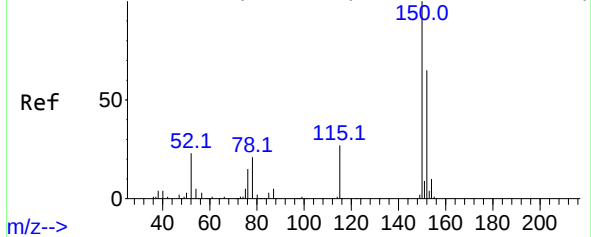


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

Tgt Ion:	117	Resp:	64619
Ion Ratio	Lower	Upper	
117	100		
82	56.2	45.7	68.5
119	30.7	25.5	38.3



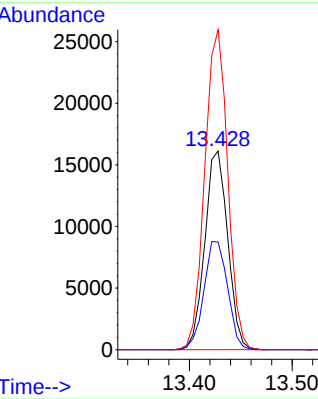
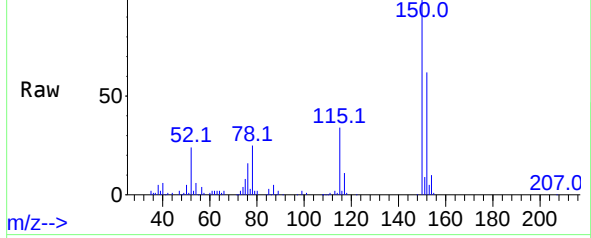
Abundance Scan 1904 (13.428 min): VY006435.D\data.ms (-



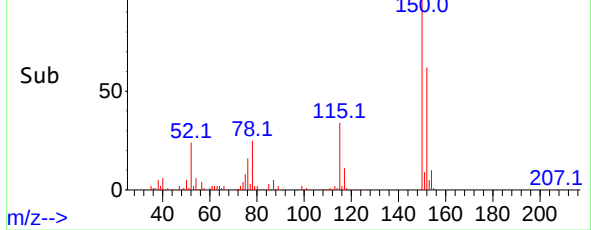
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006469.D
Acq: 25 Oct 2021 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.5	85.5
150	160.9	0.0	348.2

Abundance Scan 1904 (13.428 min): VY006469.D\data.ms



Abundance Scan 1904 (13.428 min): VY006469.D\data.ms (-



Instrument :
MSVOA_Y
ClientSampleId :
3990RE