

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016087.D
 Acq On : 26 Oct 2023 19:06
 Operator : SY/MD
 Sample : 05050-06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1

Quant Time: Oct 27 04:21:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

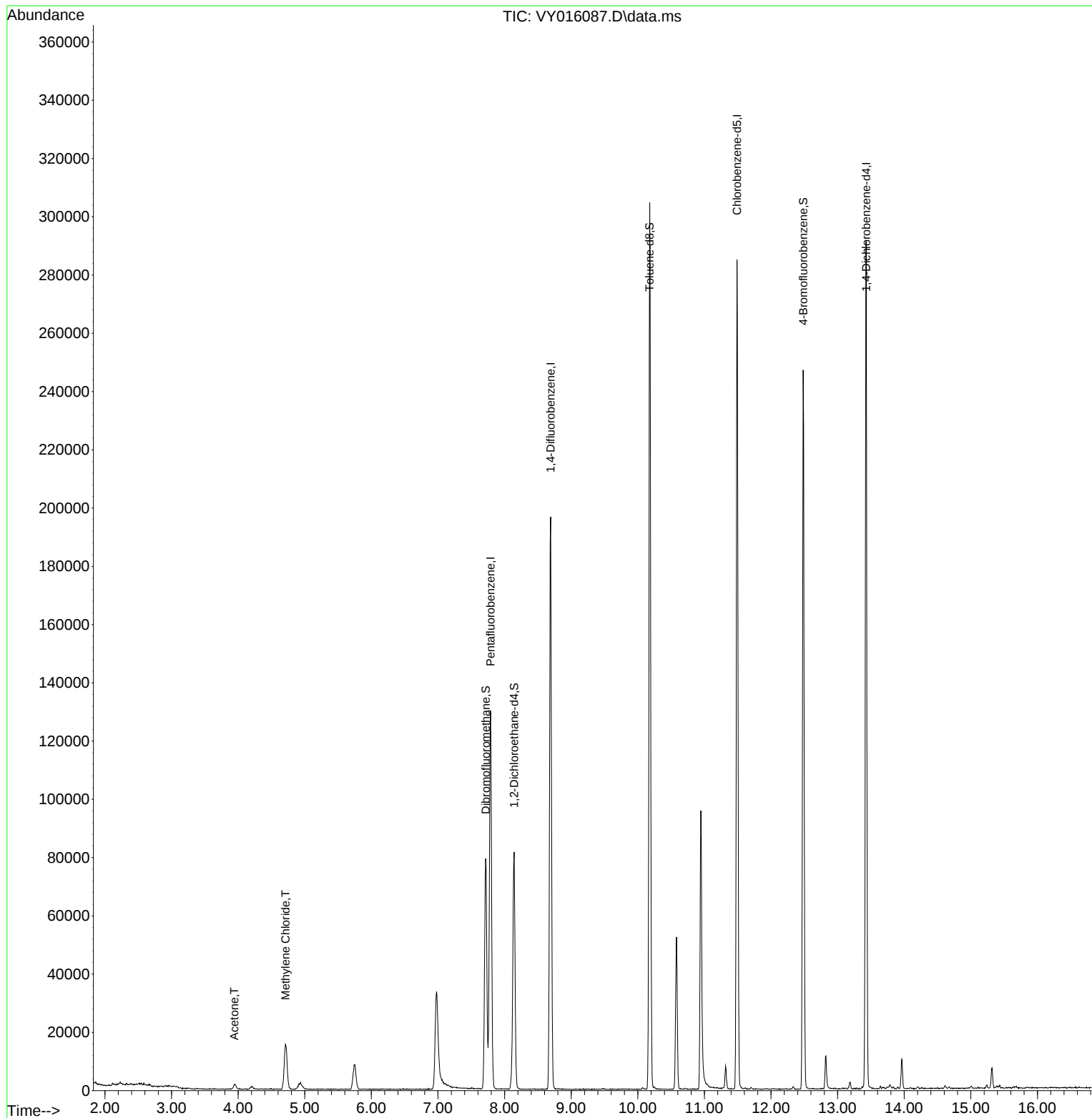
Internal Standards						
1) Pentafluorobenzene	7.789	168	102379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	160147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61290	60.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.420%
35) Dibromofluoromethane	7.716	113	58197	53.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.860%
50) Toluene-d8	10.179	98	203268	50.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.483	95	67185	48.541	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.080%
Target Compounds						
16) Acetone	3.942	43	3472	12.583	ug/l	99
20) Methylene Chloride	4.710	84	12279	6.335	ug/l	88

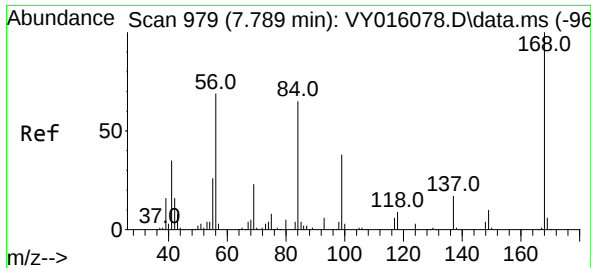
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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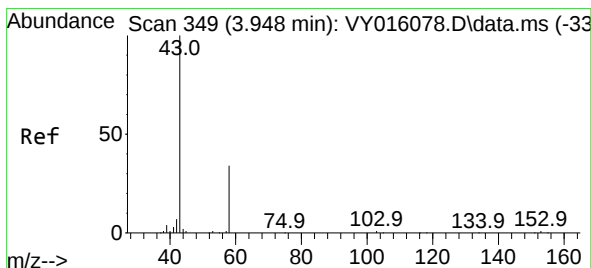
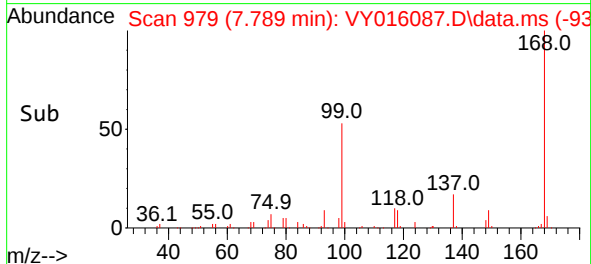
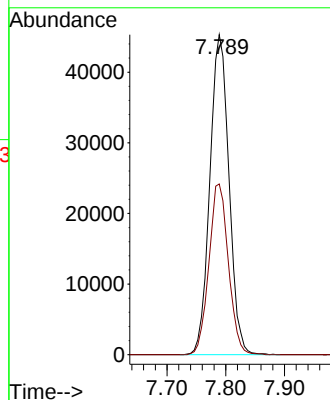
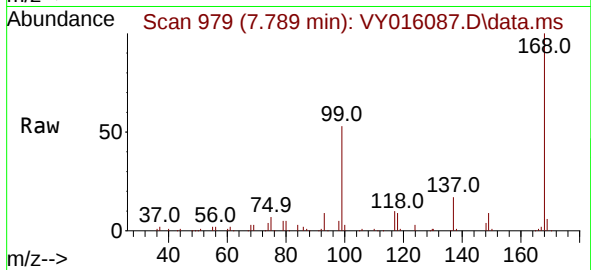




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

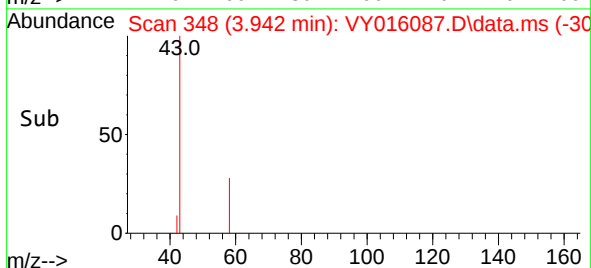
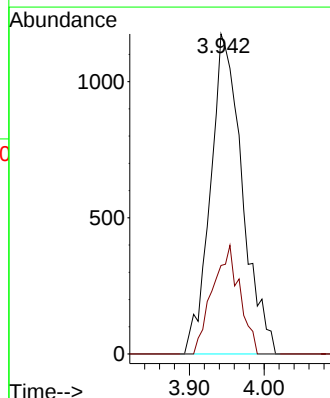
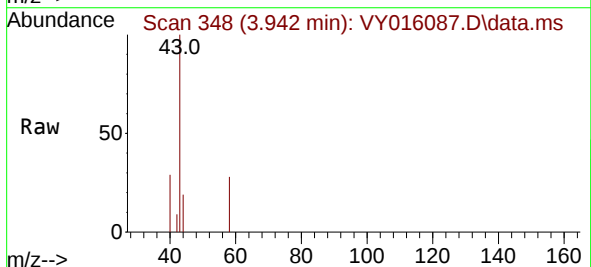
Instrument :
MSVOA_Y
ClientSampleId :
B1

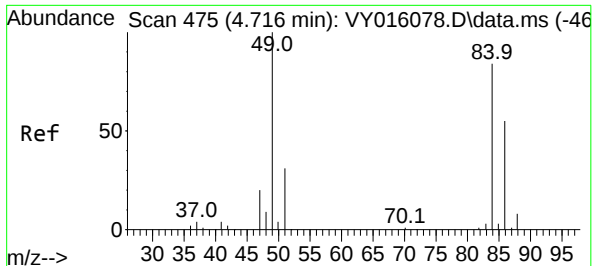
Tgt Ion:168 Resp: 102379
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 12.583 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion: 43 Resp: 3472
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1

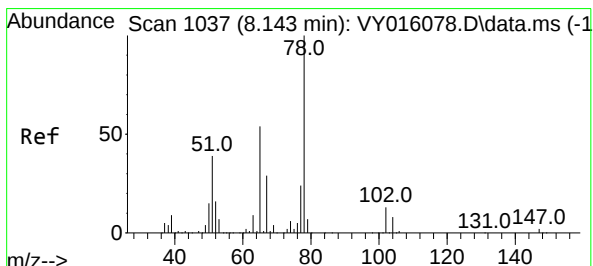
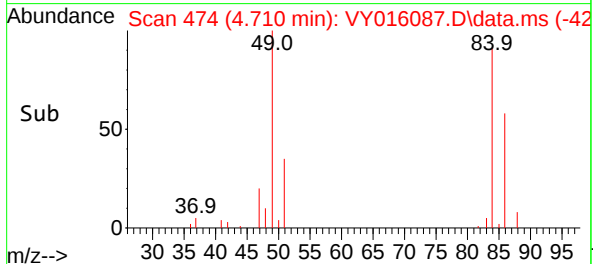
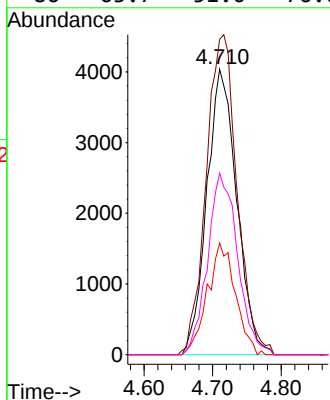
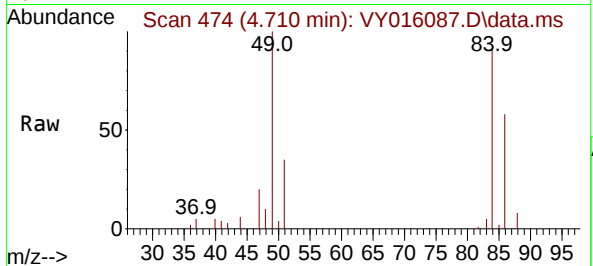




#20
Methylene Chloride
Concen: 6.335 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

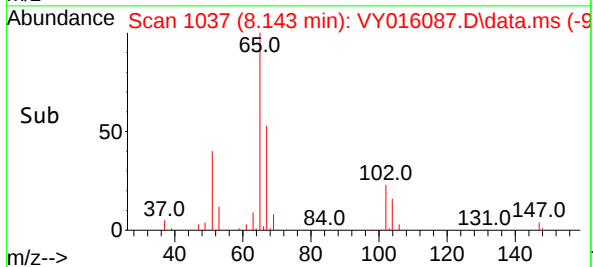
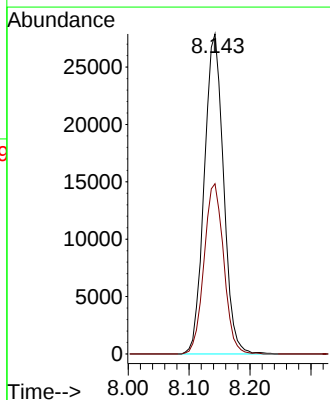
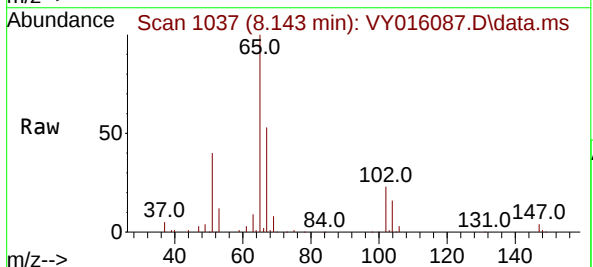
Instrument :
MSVOA_Y
ClientSampleId :
B1

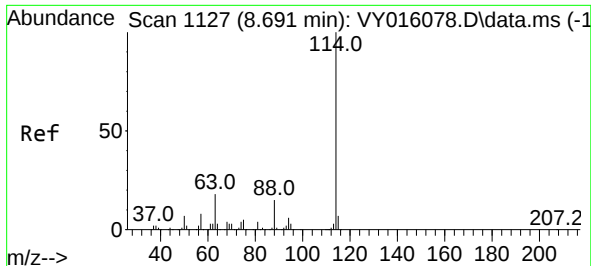
Tgt Ion:	84	Resp:	12279
Ion	Ratio	Lower	Upper
84	100		
49	110.5	106.9	160.3
51	39.1	33.2	49.8
86	63.7	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 60.205 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion:	65	Resp:	61290
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	101.8

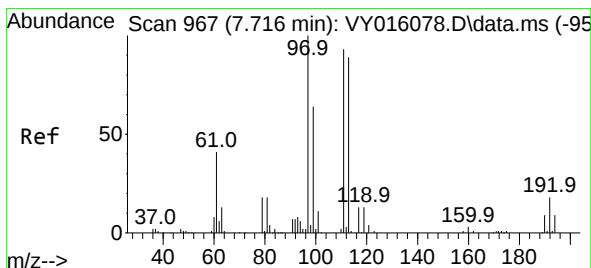
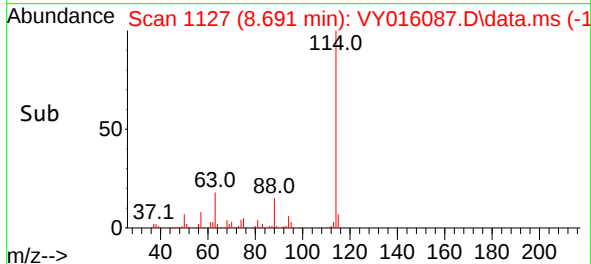
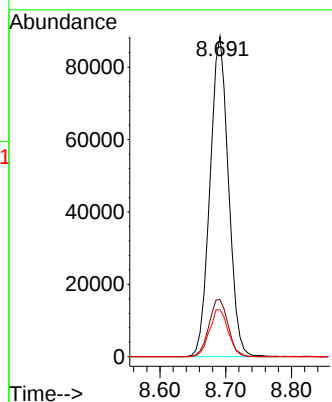
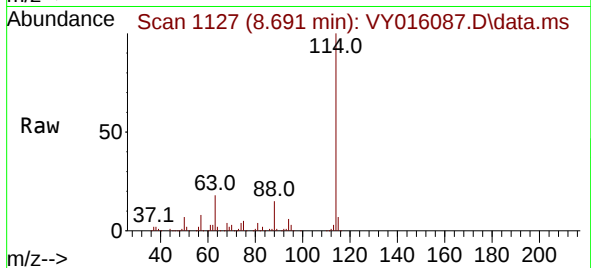




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

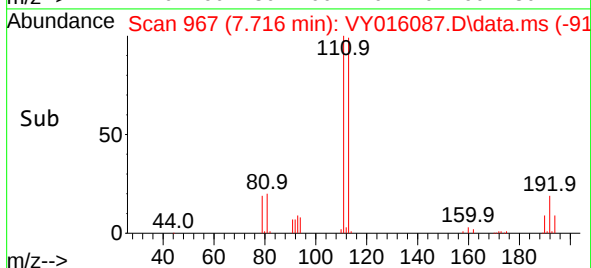
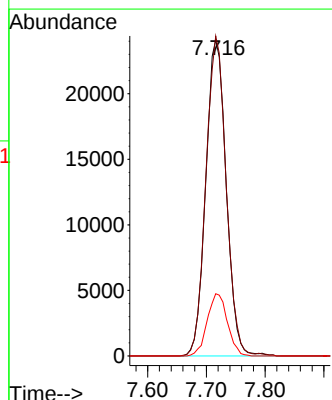
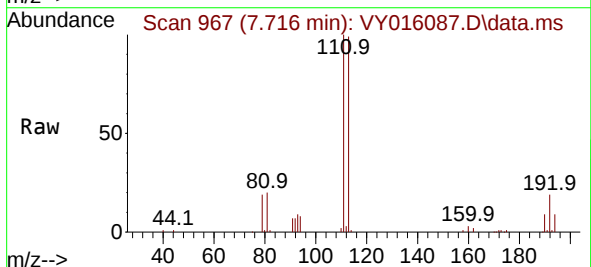
Instrument :
MSVOA_Y
ClientSampleId :
B1

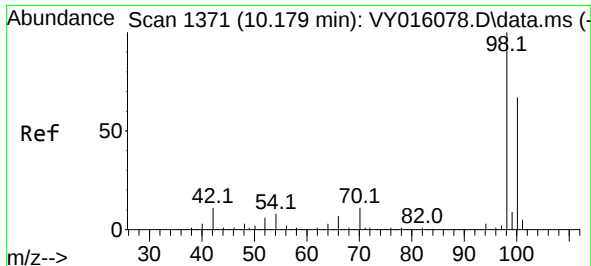
Tgt Ion:114 Resp: 172551
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.426 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion:113 Resp: 58197
Ion Ratio Lower Upper
113 100
111 99.9 81.3 121.9
192 19.5 16.9 25.3

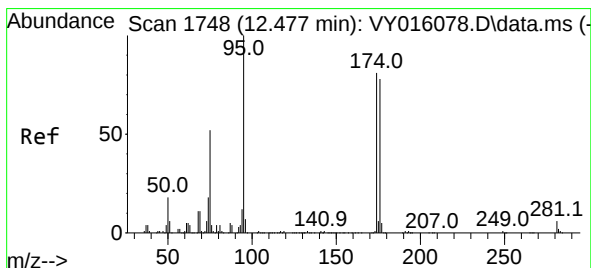
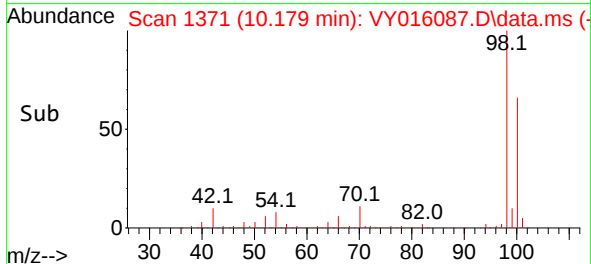
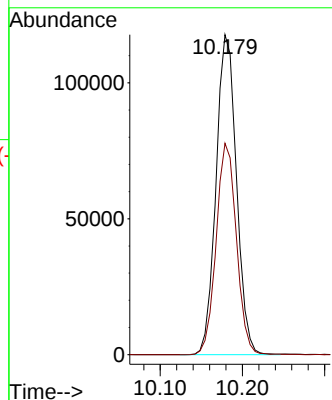
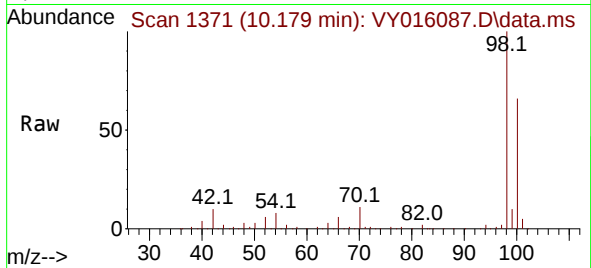




#50
Toluene-d8
Concen: 50.377 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

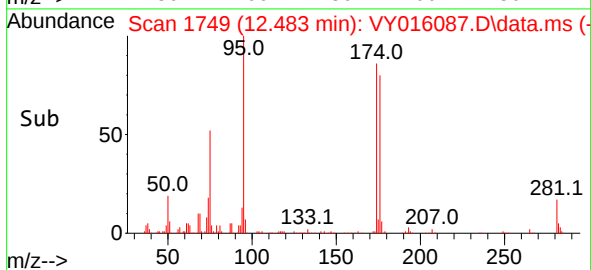
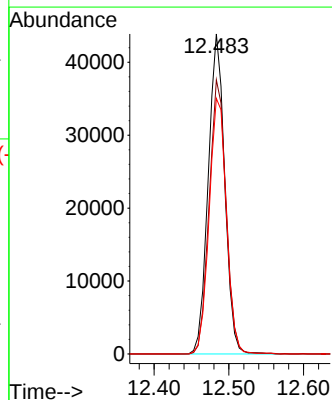
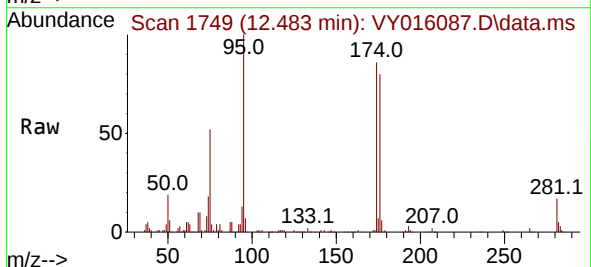
Instrument :
MSVOA_Y
ClientSampleId :
B1

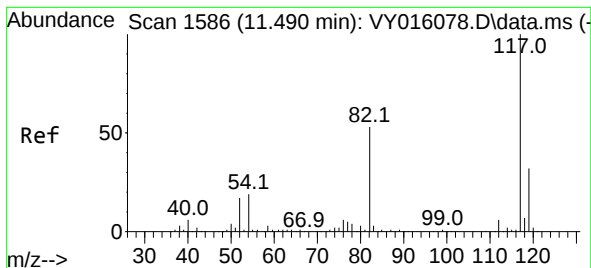
Tgt Ion: 98 Resp: 203268
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016087.D
Acq: 26 Oct 2023 19:06

Tgt Ion: 95 Resp: 67185
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016087.D

Acq: 26 Oct 2023 19:06

Instrument :

MSVOA_Y

ClientSampleId :

B1

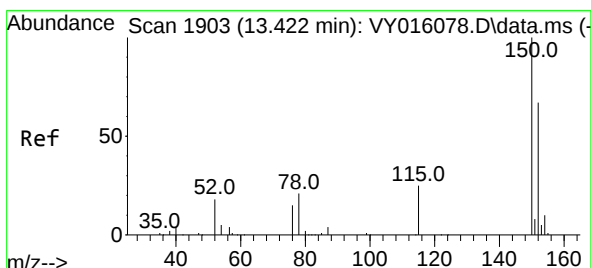
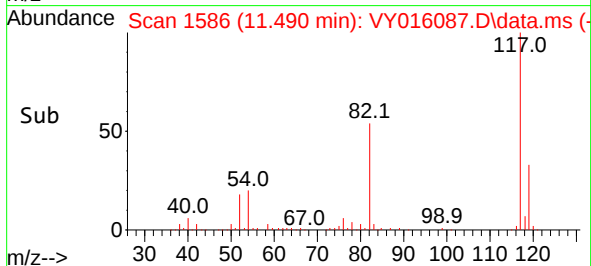
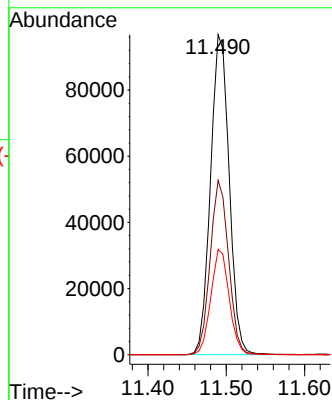
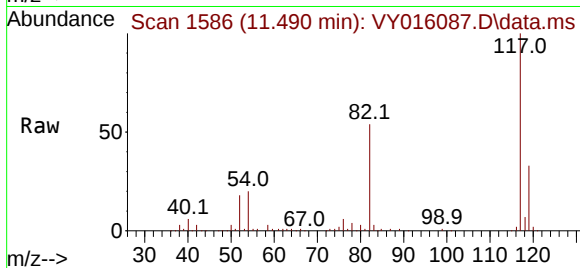
Tgt Ion:117 Resp: 160147

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016087.D

Acq: 26 Oct 2023 19:06

Tgt Ion:152 Resp: 75037

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 156.8 0.0 348.8

