

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016519.D
 Acq On : 28 Nov 2023 14:36
 Operator : SY/MD
 Sample : 05470-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Nov 29 03:08:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

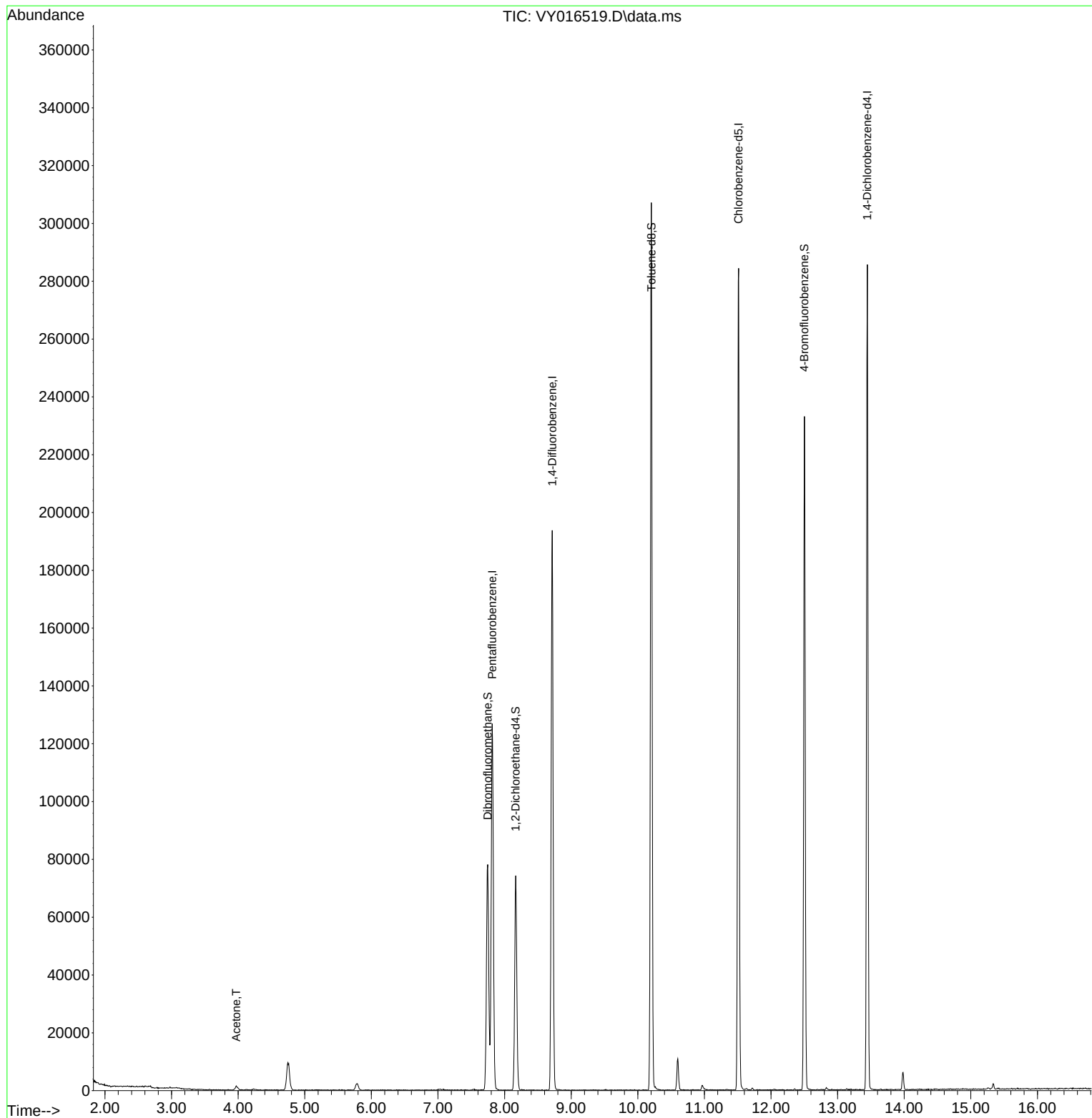
Internal Standards						
1) Pentafluorobenzene	7.813	168	103518	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.715	114	178781	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	173927	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	79064	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59276	62.652	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.300%
35) Dibromofluoromethane	7.746	113	57087	56.211	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.203	98	208795	50.698	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.501	95	71474	53.434	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.860%
Target Compounds						
16) Acetone	3.972	43	2430	15.527	ug/l	Qvalue 97

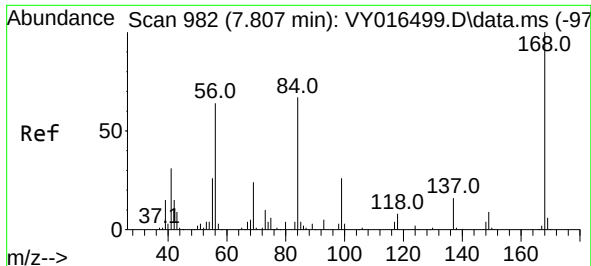
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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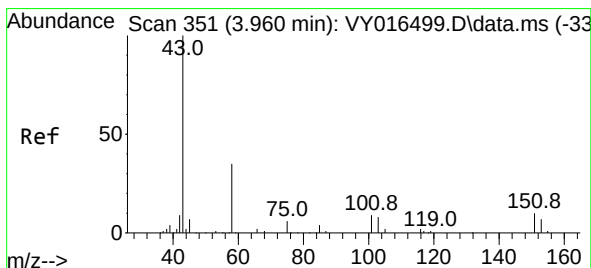
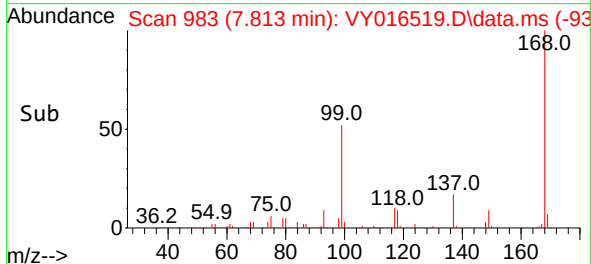
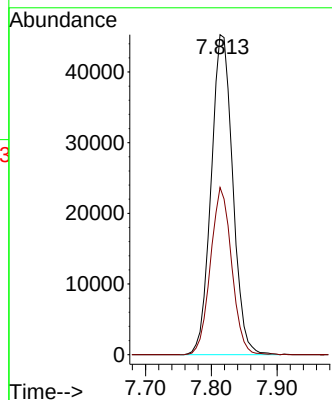
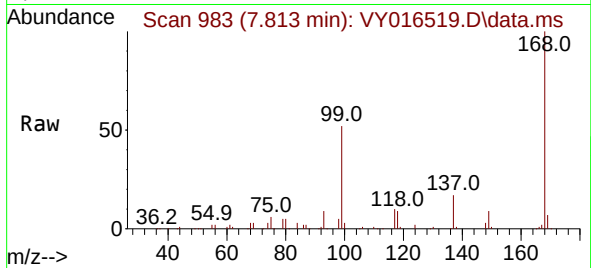




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016519.D
Acq: 28 Nov 2023 14:36

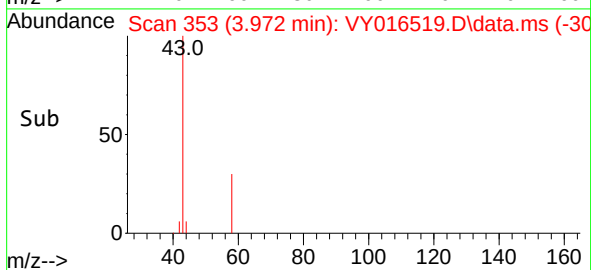
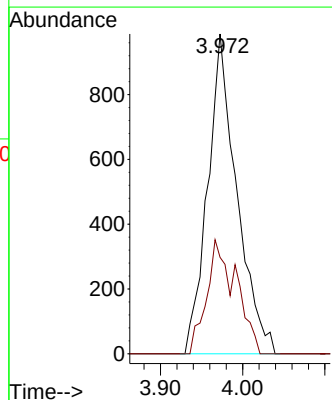
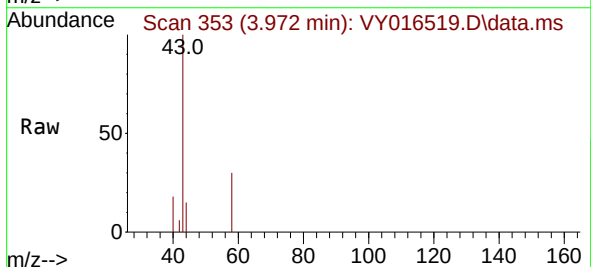
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

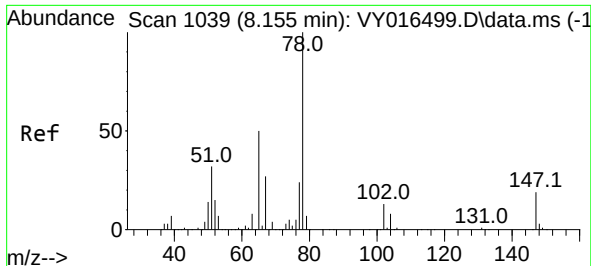
Tgt Ion:168 Resp: 103518
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#16
Acetone
Concen: 15.527 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016519.D
Acq: 28 Nov 2023 14:36

Tgt Ion: 43 Resp: 2430
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1

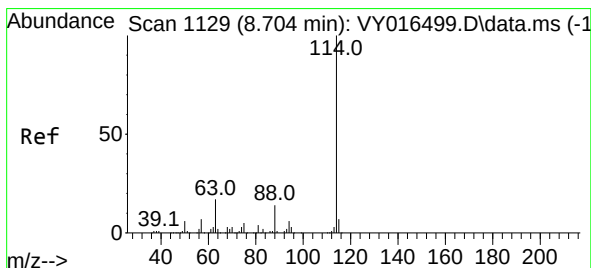
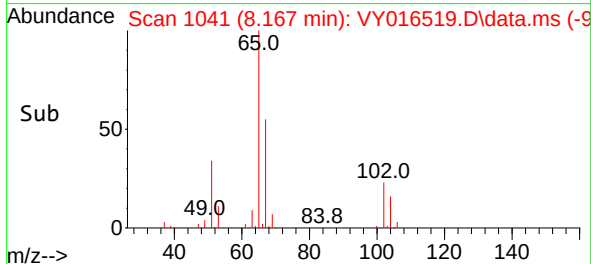
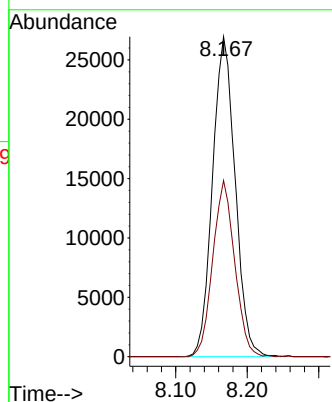
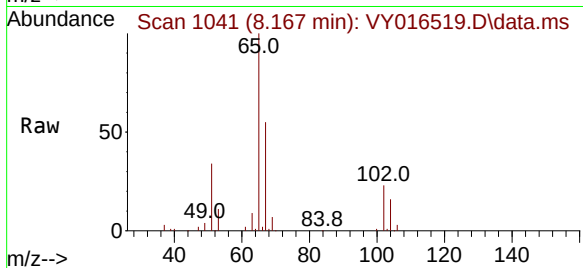




#33
 1,2-Dichloroethane-d4
 Concen: 62.652 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY016519.D
 Acq: 28 Nov 2023 14:36

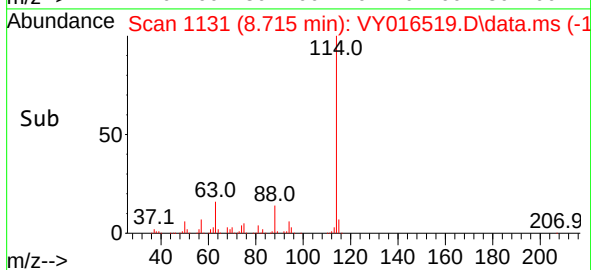
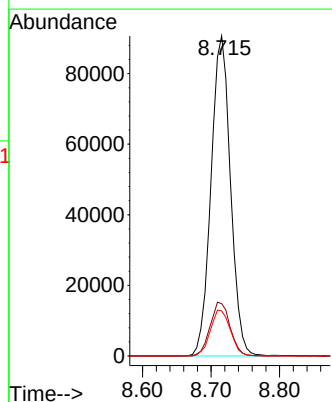
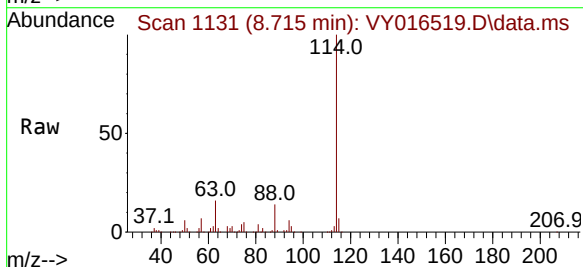
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

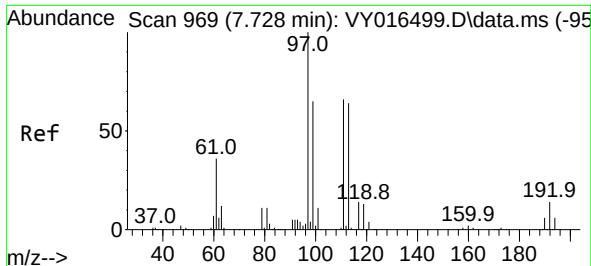
Tgt Ion: 65 Resp: 59276
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.715 min Scan# 1131
 Delta R.T. 0.012 min
 Lab File: VY016519.D
 Acq: 28 Nov 2023 14:36

Tgt Ion: 114 Resp: 178781
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 42.4
 88 14.1 0.0 30.6

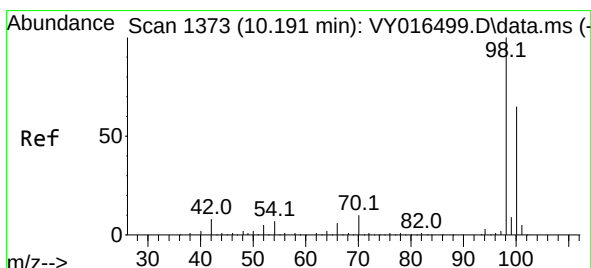
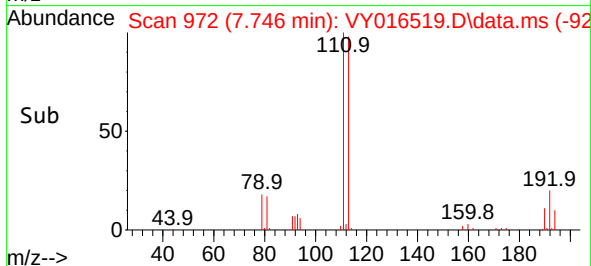
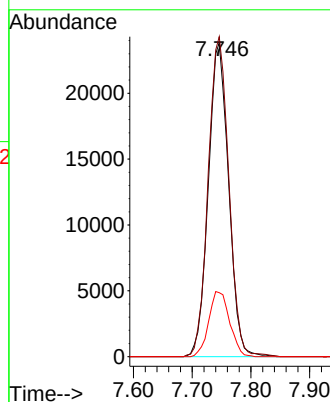
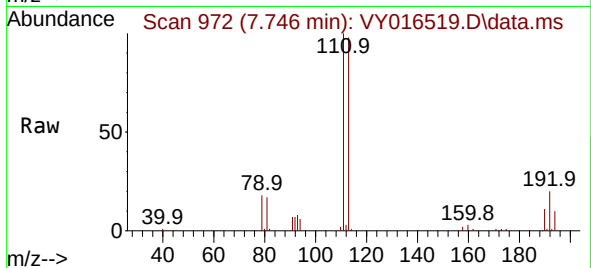




#35
Dibromofluoromethane
Concen: 56.211 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016519.D
Acq: 28 Nov 2023 14:36

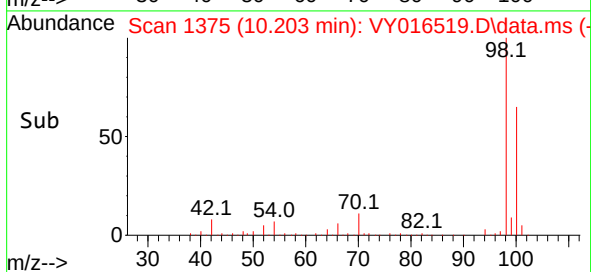
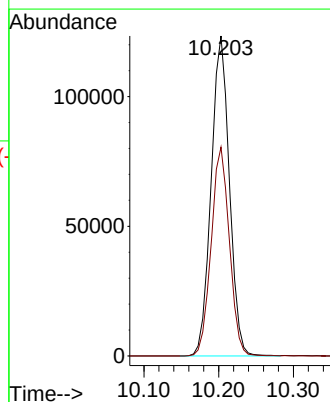
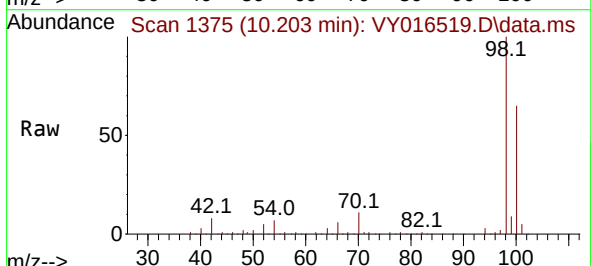
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

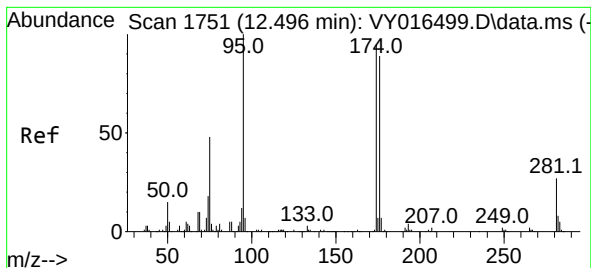
Tgt Ion:113 Resp: 57087
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.3 16.9 25.3



#50
Toluene-d8
Concen: 50.698 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016519.D
Acq: 28 Nov 2023 14:36

Tgt Ion: 98 Resp: 208795
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

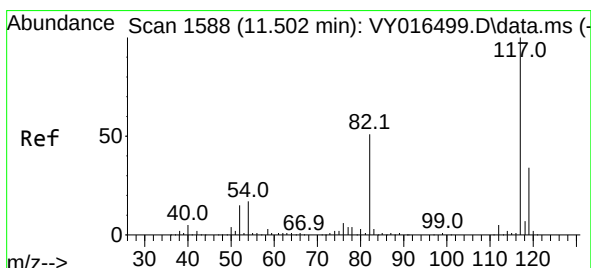
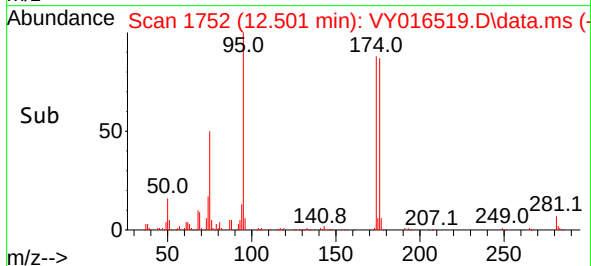
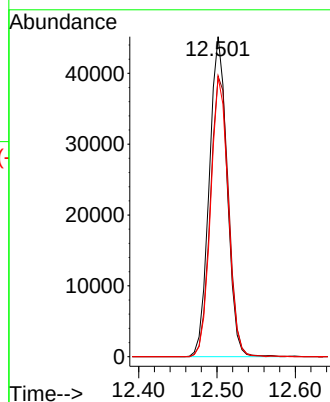
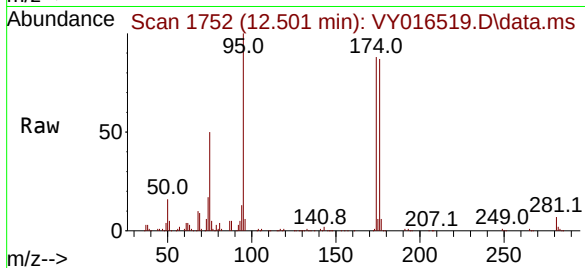




#62
4-Bromofluorobenzene
Concen: 53.434 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016519.D
Acq: 28 Nov 2023 14:36

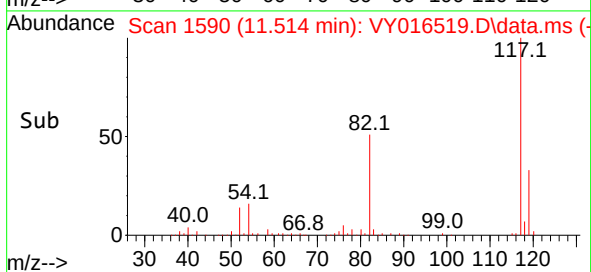
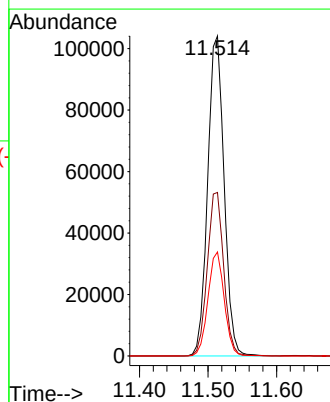
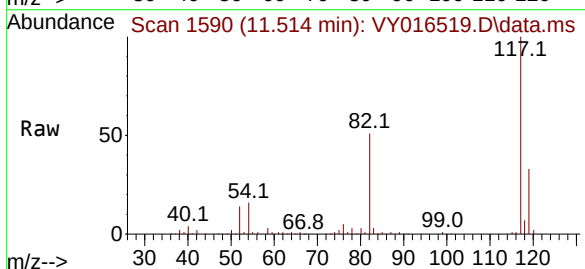
Instrument :
MSVOA_Y
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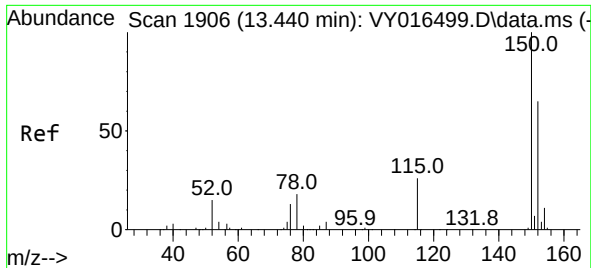
Tgt Ion: 95 Resp: 71474
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 85.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016519.D
Acq: 28 Nov 2023 14:36

Tgt Ion: 117 Resp: 173927
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016519.D

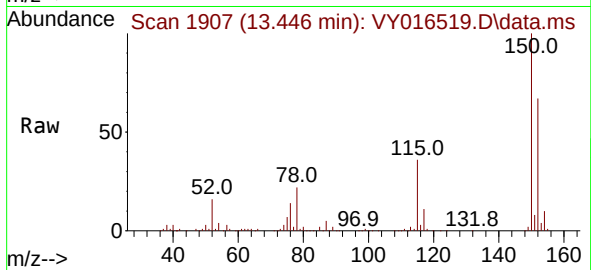
Acq: 28 Nov 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-2



Tgt Ion:152 Resp: 79064

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.3 0.0 348.8

