

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014589.D
 Acq On : 06 Jul 2023 15:30
 Operator : KP/MD
 Sample : 03519-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KULLER-COMP

Quant Time: Jul 07 06:14:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

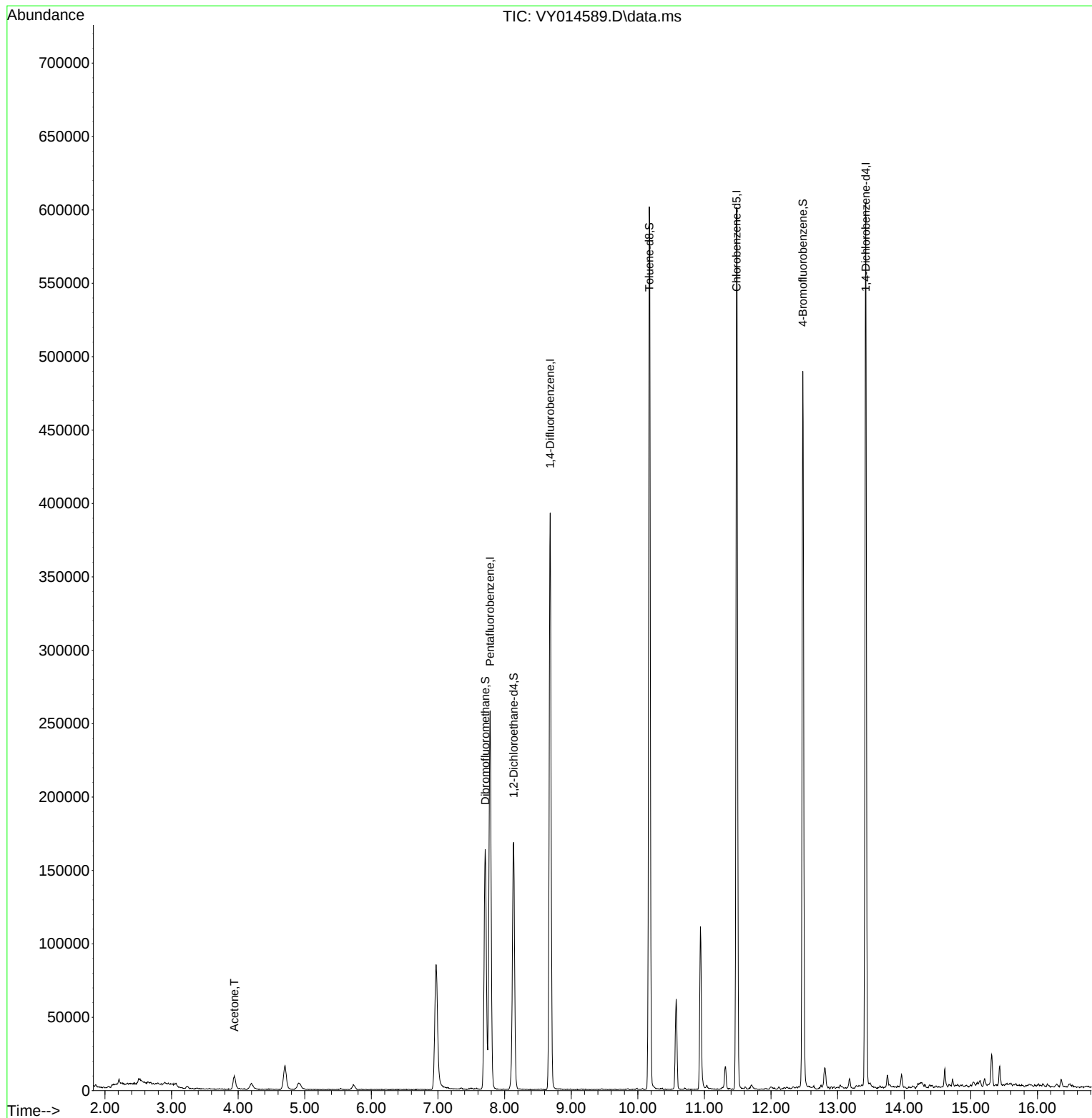
Internal Standards						
1) Pentafluorobenzene	7.783	168	211700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	340288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133626	63.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.900%	
35) Dibromofluoromethane	7.710	113	118067	56.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.280%	
50) Toluene-d8	10.173	98	418989	50.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.477	95	139810	48.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.860%	
Target Compounds						
16) Acetone	3.942	43	16248	24.705	ug/l	Qvalue # 88

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

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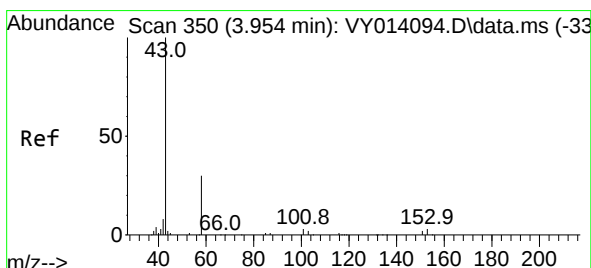
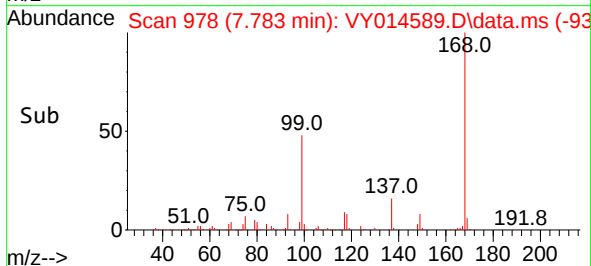
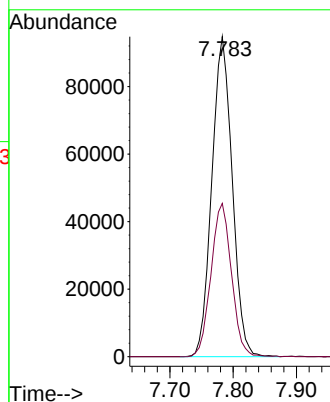
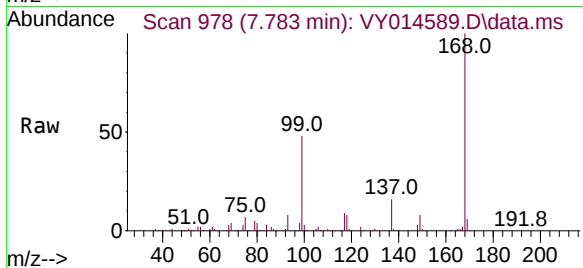




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014589.D
Acq: 06 Jul 2023 15:30

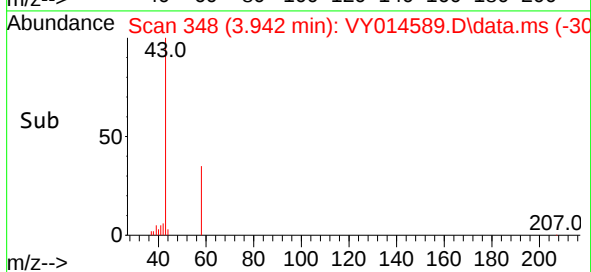
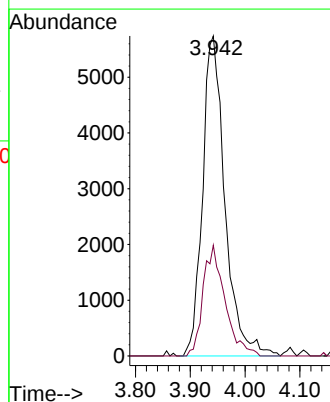
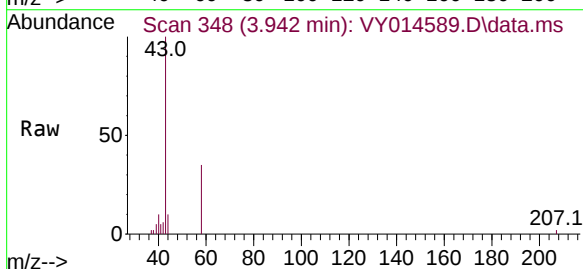
Instrument :
MSVOA_Y
ClientSampleId :
KULLER-COMP

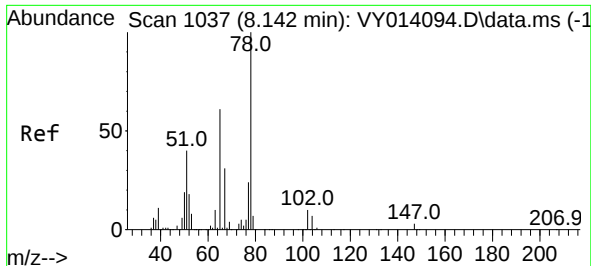
Tgt Ion:168 Resp: 211700
Ion Ratio Lower Upper
168 100
99 47.9 43.4 65.0



#16
Acetone
Concen: 24.705 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014589.D
Acq: 06 Jul 2023 15:30

Tgt Ion: 43 Resp: 16248
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#

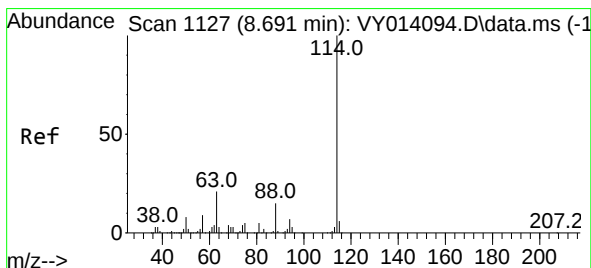
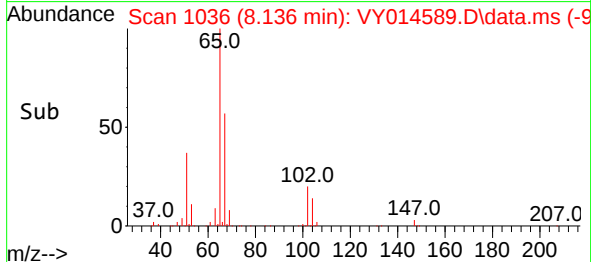
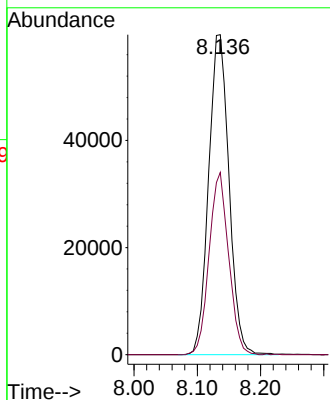
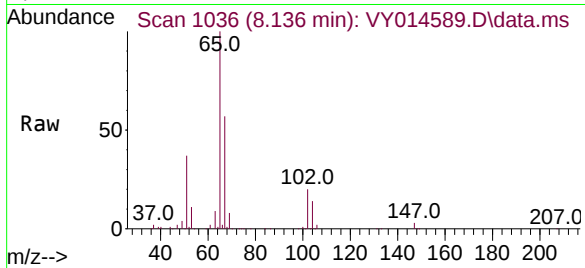




#33
 1,2-Dichloroethane-d4
 Concen: 63.451 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014589.D
 Acq: 06 Jul 2023 15:30

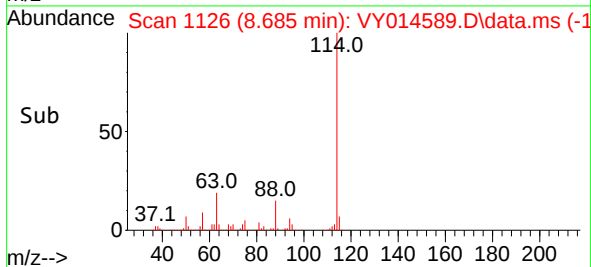
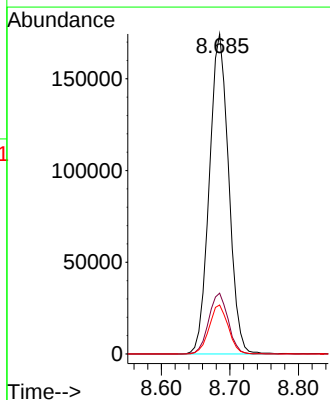
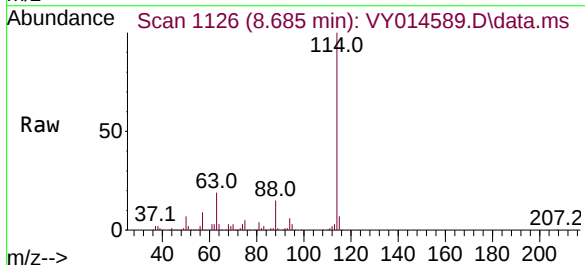
Instrument :
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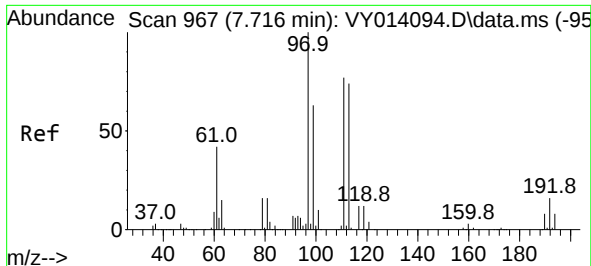
Tgt Ion: 65 Resp: 133626
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014589.D
 Acq: 06 Jul 2023 15:30

Tgt Ion: 114 Resp: 341501
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.3 0.0 30.6

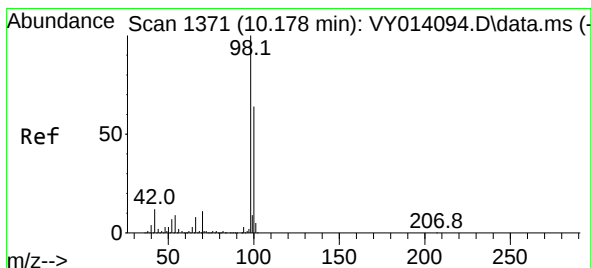
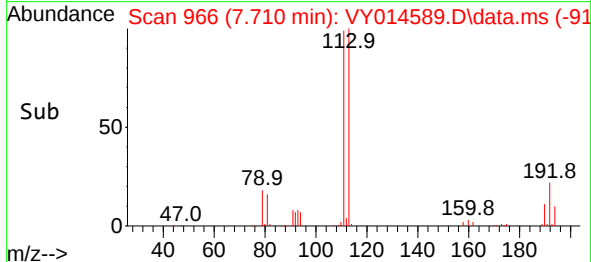
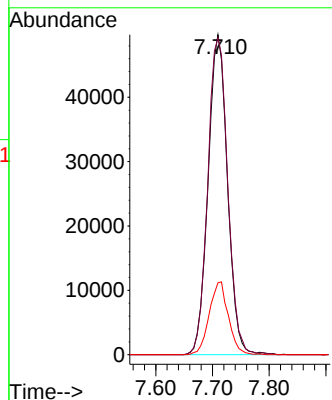
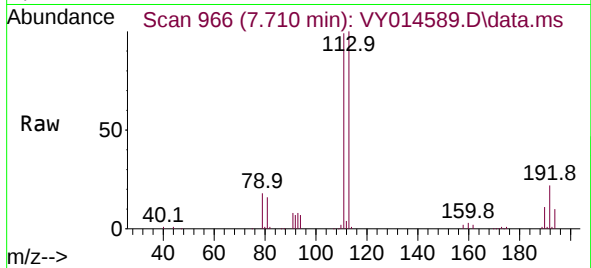




#35
Dibromofluoromethane
Concen: 56.142 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014589.D
Acq: 06 Jul 2023 15:30

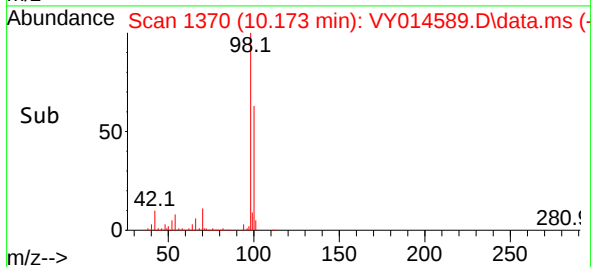
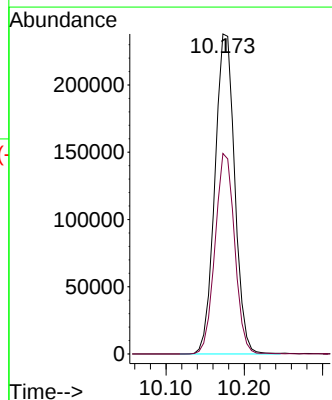
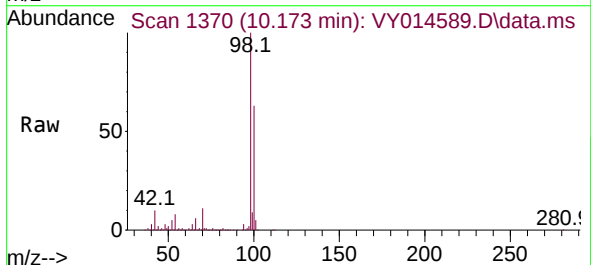
Instrument :
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KULLER-COMP

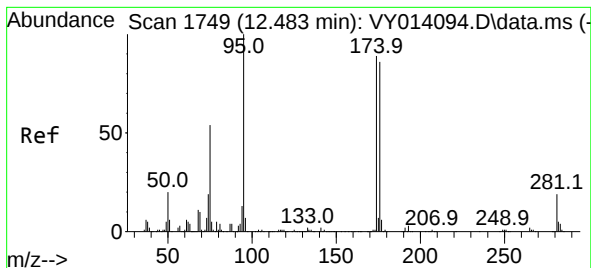
Tgt Ion:113 Resp: 118067
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.5 16.9 25.3



#50
Toluene-d8
Concen: 50.400 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014589.D
Acq: 06 Jul 2023 15:30

Tgt Ion: 98 Resp: 418989
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

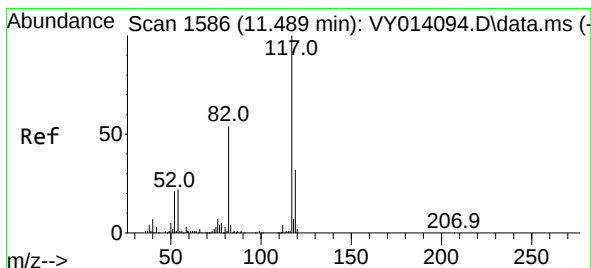
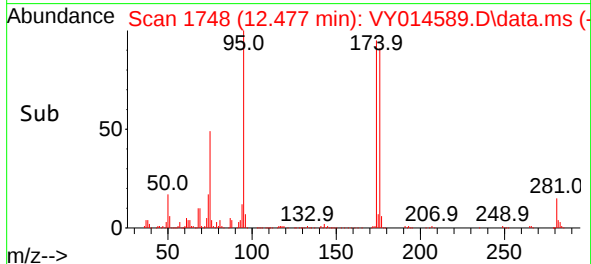
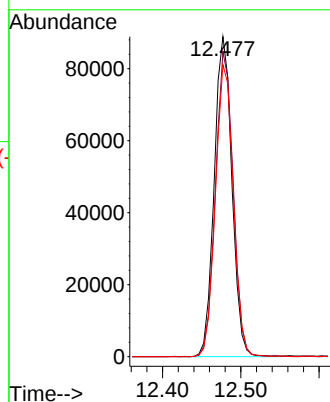
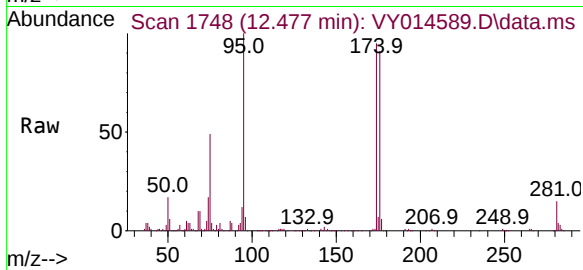




#62
4-Bromofluorobenzene
Concen: 48.432 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014589.D
Acq: 06 Jul 2023 15:30

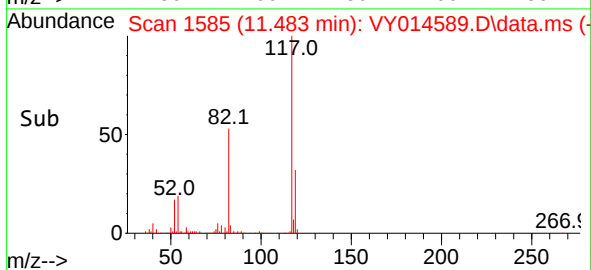
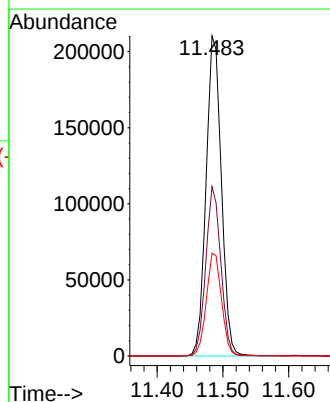
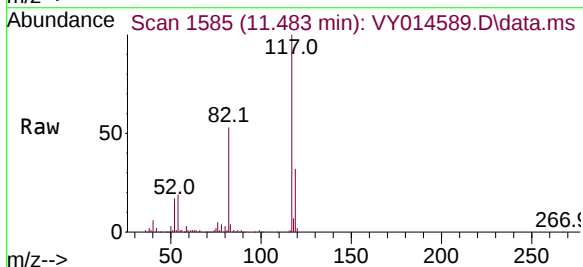
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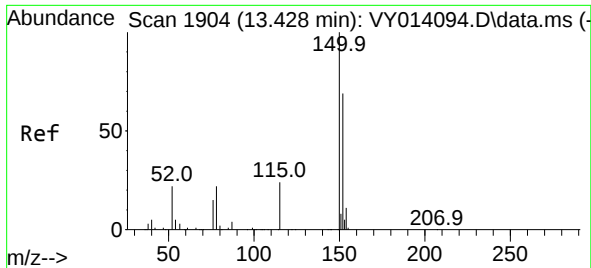
Tgt Ion: 95 Resp: 139810
Ion Ratio Lower Upper
95 100
174 95.8 0.0 178.2
176 91.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014589.D
Acq: 06 Jul 2023 15:30

Tgt Ion: 117 Resp: 340288
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014589.D
 Acq: 06 Jul 2023 15:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 KULLER-COMP

Tgt Ion:152 Resp: 161513

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.8	86.5
150	156.1	0.0	348.8

