

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011227.D
 Acq On : 01 Nov 2022 17:13
 Operator : KP/MD
 Sample : N5380-01
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-E

Quant Time: Nov 02 01:43:12 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)

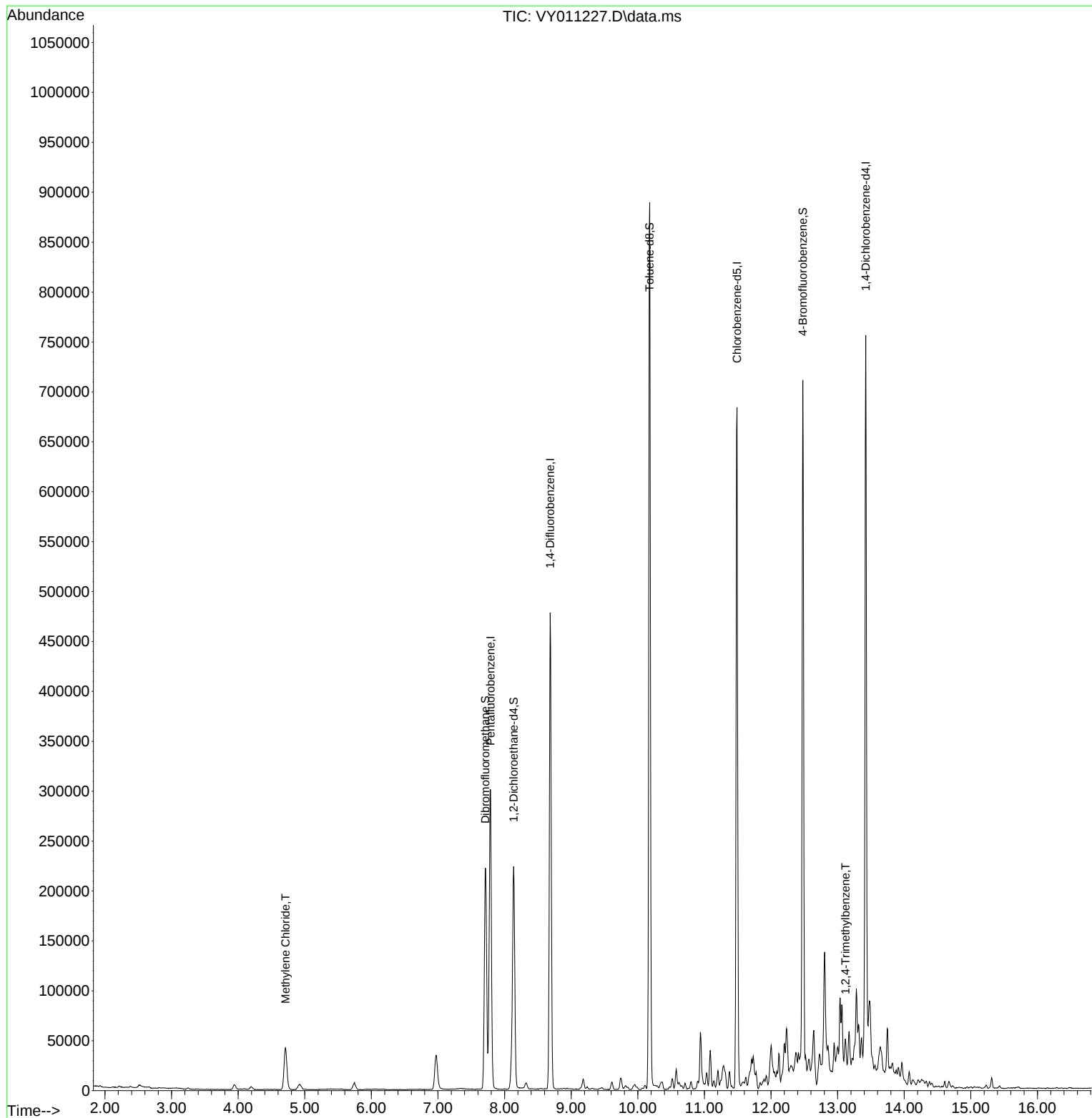
Internal Standards						
1) Pentafluorobenzene	7.789	168	235002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	388548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159214	63.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.700%
35) Dibromofluoromethane	7.710	113	164335	61.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.060%
50) Toluene-d8	10.179	98	591584	57.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.100%
62) 4-Bromofluorobenzene	12.477	95	216858	60.244	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.480%
Target Compounds						
20) Methylene Chloride	4.710	84	32841	6.177	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.117	105	14094	1.186	ug/l	98

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

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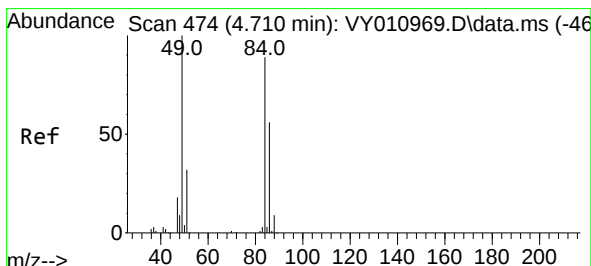
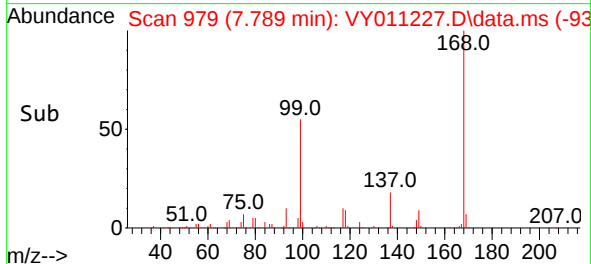
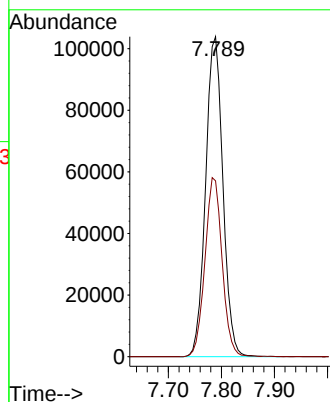
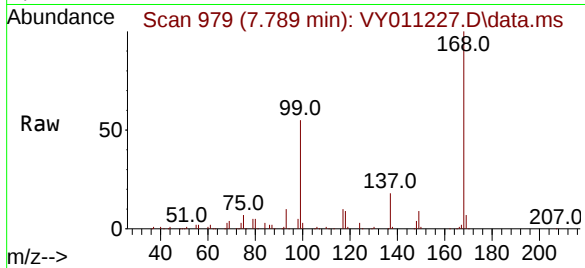




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011227.D
Acq: 01 Nov 2022 17:13

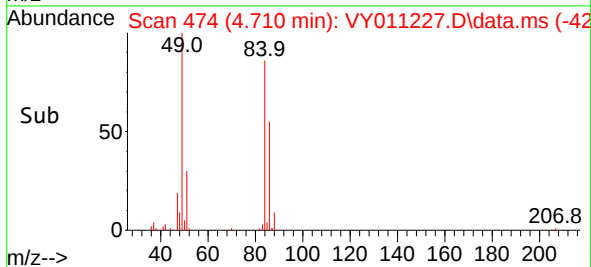
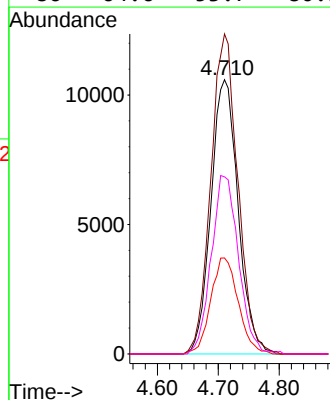
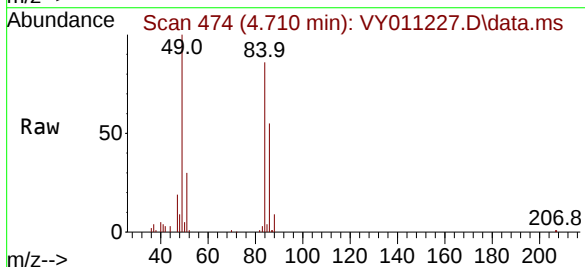
Instrument :
MSVOA_Y
ClientSampleId :
TP-E

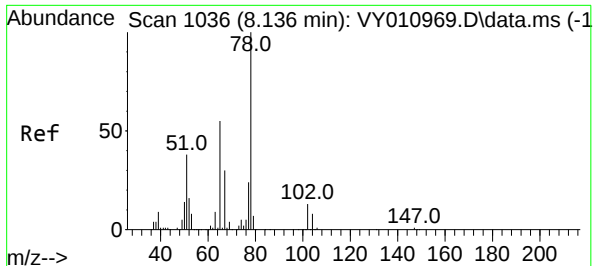
Tgt Ion:168 Resp: 235002
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#20
Methylene Chloride
Concen: 6.177 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011227.D
Acq: 01 Nov 2022 17:13

Tgt Ion: 84 Resp: 32841
Ion Ratio Lower Upper
84 100
49 116.7 114.4 171.6
51 35.0 35.3 52.9#
86 64.6 53.7 80.5

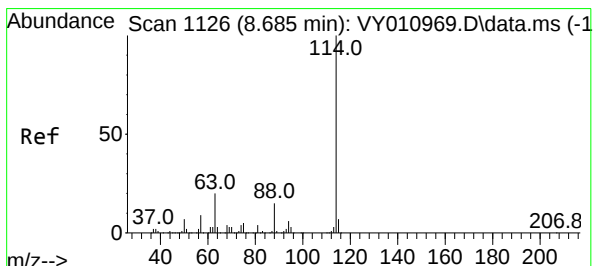
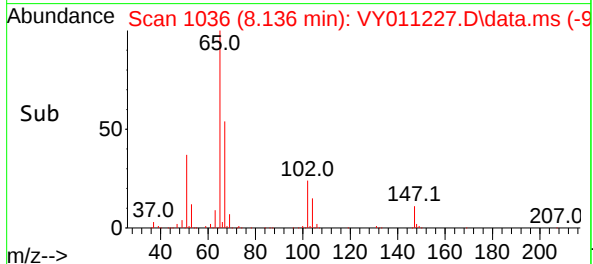
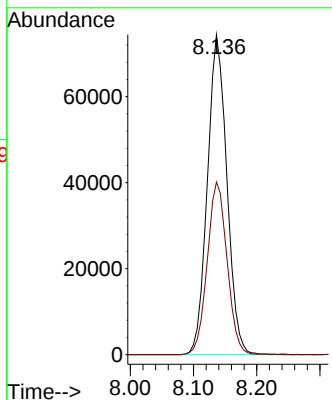
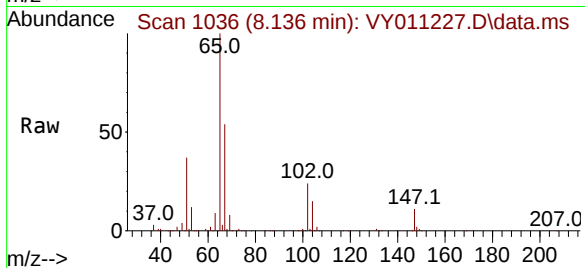




#33
 1,2-Dichloroethane-d4
 Concen: 63.347 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011227.D
 Acq: 01 Nov 2022 17:13

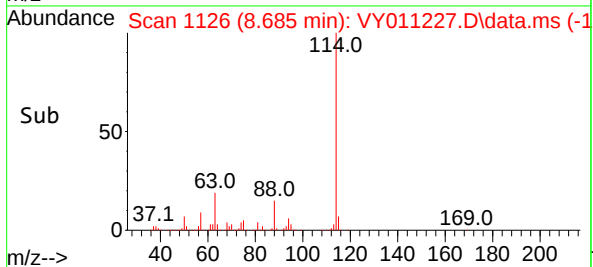
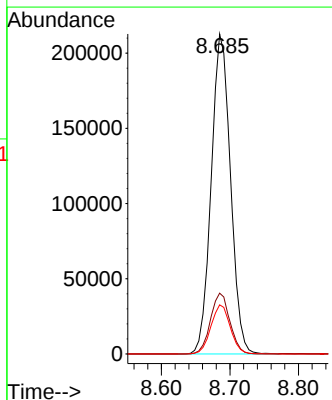
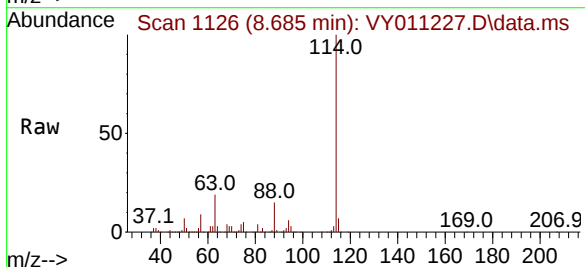
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-E

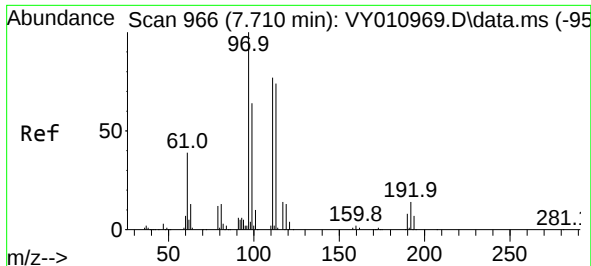
Tgt Ion: 65 Resp: 159214
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY011227.D
 Acq: 01 Nov 2022 17:13

Tgt Ion: 114 Resp: 415660
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.2
 88 15.4 0.0 31.8

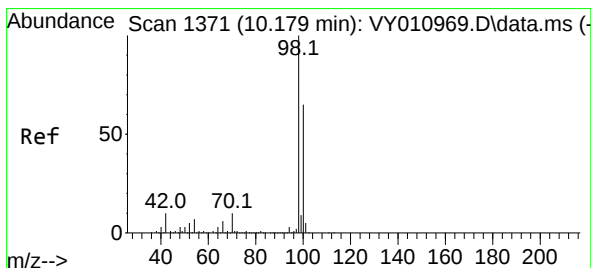
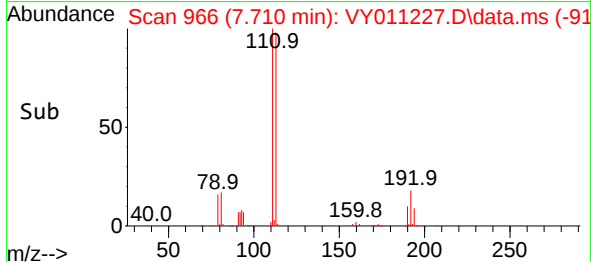
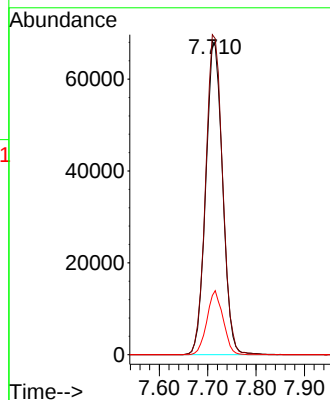
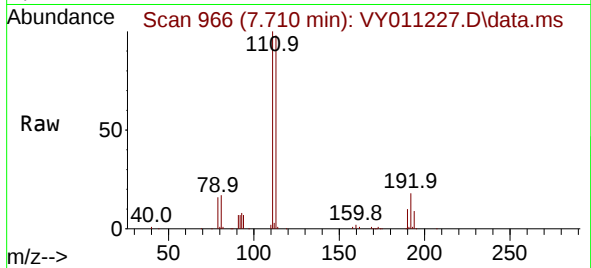




#35
Dibromofluoromethane
Concen: 61.535 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011227.D
Acq: 01 Nov 2022 17:13

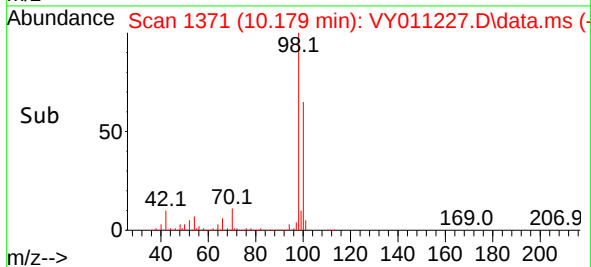
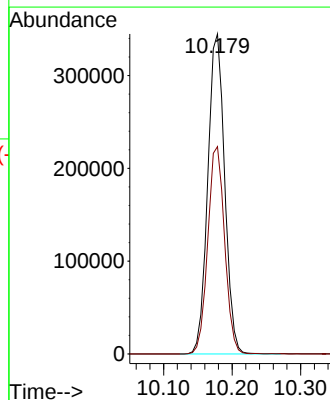
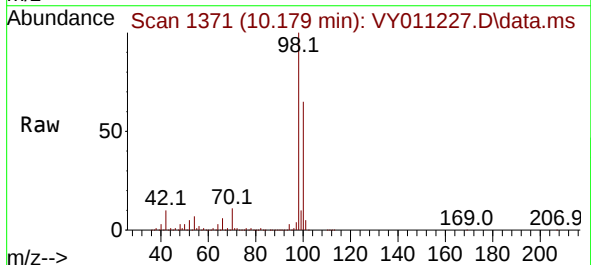
Instrument :
MSVOA_Y
ClientSampleId :
TP-E

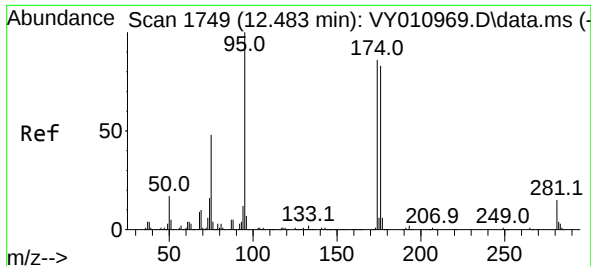
Tgt Ion:113 Resp: 164335
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 57.054 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011227.D
Acq: 01 Nov 2022 17:13

Tgt Ion: 98 Resp: 591584
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

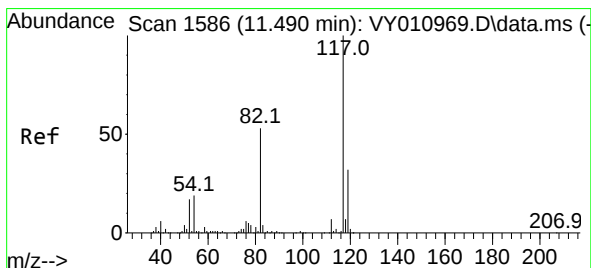
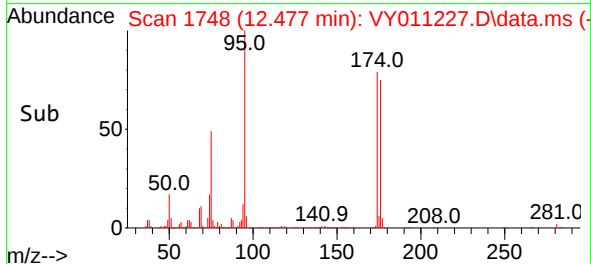
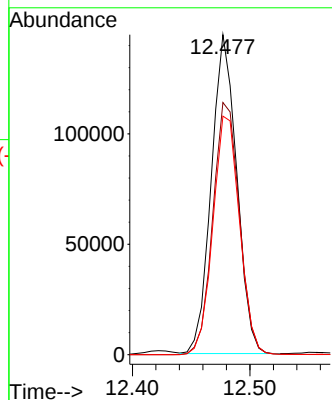
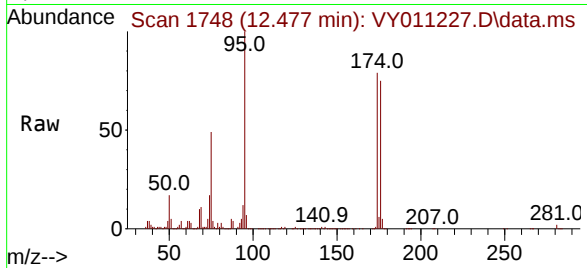




#62
4-Bromofluorobenzene
Concen: 60.244 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011227.D
Acq: 01 Nov 2022 17:13

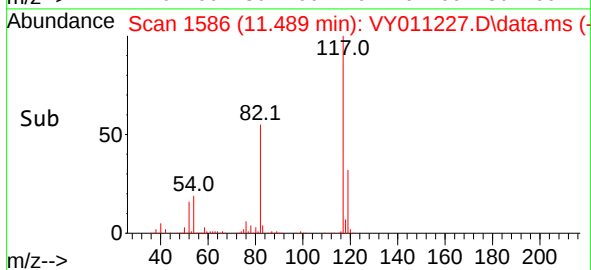
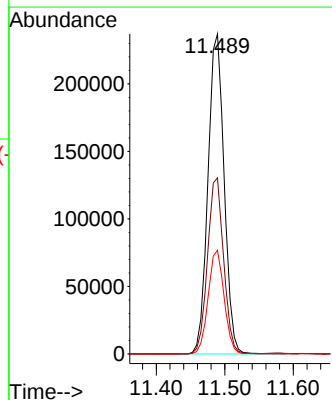
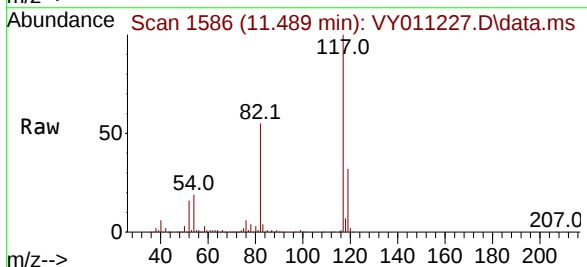
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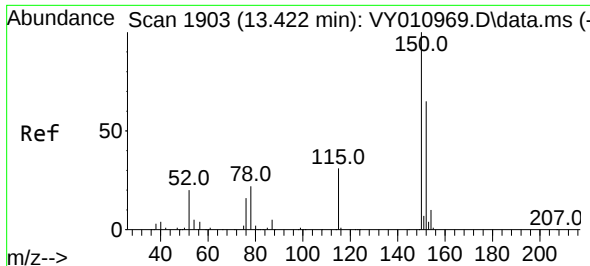
Tgt Ion: 95 Resp: 216858
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 78.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011227.D
Acq: 01 Nov 2022 17:13

Tgt Ion: 117 Resp: 388548
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.4 25.4 38.0

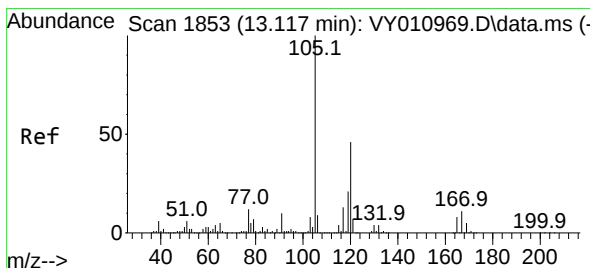
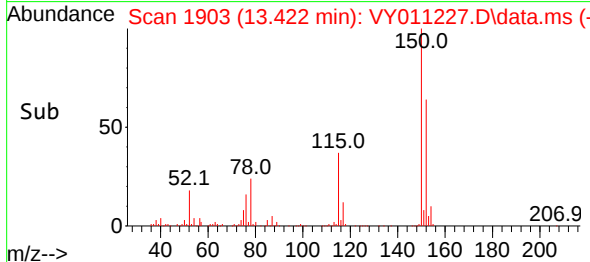
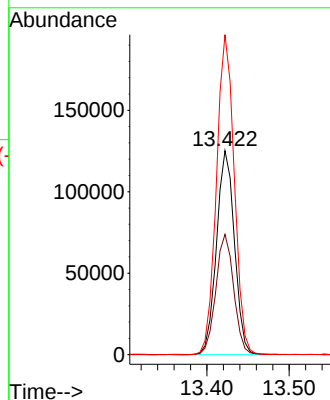
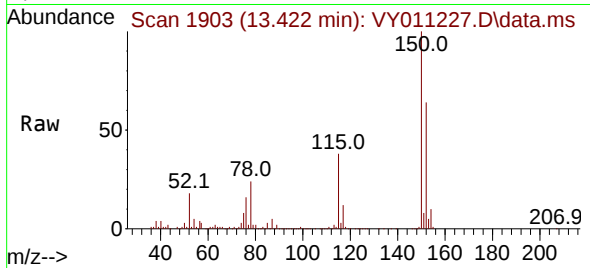




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011227.D
 Acq: 01 Nov 2022 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-E

Tgt Ion:152 Resp: 189937
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 156.2 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.186 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY011227.D
 Acq: 01 Nov 2022 17:13

Tgt Ion:105 Resp: 14094
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.9

