

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016210.D
 Acq On : 03 Nov 2023 13:13
 Operator : SY/MD
 Sample : 05234-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A

Quant Time: Nov 03 23:01:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

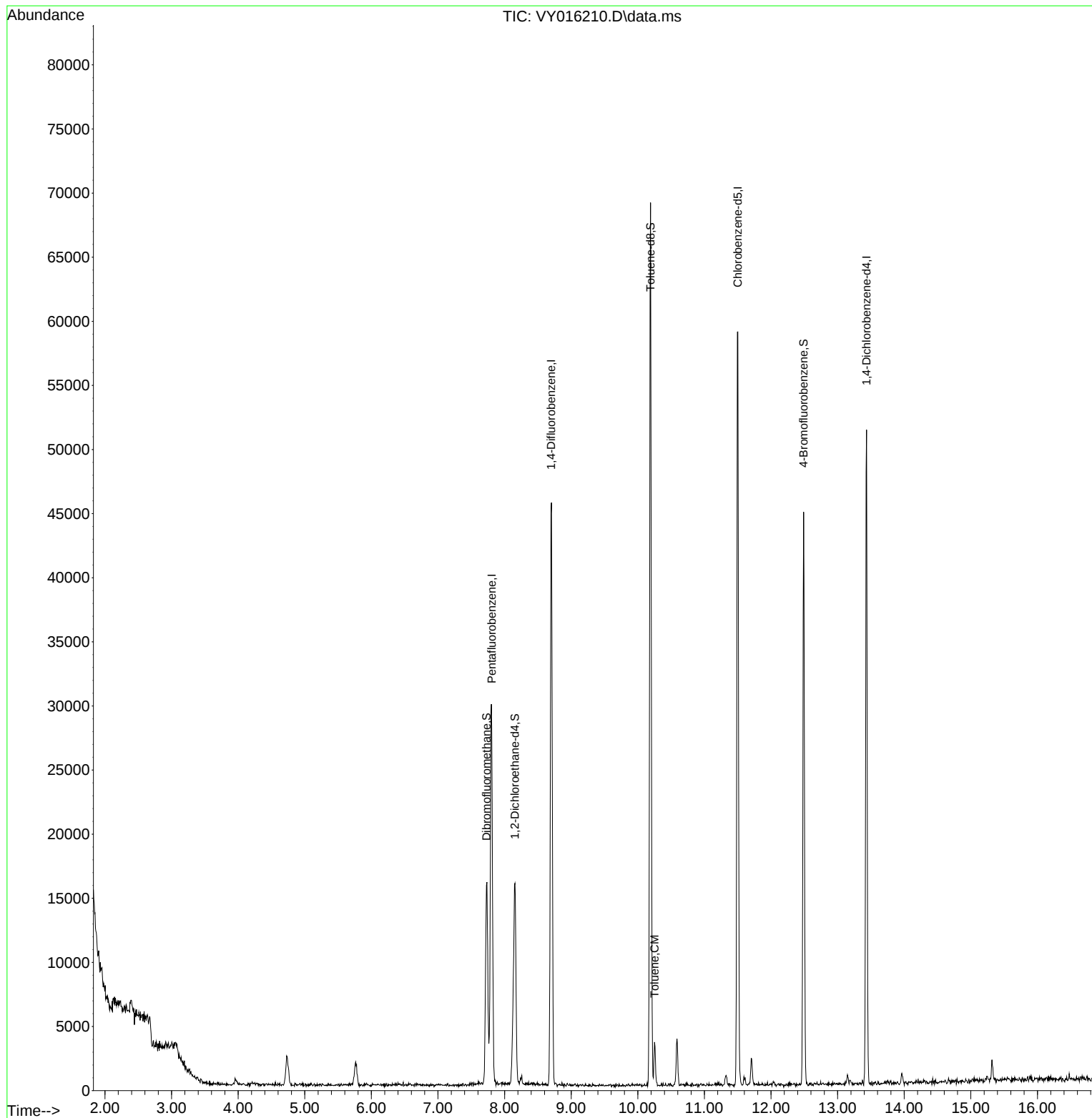
Internal Standards						
1) Pentafluorobenzene	7.807	168	24257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	40049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	33834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	11695	51.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.040%
35) Dibromofluoromethane	7.728	113	11555	48.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.800%
50) Toluene-d8	10.191	98	45394	47.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.489	95	13241	40.905	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.820%
Target Compounds						
52) Toluene	10.252	92	1426	2.223	ug/l	Qvalue 92

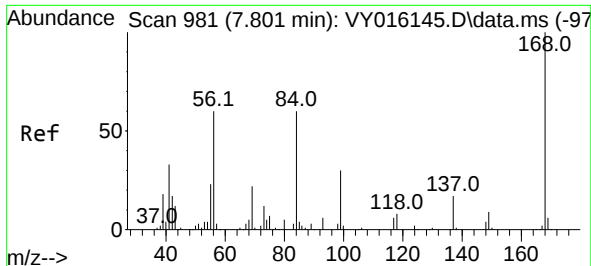
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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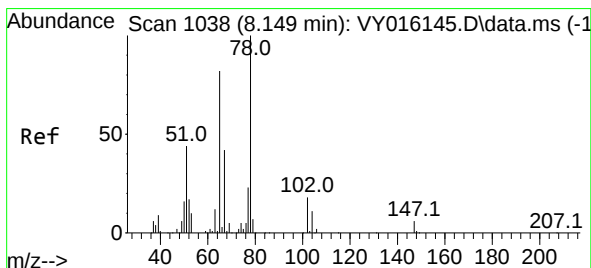
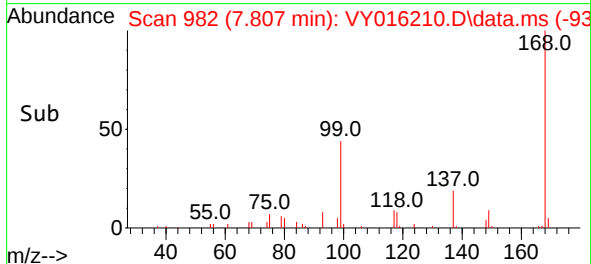
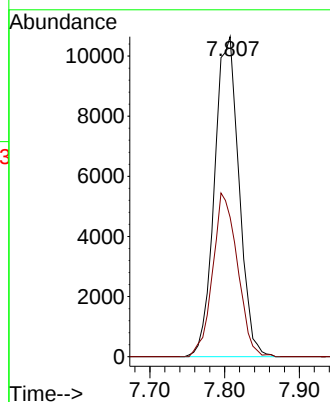
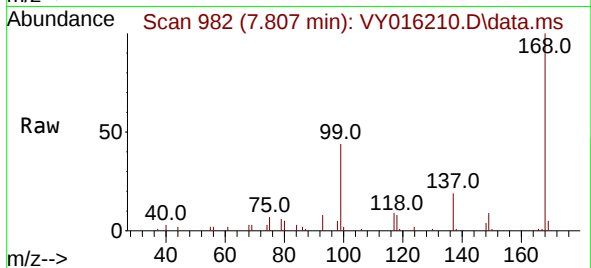




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

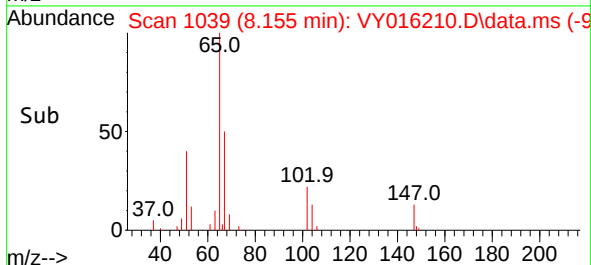
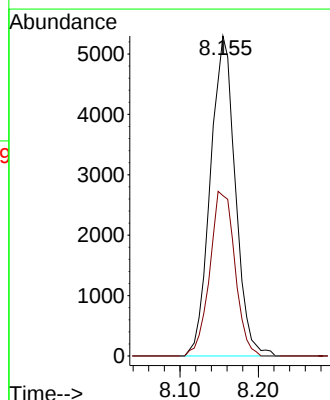
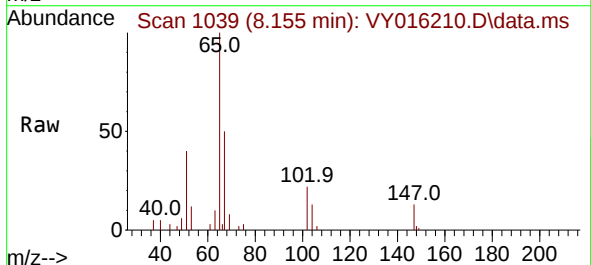
Instrument :
MSVOA_Y
ClientSampleId :
SP-A

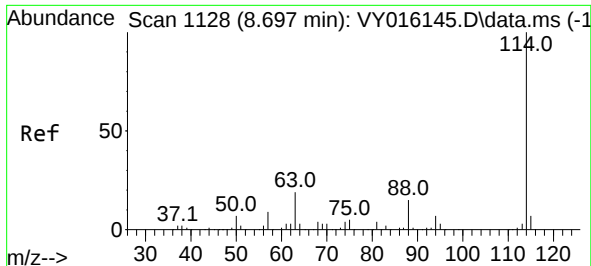
Tgt Ion:168 Resp: 24257
Ion Ratio Lower Upper
168 100
99 43.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.524 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion: 65 Resp: 11695
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

Instrument :

MSVOA_Y

ClientSampleId :

SP-A

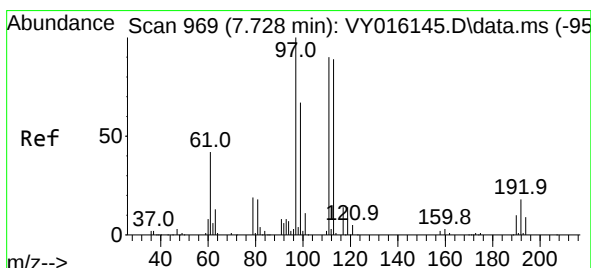
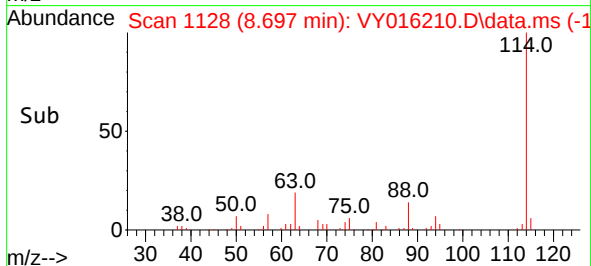
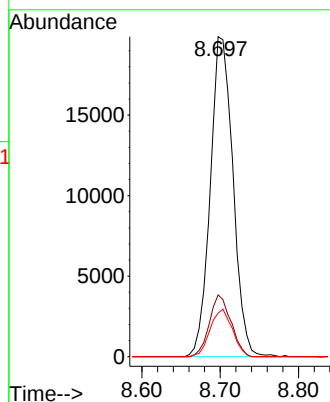
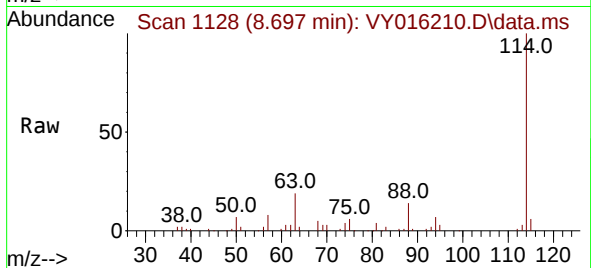
Tgt Ion:114 Resp: 40049

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.396 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016210.D

Acq: 03 Nov 2023 13:13

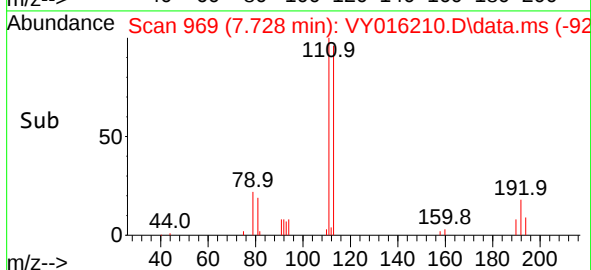
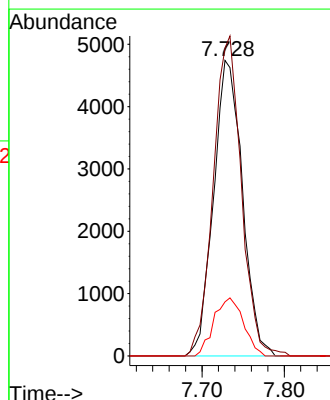
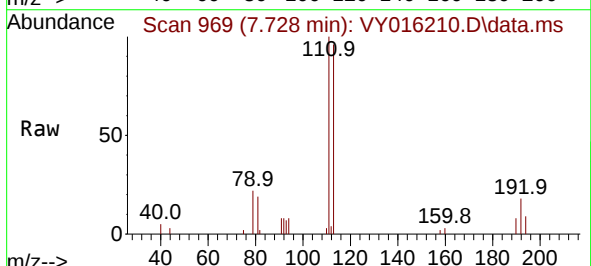
Tgt Ion:113 Resp: 11555

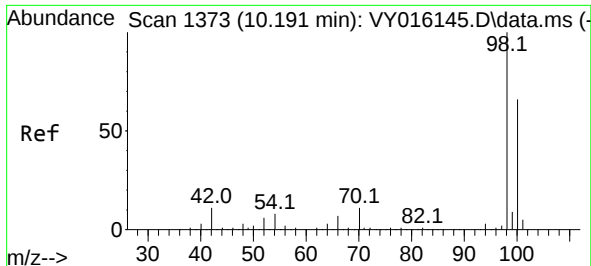
Ion Ratio Lower Upper

113 100

111 105.0 81.3 121.9

192 20.1 16.9 25.3

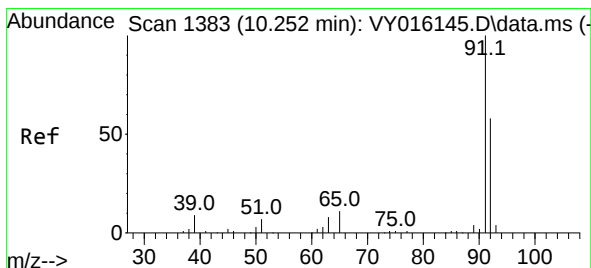
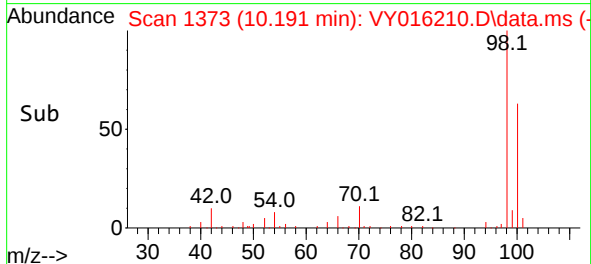
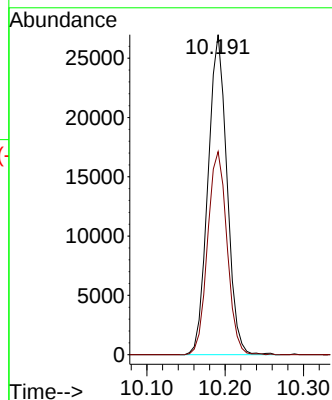
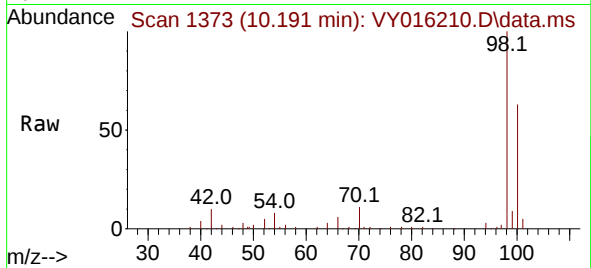




#50
Toluene-d8
Concen: 47.953 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

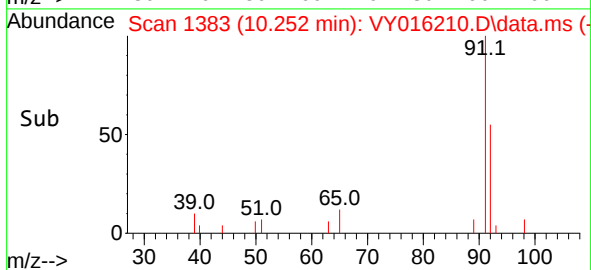
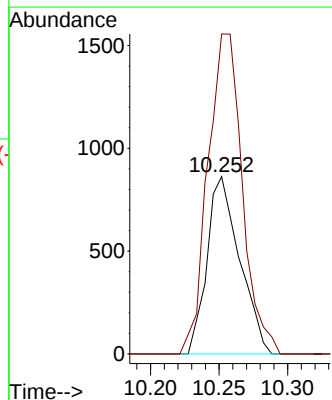
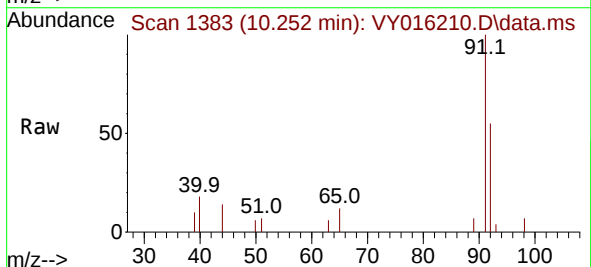
Instrument :
MSVOA_Y
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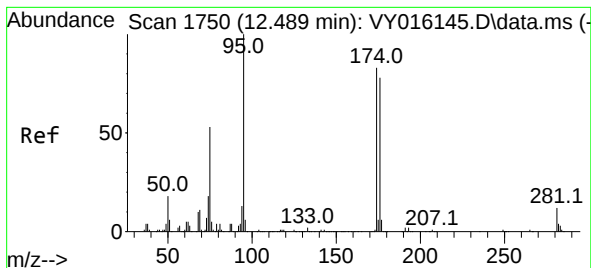
Tgt Ion: 98 Resp: 45394
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#52
Toluene
Concen: 2.223 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion: 92 Resp: 1426
Ion Ratio Lower Upper
92 100
91 190.9 143.8 215.6

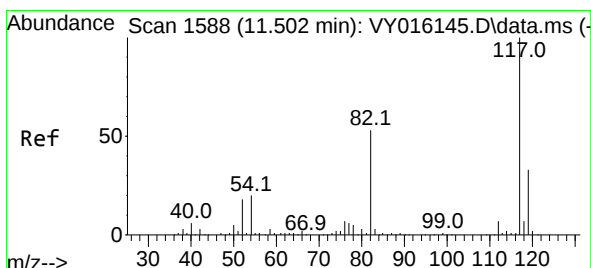
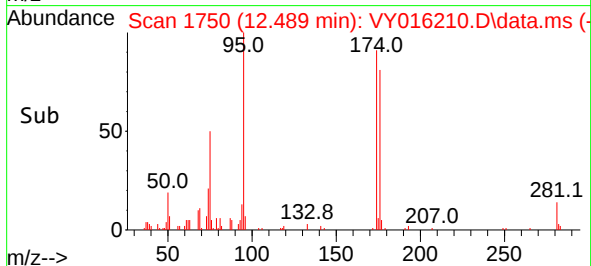
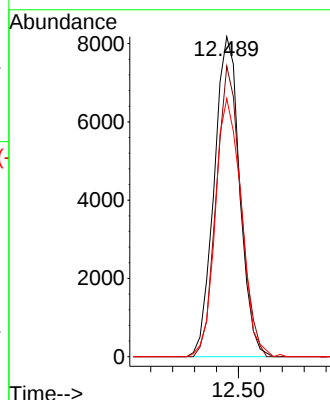
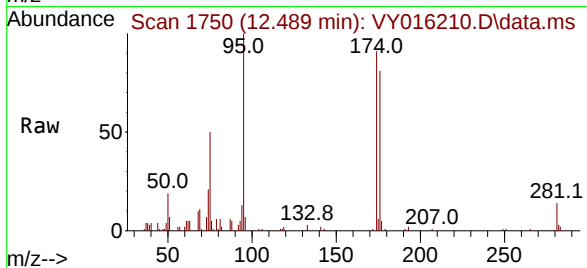




#62
4-Bromofluorobenzene
Concen: 40.905 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

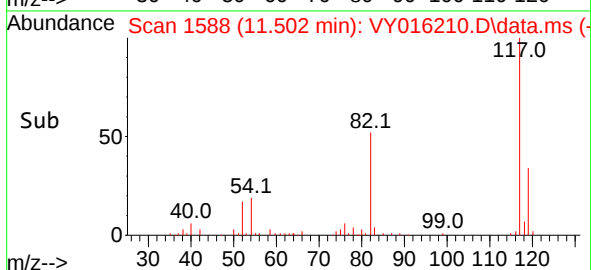
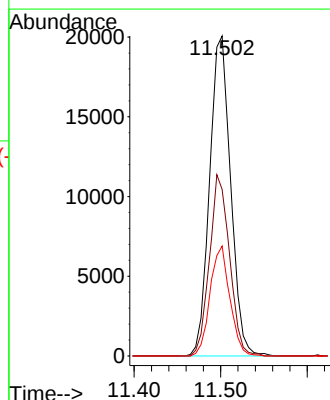
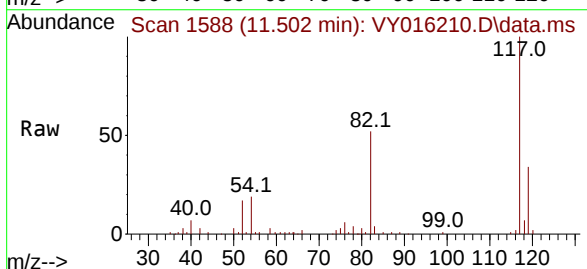
Instrument :
MSVOA_Y
ClientSampleId :
SP-A

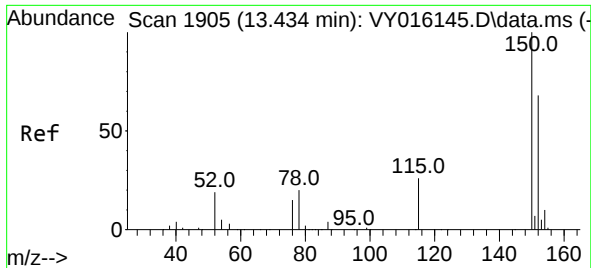
Tgt Ion: 95 Resp: 13241
Ion Ratio Lower Upper
95 100
174 87.1 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016210.D
Acq: 03 Nov 2023 13:13

Tgt Ion: 117 Resp: 33834
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 34.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016210.D
 Acq: 03 Nov 2023 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A

Tgt Ion:152 Resp: 13399
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.8 86.5
 150 160.5 0.0 348.8

