

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011341.D
 Acq On : 07 Nov 2022 17:33
 Operator : KP/MD
 Sample : N5378-02
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-20221028-10.5-11.5

Quant Time: Nov 08 03:30:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

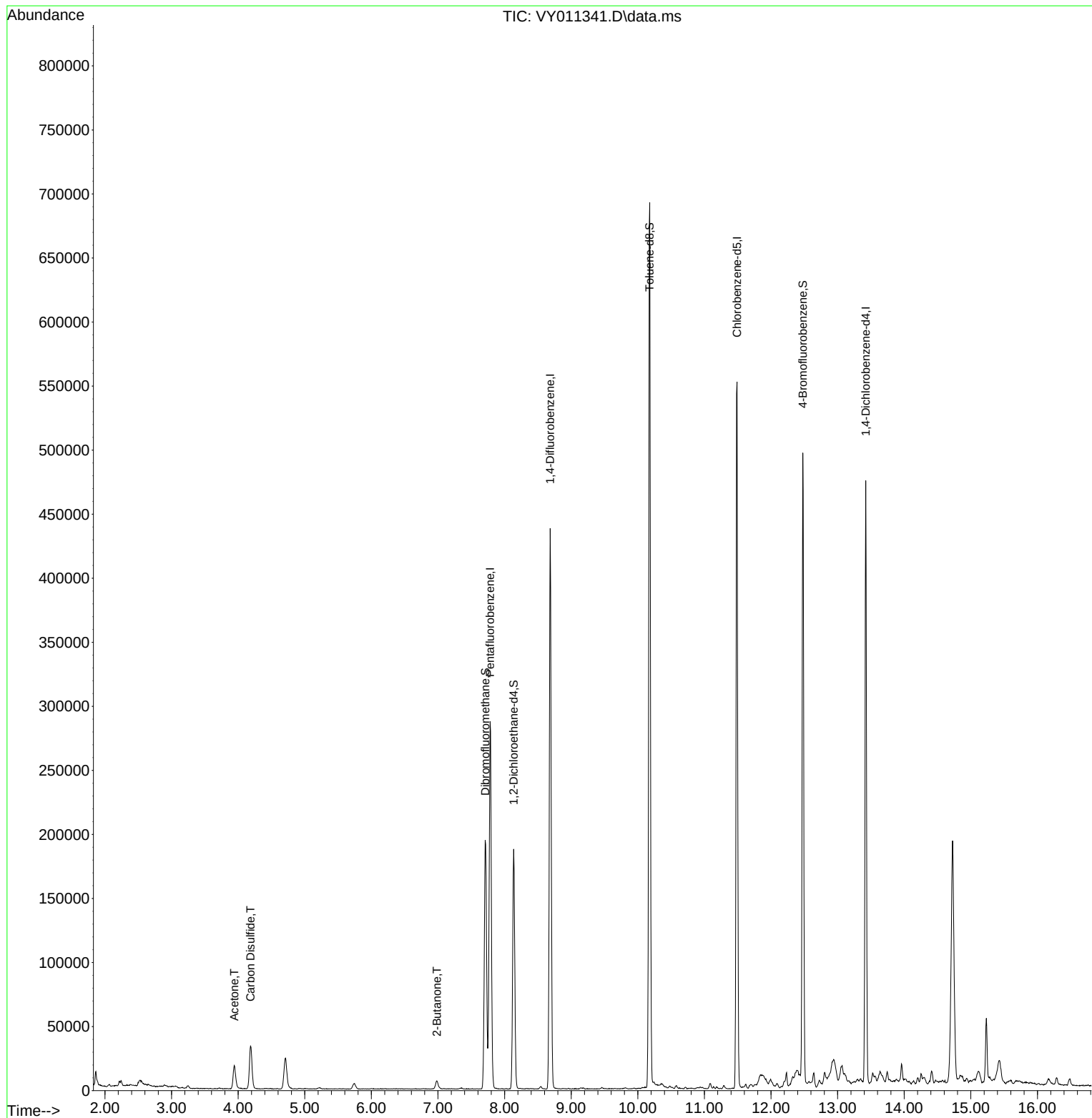
Internal Standards						
1) Pentafluorobenzene	7.783	168	229756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141472	57.573	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	115.140%	
35) Dibromofluoromethane	7.710	113	144080	58.130	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	116.260%	
50) Toluene-d8	10.179	98	476223	49.486	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.980%	
62) 4-Bromofluorobenzene	12.477	95	155682	46.600	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	31227	42.099	ug/l #	85
17) Carbon Disulfide	4.186	76	72034	8.776	ug/l	98
25) 2-Butanone	6.984	43	9136	8.754	ug/l #	71

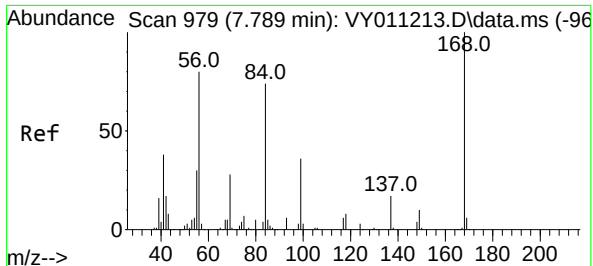
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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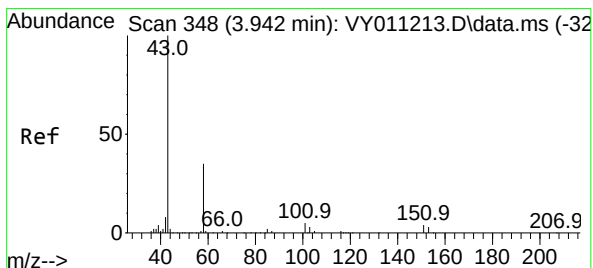
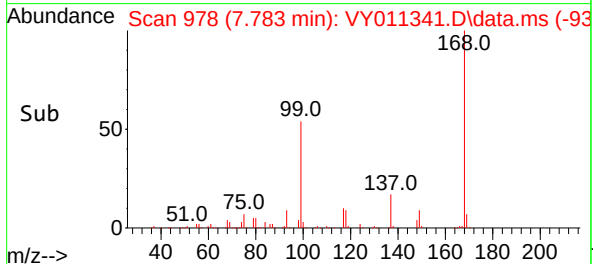
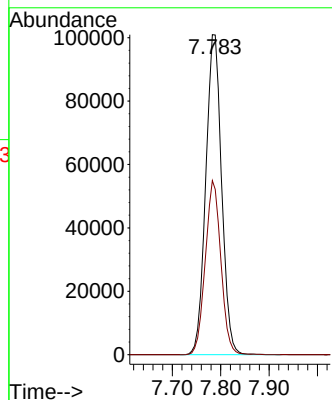
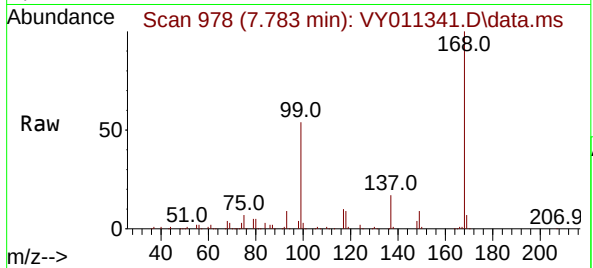




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

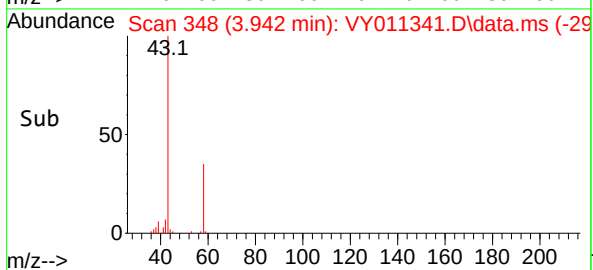
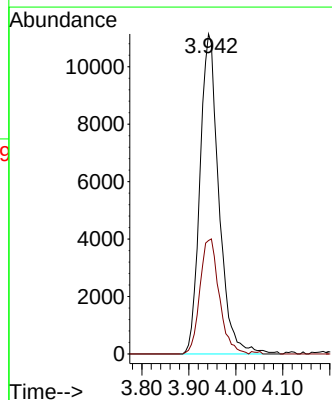
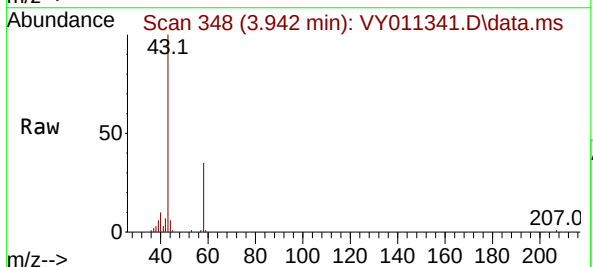
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-10.5-11.5

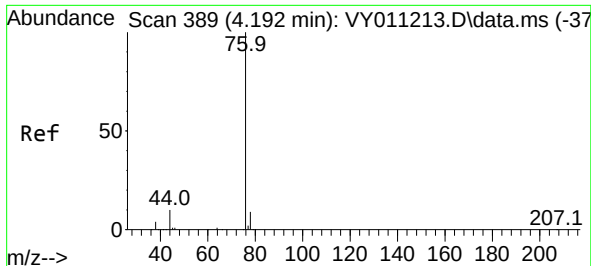
Tgt Ion:168 Resp: 229756
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 42.099 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

Tgt Ion: 43 Resp: 31227
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#

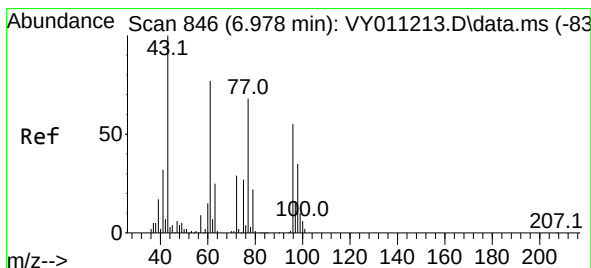
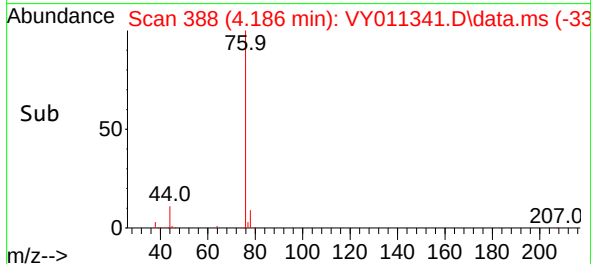
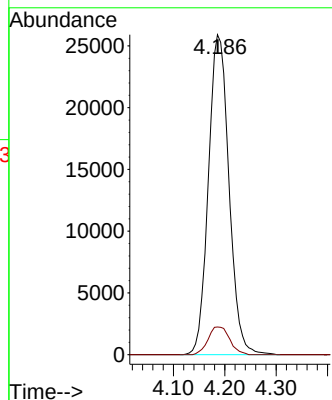
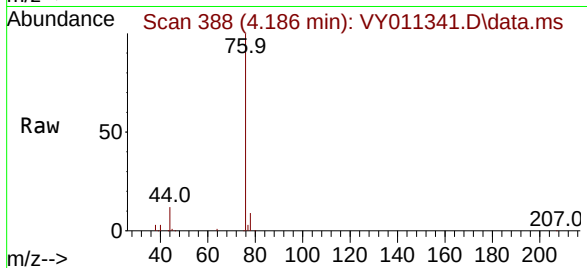




#17
Carbon Disulfide
Concen: 8.776 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

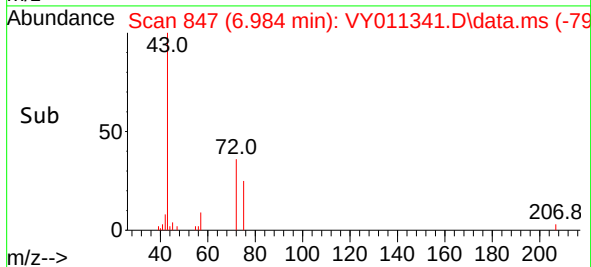
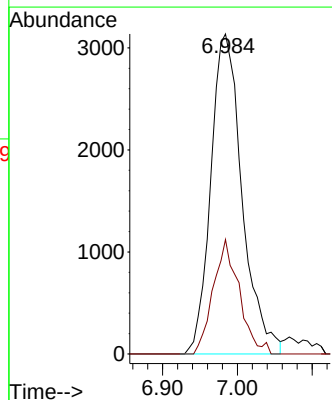
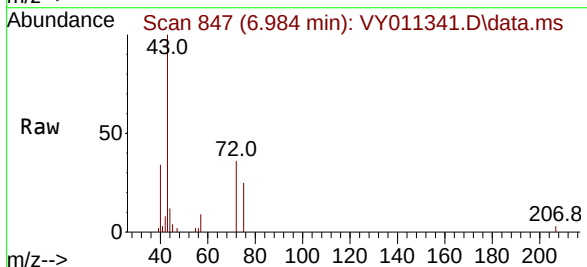
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-20221028-10.5-11.5

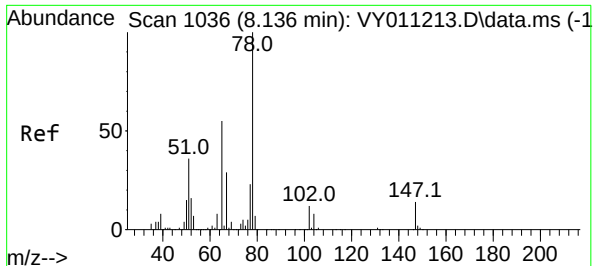
Tgt Ion: 76 Resp: 72034
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#25
2-Butanone
Concen: 8.754 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

Tgt Ion: 43 Resp: 9136
Ion Ratio Lower Upper
43 100
72 35.8 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 57.573 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011341.D

Acq: 07 Nov 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

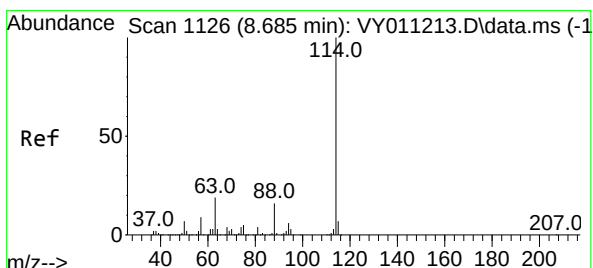
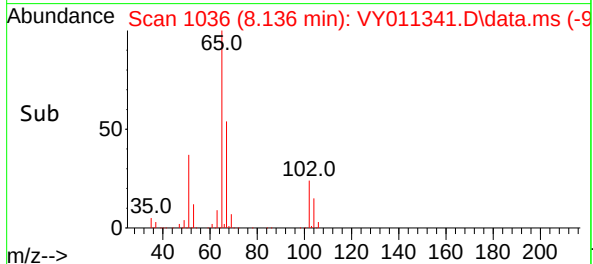
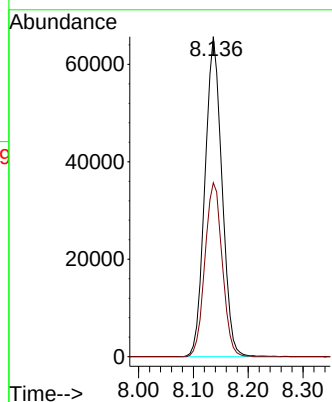
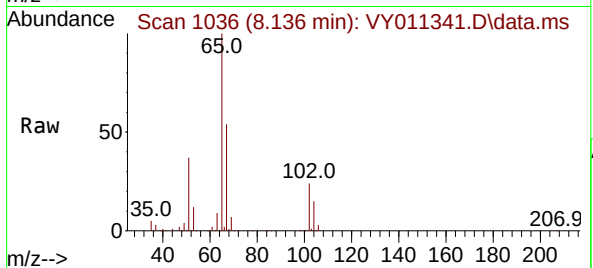
SB-16-20221028-10.5-11.5

Tgt Ion: 65 Resp: 141472

Ion Ratio Lower Upper

65 100

67 55.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011341.D

Acq: 07 Nov 2022 17:33

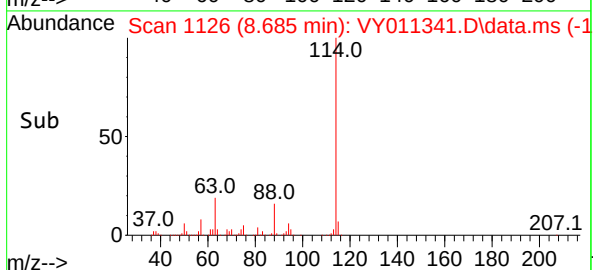
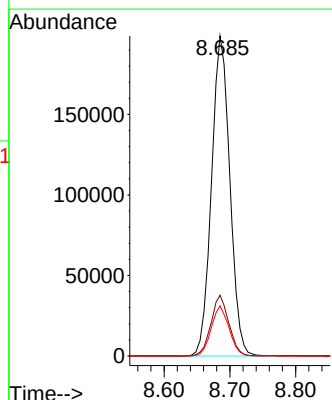
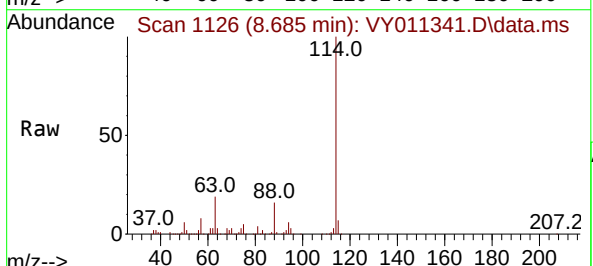
Tgt Ion: 114 Resp: 385773

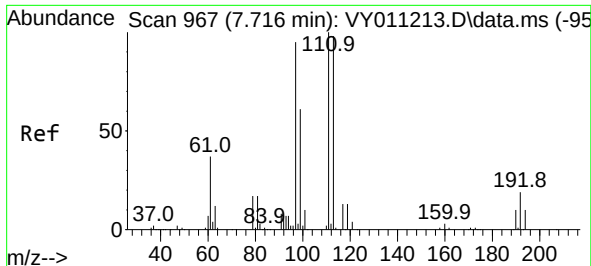
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.7 0.0 31.8

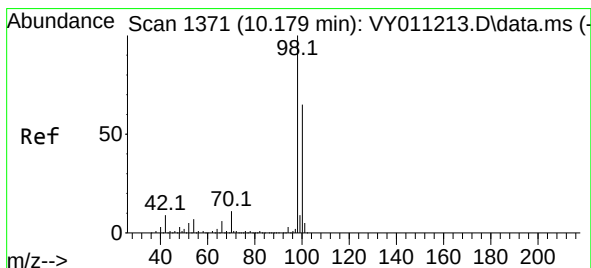
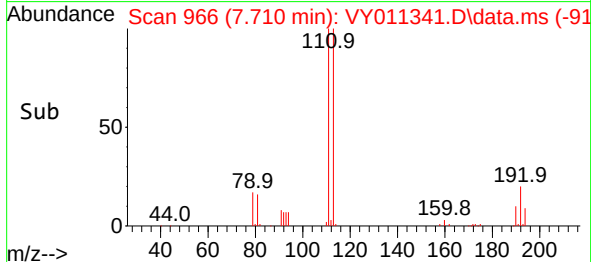
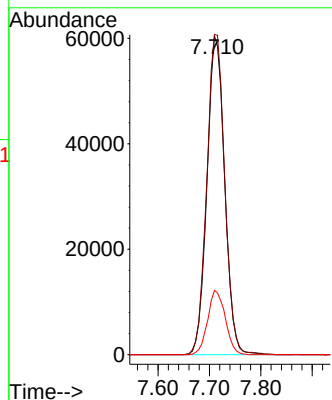
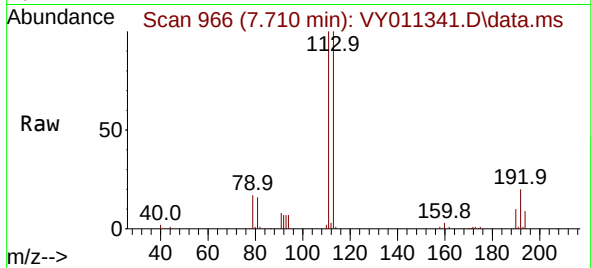




#35
Dibromofluoromethane
Concen: 58.130 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

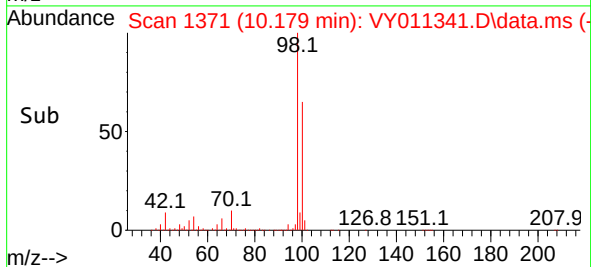
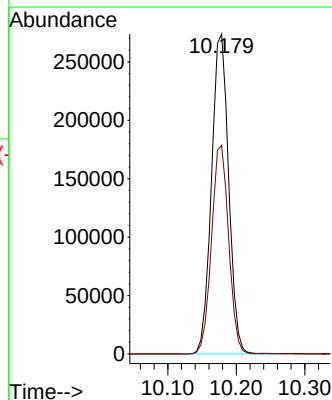
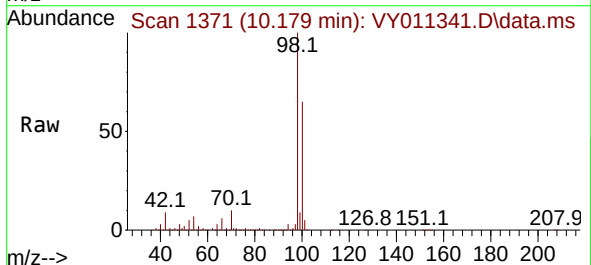
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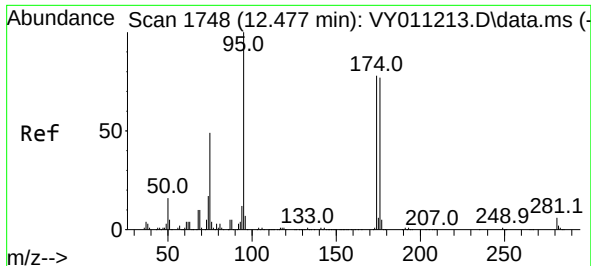
Tgt Ion:113 Resp: 144080
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.1 17.6 26.4



#50
Toluene-d8
Concen: 49.486 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

Tgt Ion: 98 Resp: 476223
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

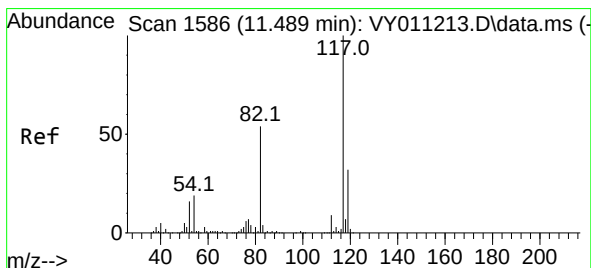
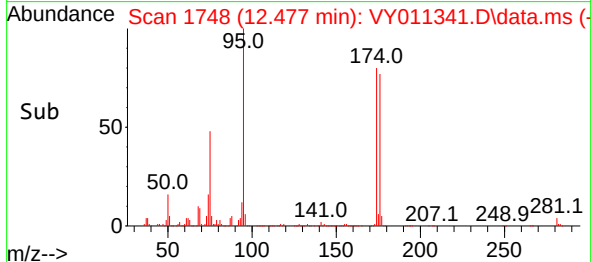
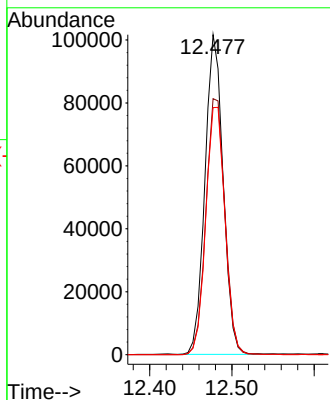
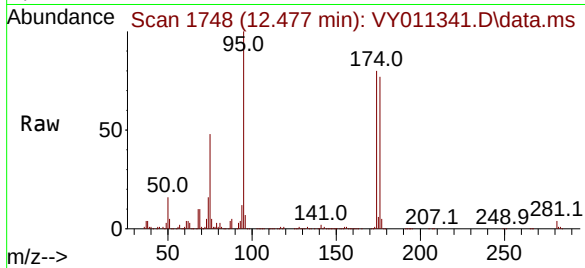




#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

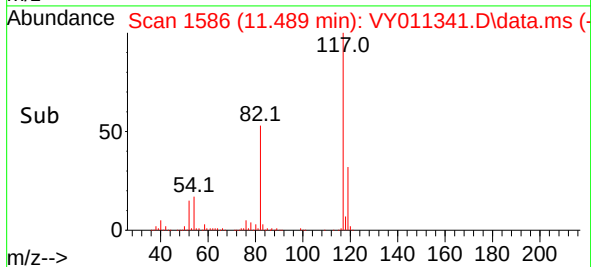
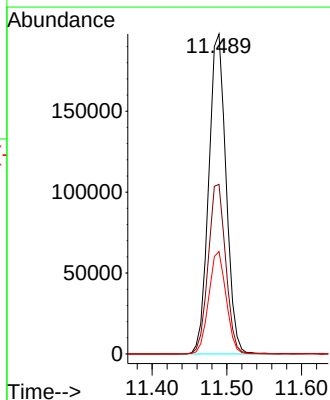
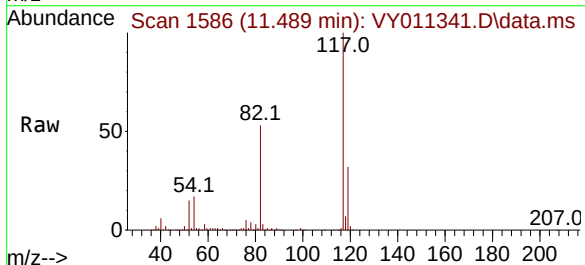
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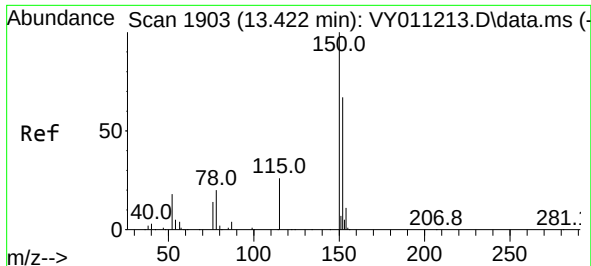
Tgt Ion: 95 Resp: 155682
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011341.D
Acq: 07 Nov 2022 17:33

Tgt Ion: 117 Resp: 318827
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011341.D
 Acq: 07 Nov 2022 17:33

Instrument : MSVOA_Y
 ClientSampleId : SB-16-20221028-10.5-11.5

Tgt Ion:152 Resp: 124415
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 158.0 0.0 347.6

