

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009969.D
 Acq On : 11 Aug 2022 17:19
 Operator : KP/MD
 Sample : N4084-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSHED-AGGREGATE-PILE-ARE

Quant Time: Aug 12 02:49:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

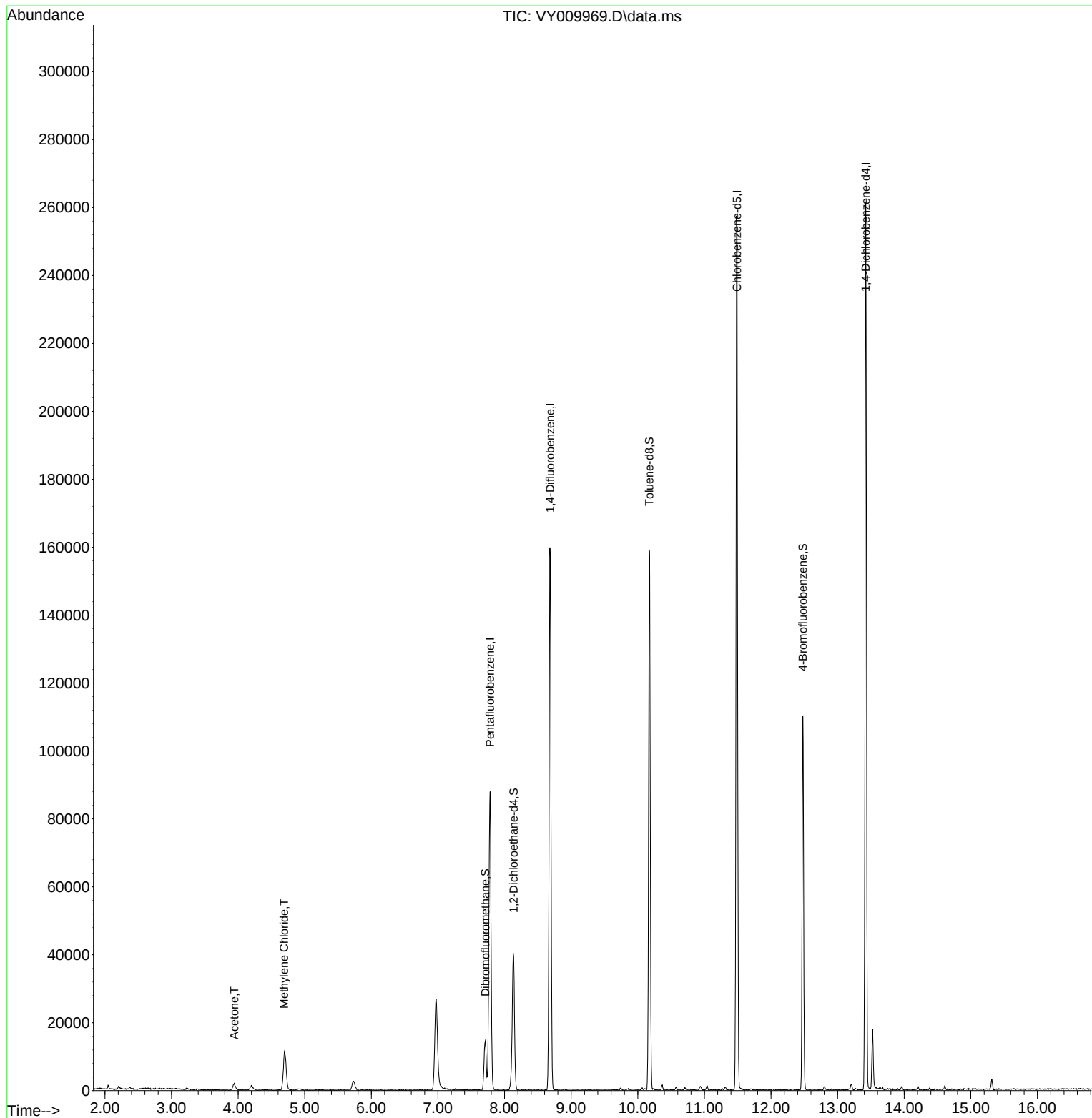
Internal Standards						
1) Pentafluorobenzene	7.783	168	66002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	29068	57.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.940%
35) Dibromofluoromethane	7.710	113	10788	13.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	27.600%#
50) Toluene-d8	10.173	98	100503	43.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.360%
62) 4-Bromofluorobenzene	12.477	95	32772	29.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.640%
Target Compounds						
16) Acetone	3.942	43	3514	21.163	ug/l	97
20) Methylene Chloride	4.692	84	8305	6.430	ug/l	98

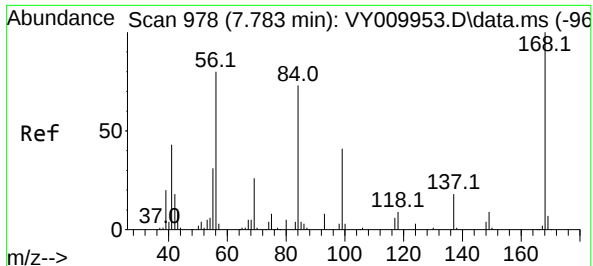
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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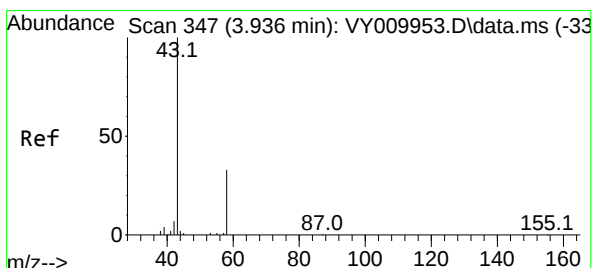
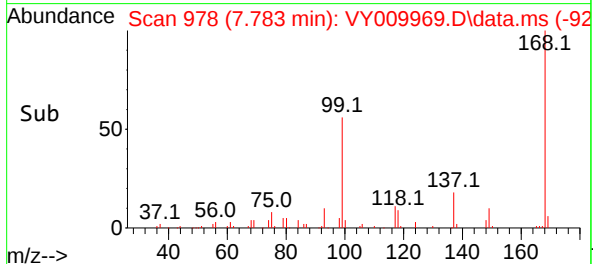
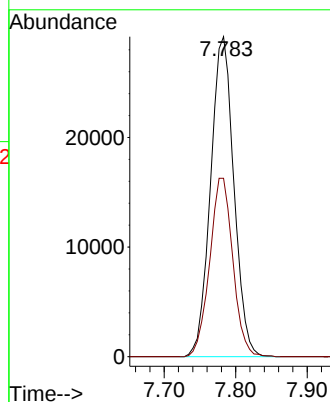
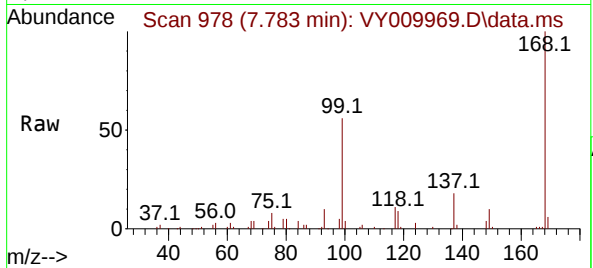




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

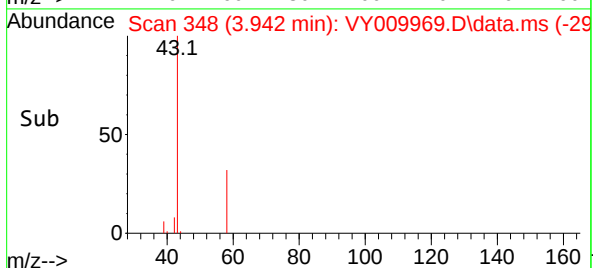
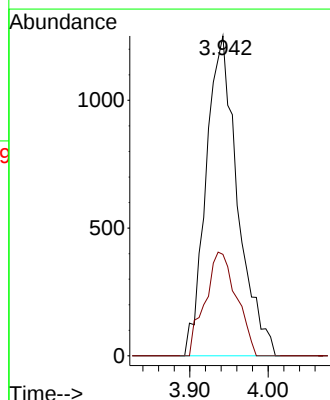
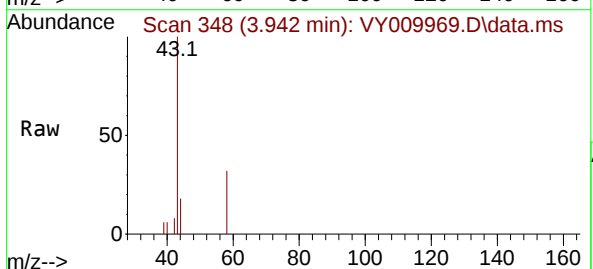
Instrument :
MSVOA_Y
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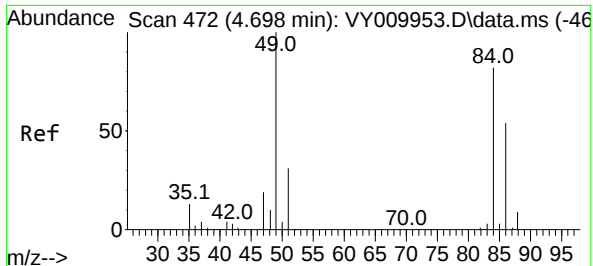
Tgt Ion:168 Resp: 66002
Ion Ratio Lower Upper
168 100
99 55.7 42.1 63.1



#16
Acetone
Concen: 21.163 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 31.7 24.0 36.0

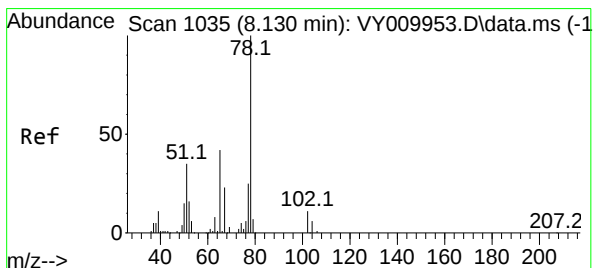
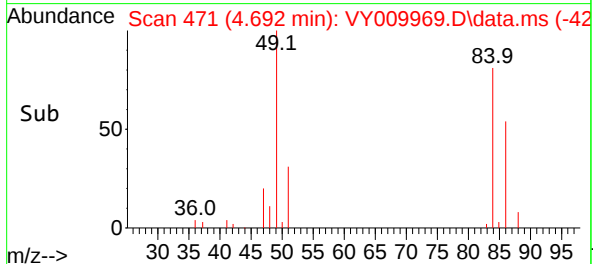
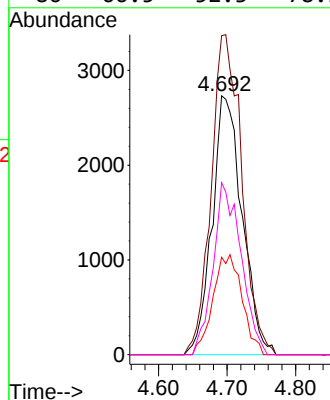
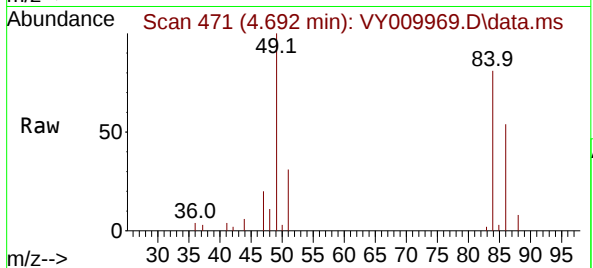




#20
Methylene Chloride
Concen: 6.430 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

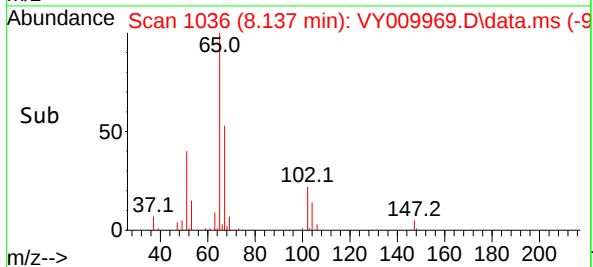
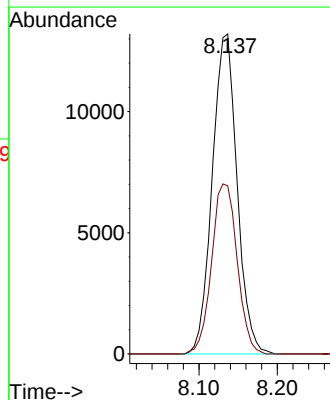
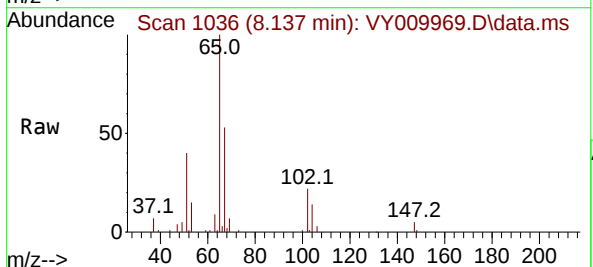
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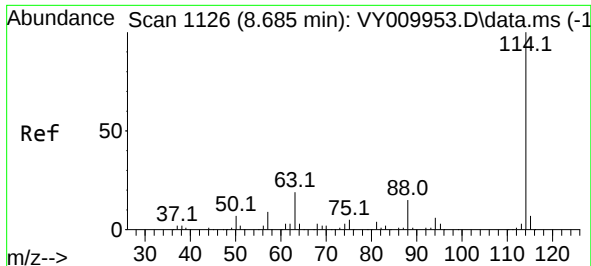
Tgt Ion:	84	Resp:	8305
Ion	Ratio	Lower	Upper
84	100		
49	123.2	98.2	147.4
51	37.7	33.4	50.0
86	66.5	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 57.472 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

Tgt Ion:	65	Resp:	29068
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.4

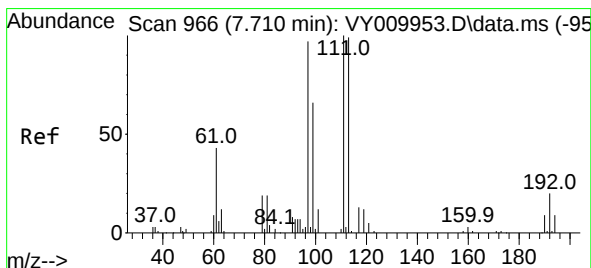
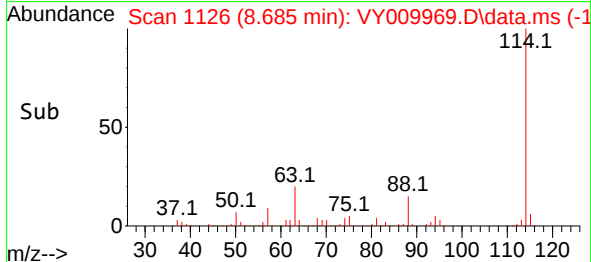
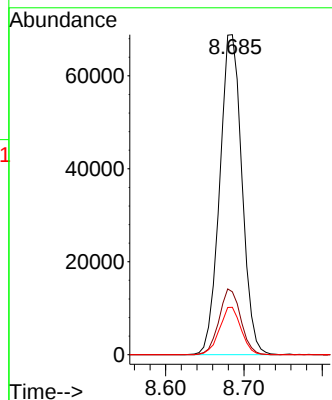
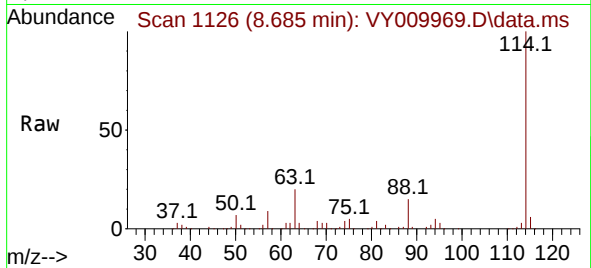




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

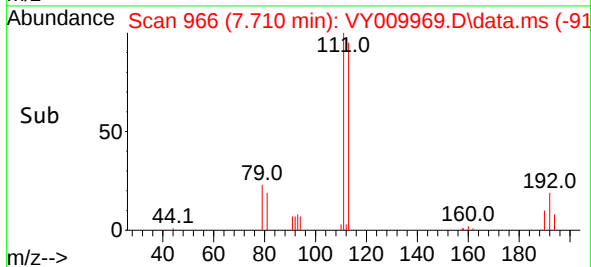
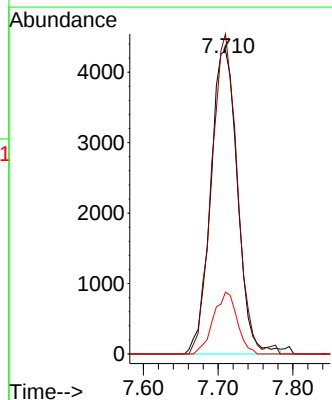
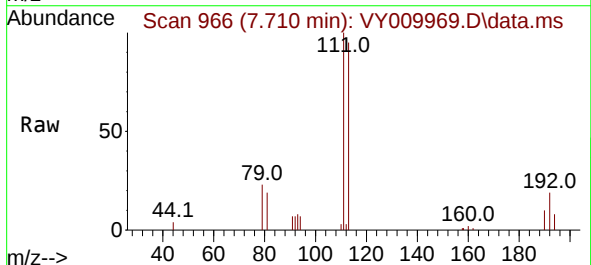
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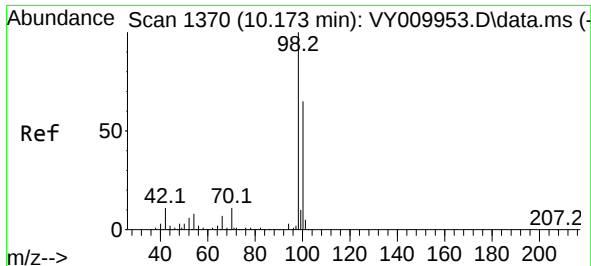
Tgt Ion:114 Resp: 135848
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.0
88 14.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 13.802 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

Tgt Ion:113 Resp: 10788
Ion Ratio Lower Upper
113 100
111 99.5 80.6 120.8
192 17.9 16.2 24.4

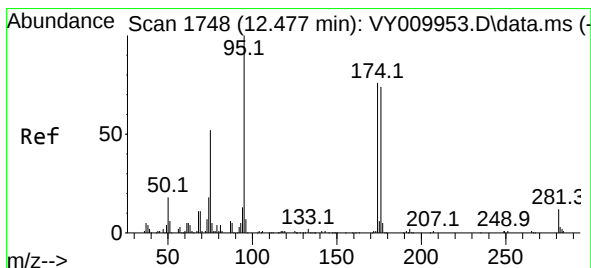
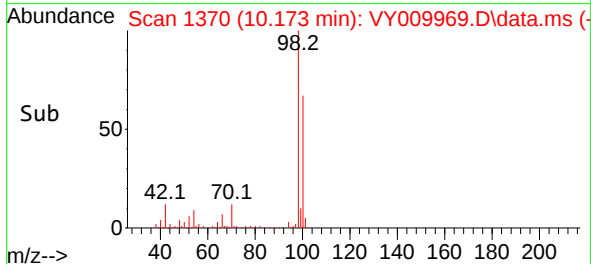
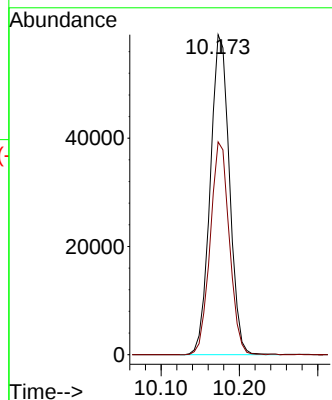
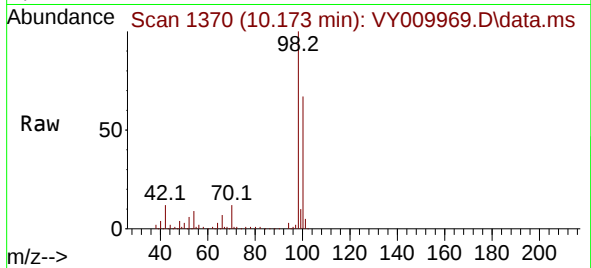




#50
Toluene-d8
Concen: 43.175 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

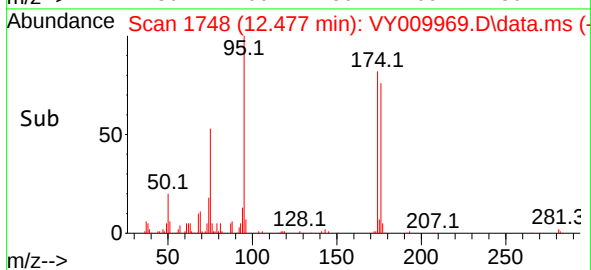
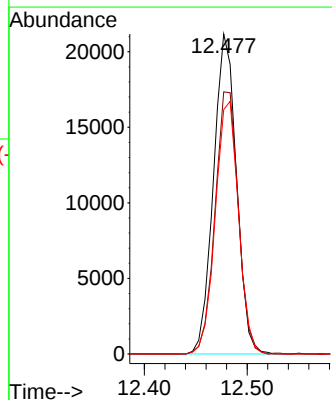
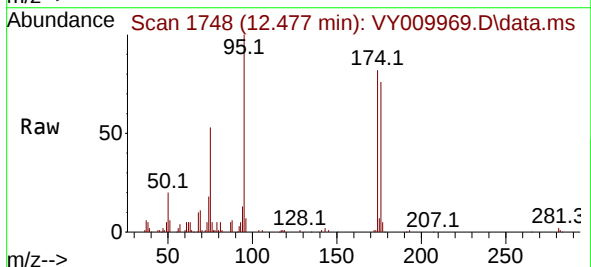
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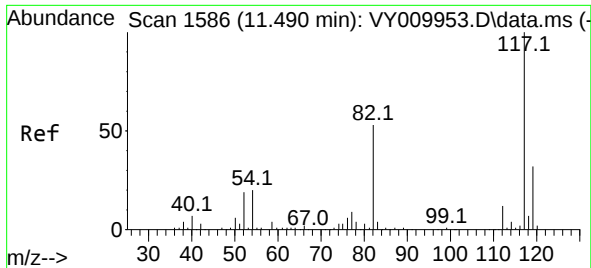
Tgt Ion: 98 Resp: 100503
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.824 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

Tgt Ion: 95 Resp: 32772
Ion Ratio Lower Upper
95 100
174 83.4 0.0 173.8
176 79.7 0.0 167.0

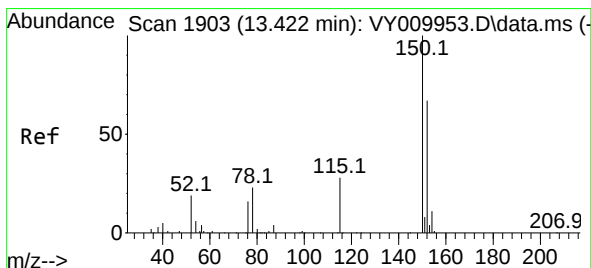
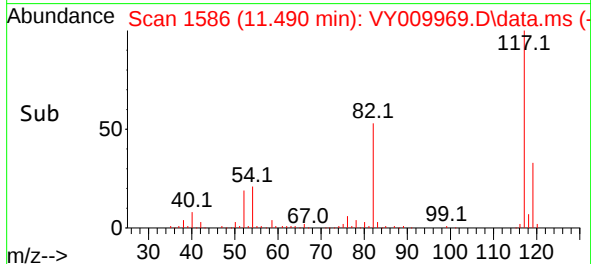
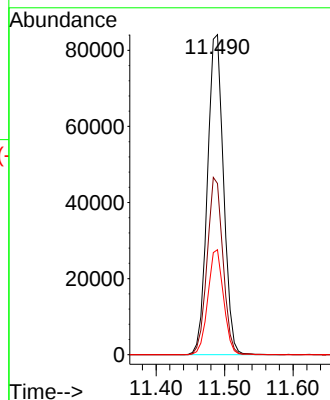
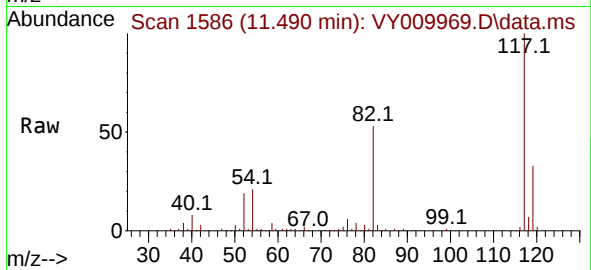




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
RECOVERED-CRUSHED-AGGREGATE-PILE-ARE

Tgt Ion:117 Resp: 137153
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009969.D
Acq: 11 Aug 2022 17:19

Tgt Ion:152 Resp: 63203
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 156.8 0.0 349.8

