

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011262.D
 Acq On : 02 Nov 2022 15:04
 Operator : KP/MD
 Sample : N5395-05
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-4-103122

Quant Time: Nov 03 05:16:28 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)

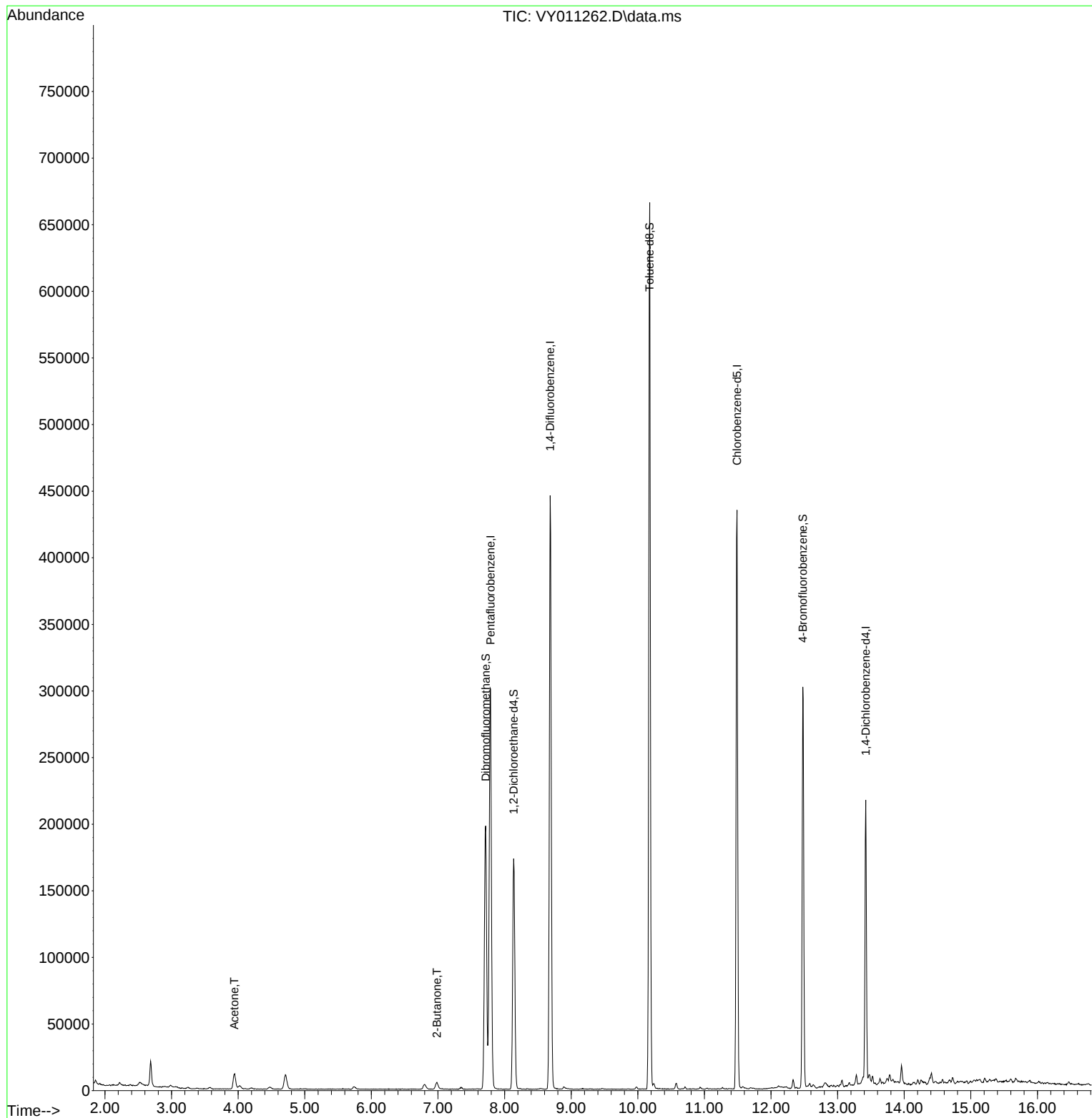
Internal Standards						
1) Pentafluorobenzene	7.789	168	244461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136782	52.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.640%	
35) Dibromofluoromethane	7.716	113	144907	57.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.580%	
50) Toluene-d8	10.179	98	439265	44.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.460%	
62) 4-Bromofluorobenzene	12.477	95	93932	27.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 55.100%	
Target Compounds						Qvalue
16) Acetone	3.942	43	19987	25.325	ug/l	# 88
25) 2-Butanone	6.984	43	6974	6.280	ug/l	94

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

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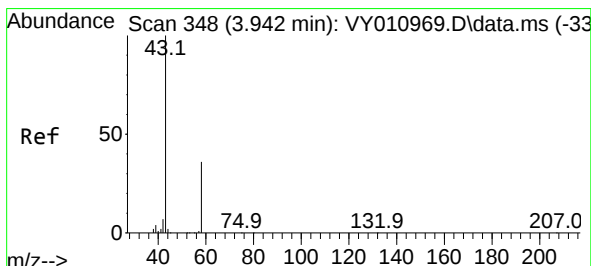
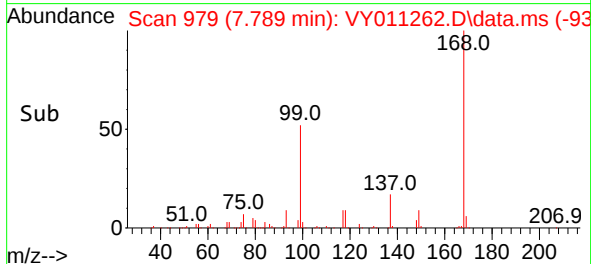
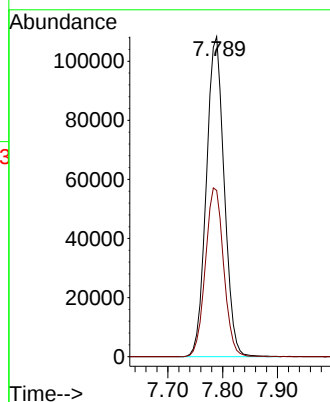
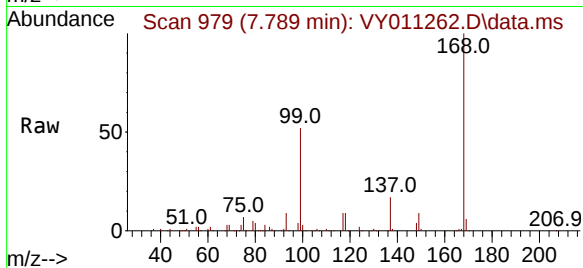




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

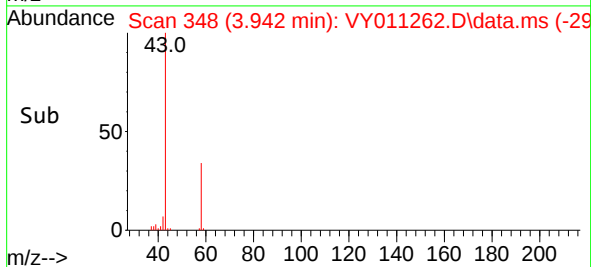
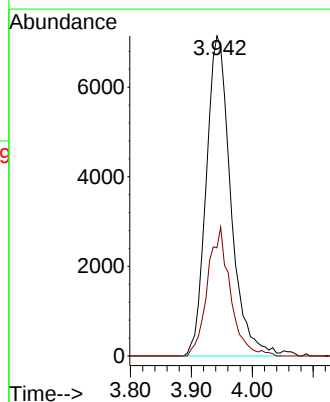
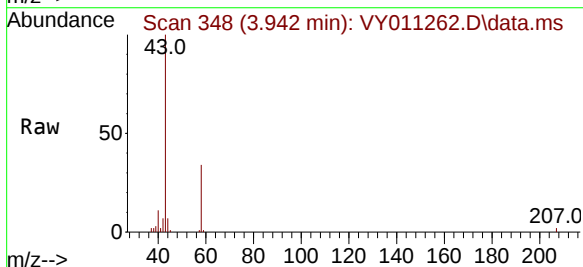
Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

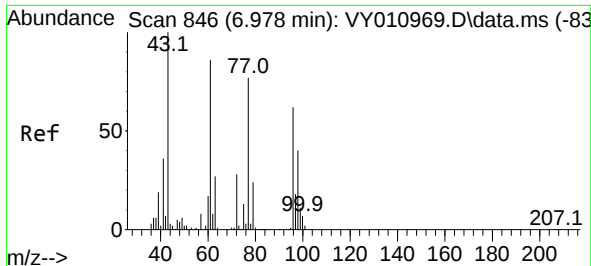
Tgt Ion:168 Resp: 244461
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#16
Acetone
Concen: 25.325 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 43 Resp: 19987
Ion Ratio Lower Upper
43 100
58 33.8 22.0 33.0#

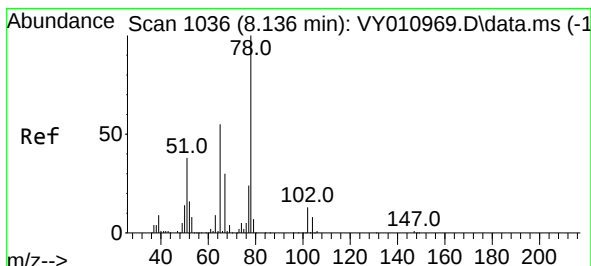
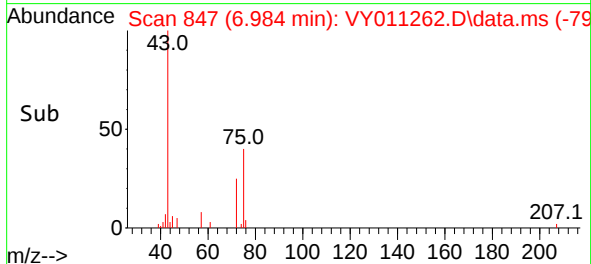
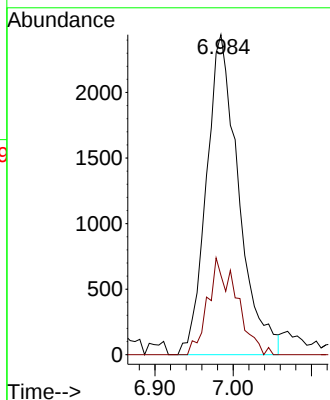
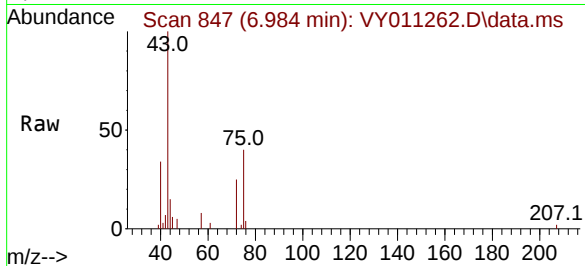




#25
2-Butanone
Concen: 6.280 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

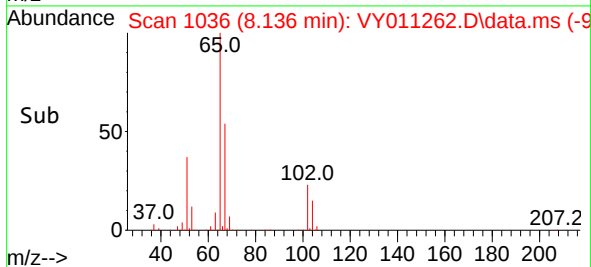
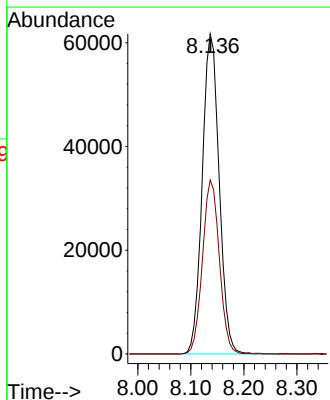
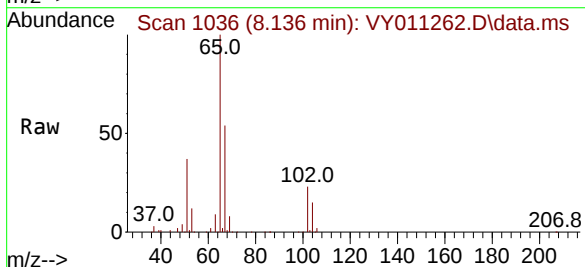
Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

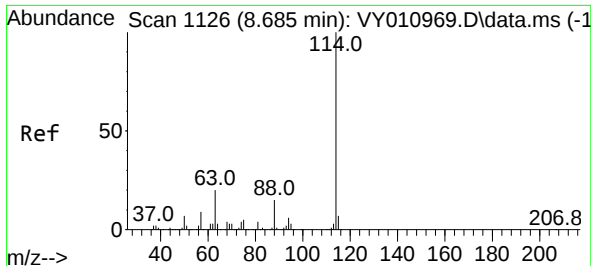
Tgt Ion: 43 Resp: 6974
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.316 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 65 Resp: 136782
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

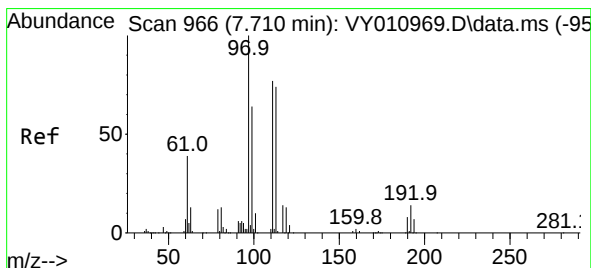
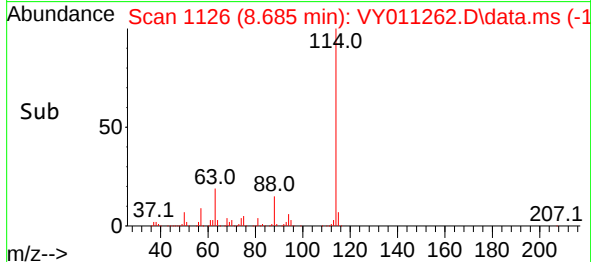
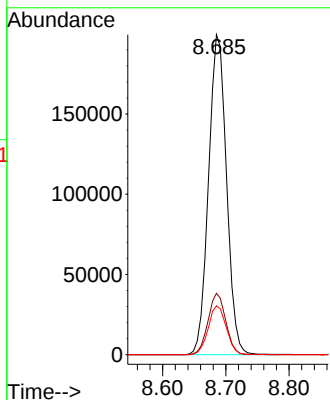
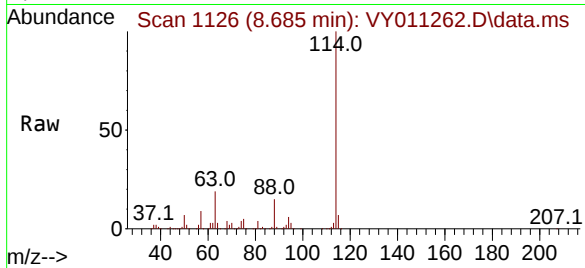




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

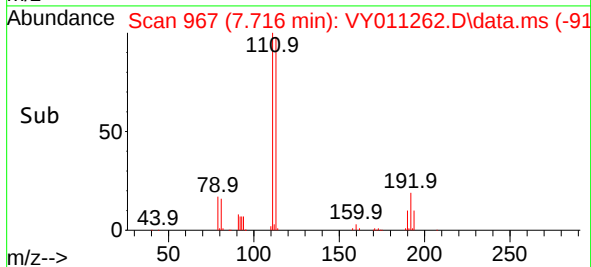
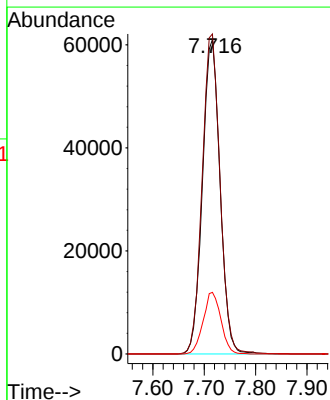
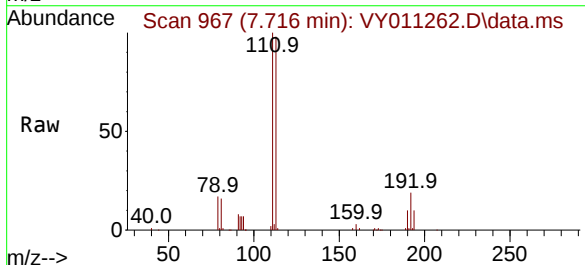
Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

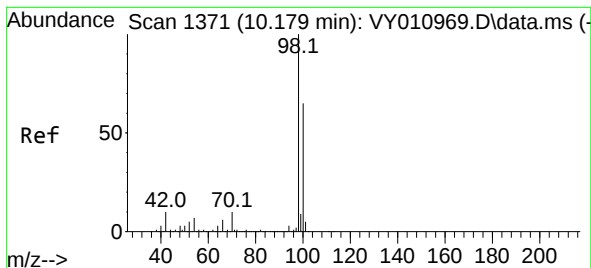
Tgt Ion:114 Resp: 393676
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.290 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion:113 Resp: 144907
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.8 17.6 26.4

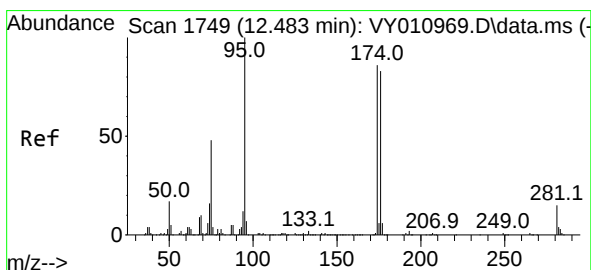
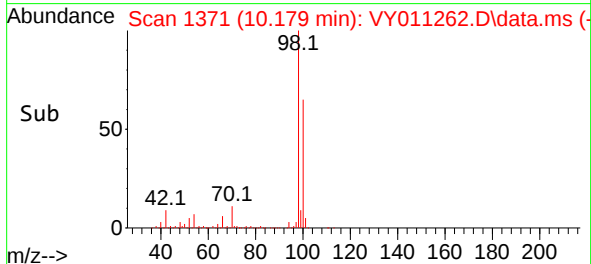
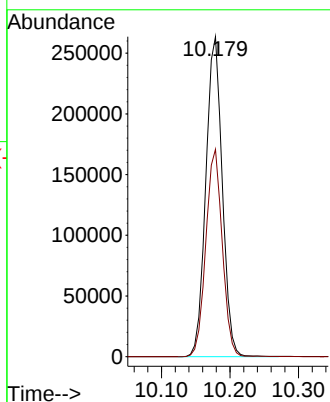
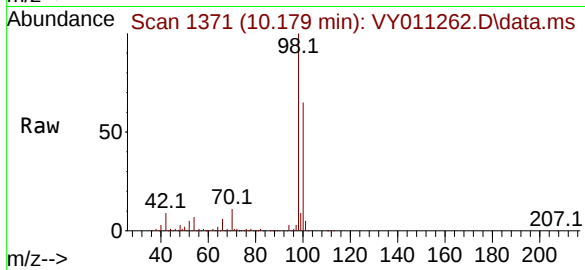




#50
Toluene-d8
Concen: 44.730 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

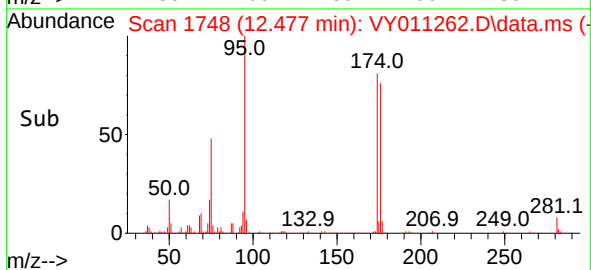
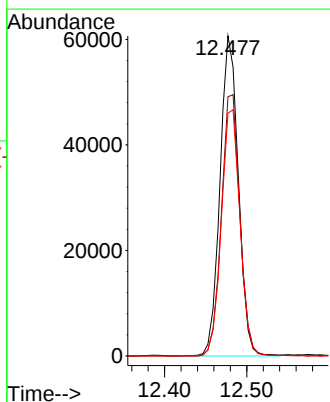
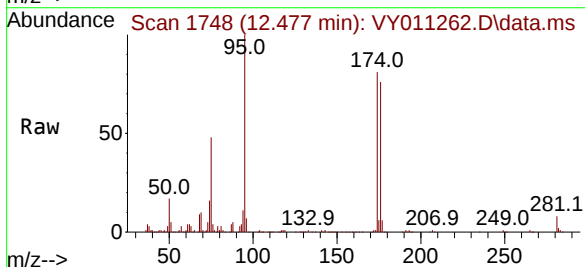
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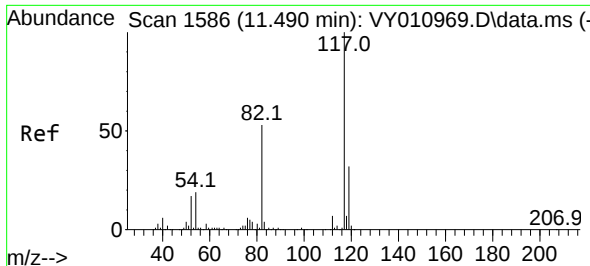
Tgt Ion: 98 Resp: 439265
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 27.552 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion: 95 Resp: 93932
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 78.4 0.0 175.8

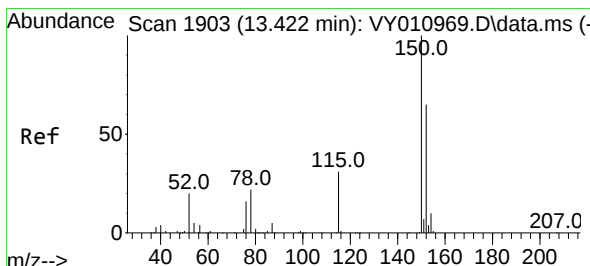
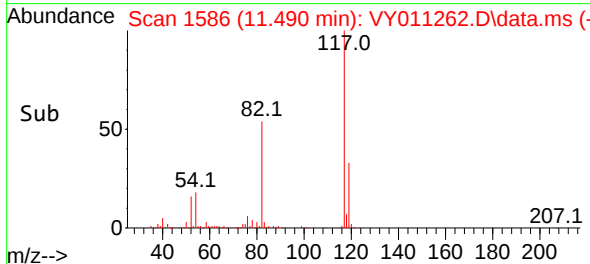
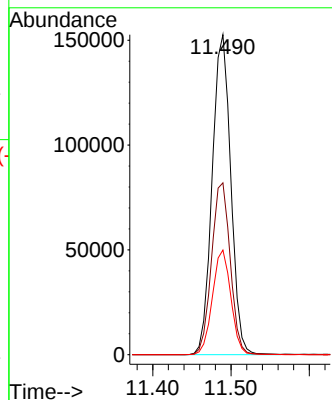
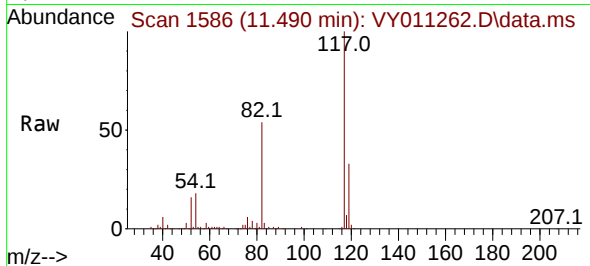




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011262.D
Acq: 02 Nov 2022 15:04

Instrument :
MSVOA_Y
ClientSampleId :
S-4-103122

Tgt Ion:117 Resp: 251594
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.7 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: VY011262.D
Acq: 02 Nov 2022 15:04

Tgt Ion:152 Resp: 56165
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 155.9 0.0 347.6

