

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016129.D
 Acq On : 30 Oct 2023 13:26
 Operator : SY/MD
 Sample : 05048-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-STONE

Quant Time: Oct 31 01:29:24 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)

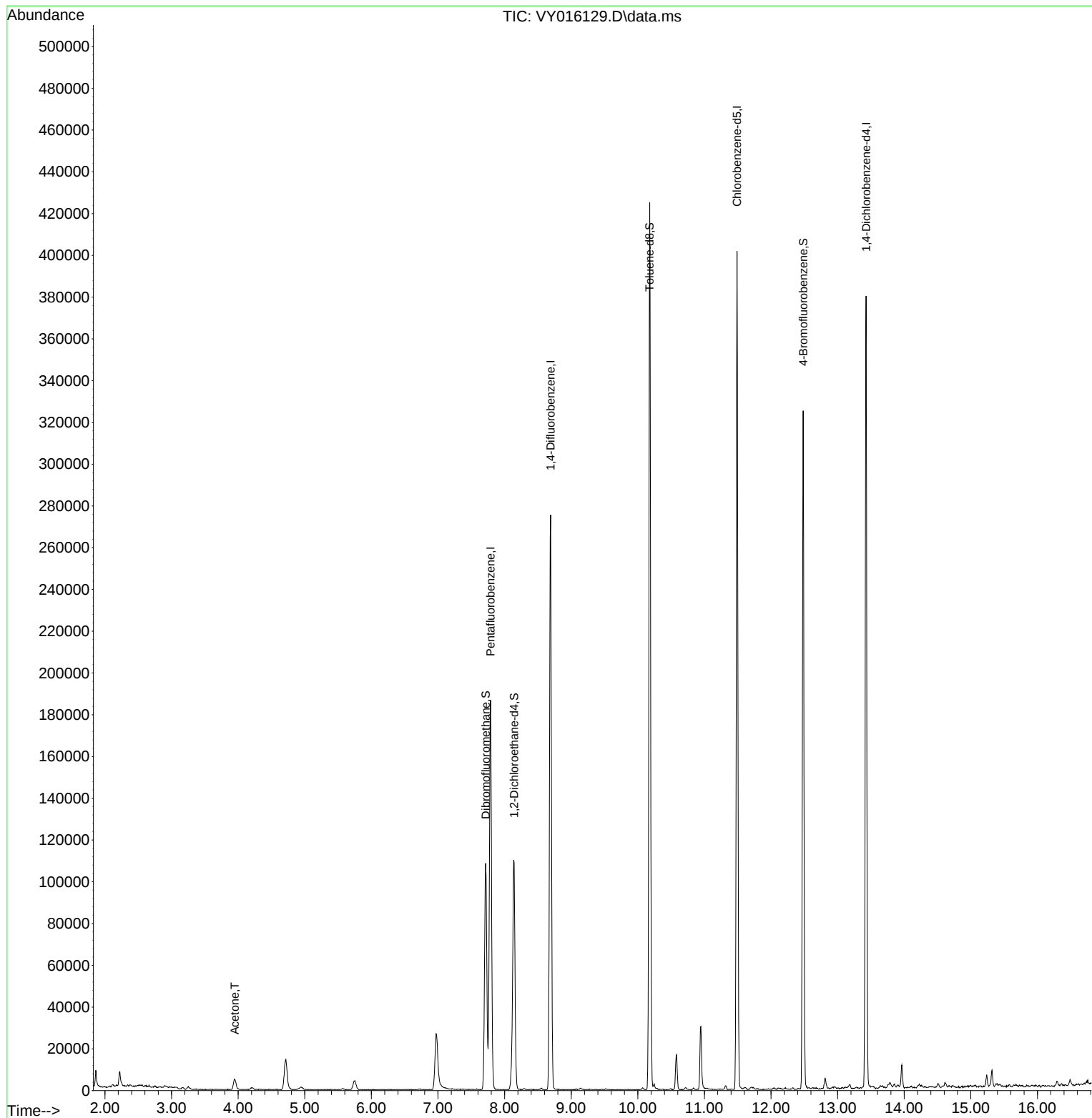
Internal Standards						
1) Pentafluorobenzene	7.789	168	146605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83394	57.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.420%
35) Dibromofluoromethane	7.716	113	77386	50.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.179	98	281789	49.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.483	95	94073	48.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.540%
Target Compounds						
16) Acetone	3.948	43	9622	24.352	ug/l	Qvalue 97

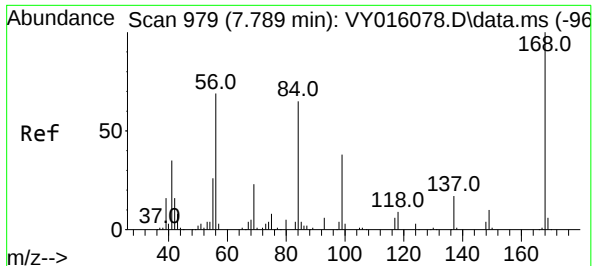
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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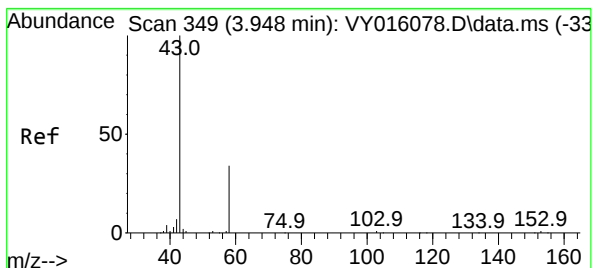
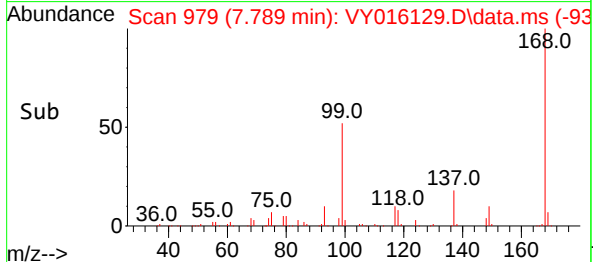
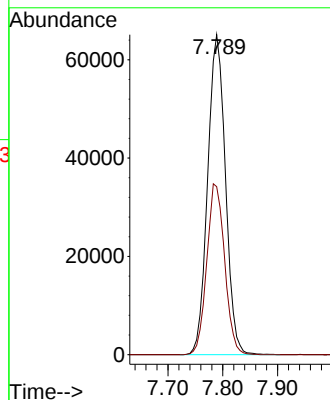
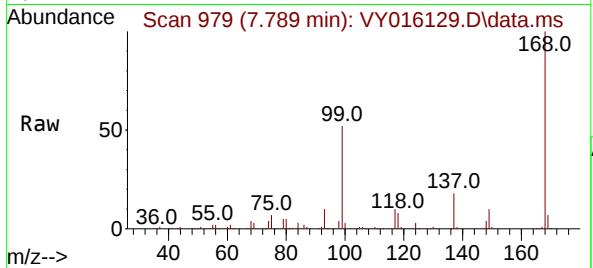




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

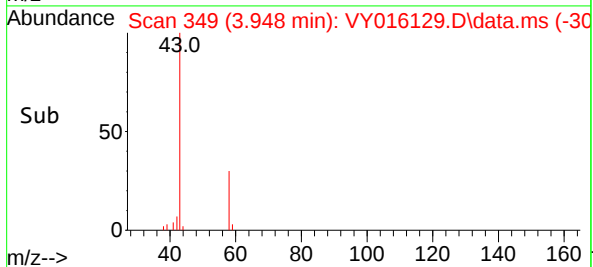
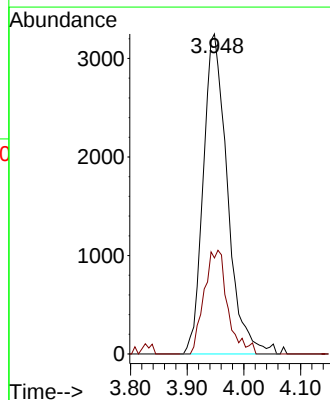
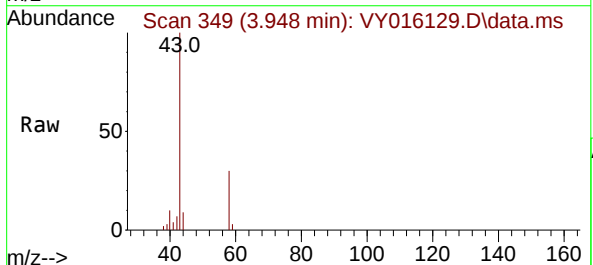
Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE

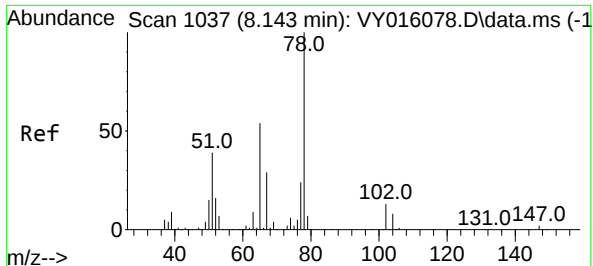
Tgt Ion:168 Resp: 146605
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 24.352 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Tgt Ion: 43 Resp: 9622
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 57.206 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016129.D

Acq: 30 Oct 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

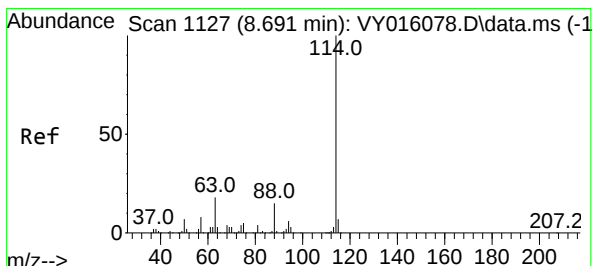
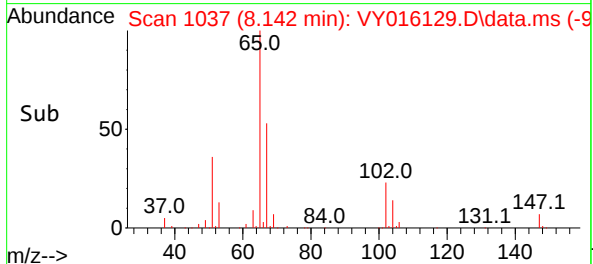
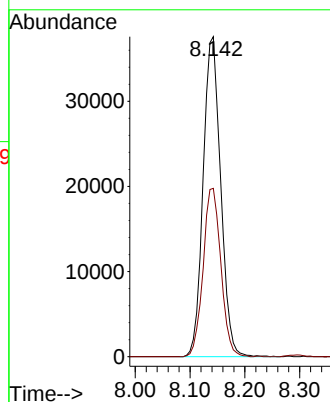
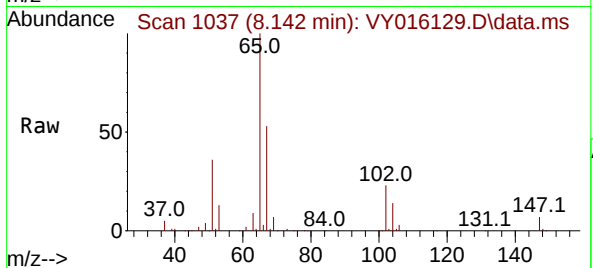
OILY-STONE

Tgt Ion: 65 Resp: 83394

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016129.D

Acq: 30 Oct 2023 13:26

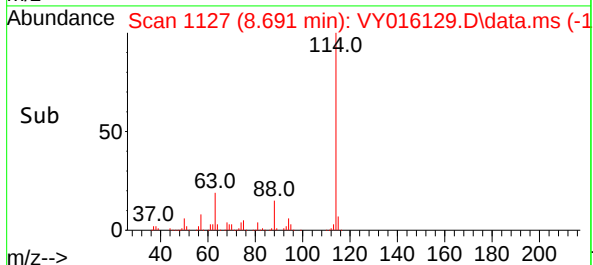
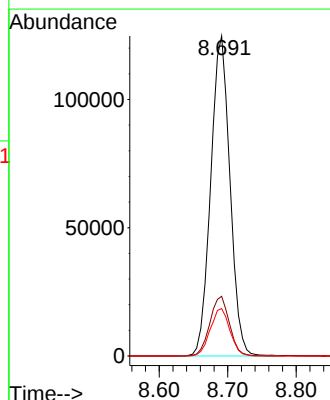
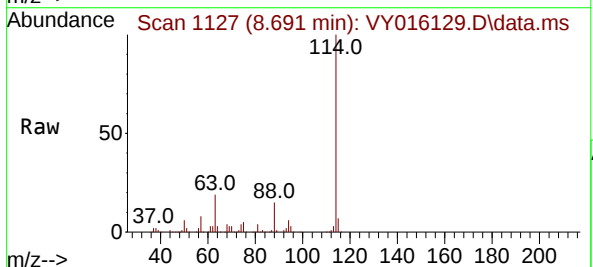
Tgt Ion: 114 Resp: 242941

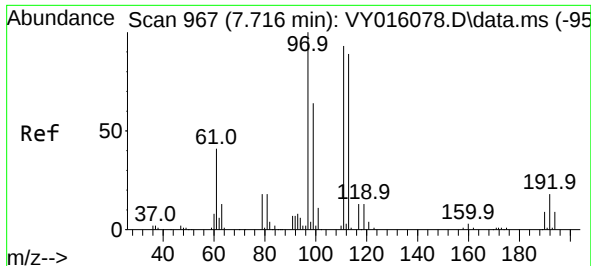
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6

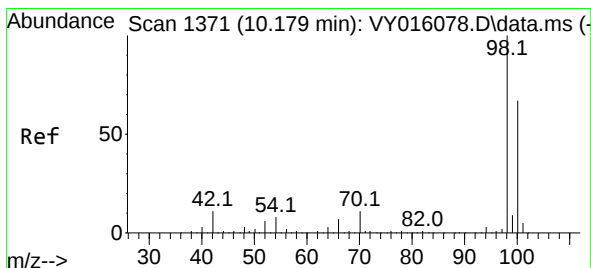
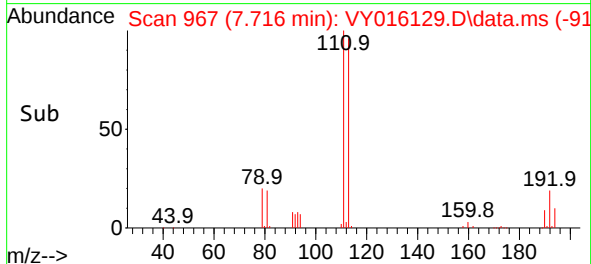
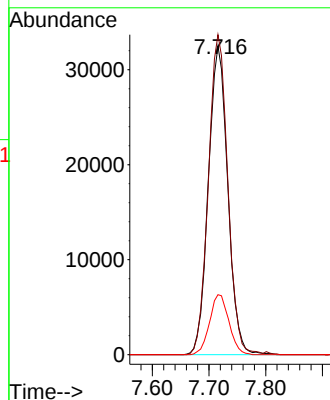
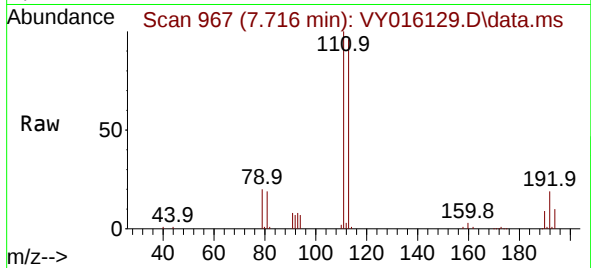




#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

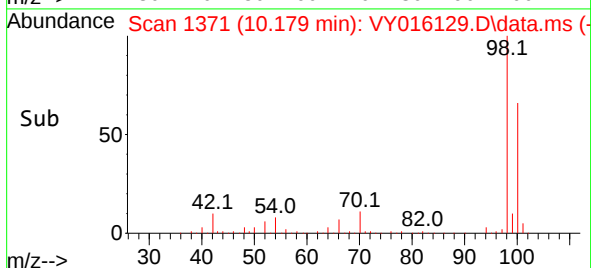
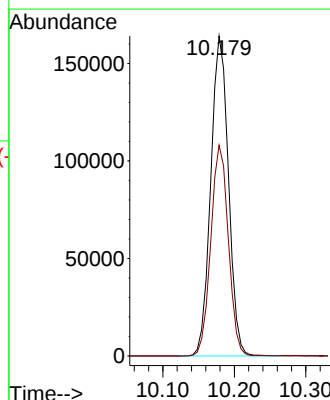
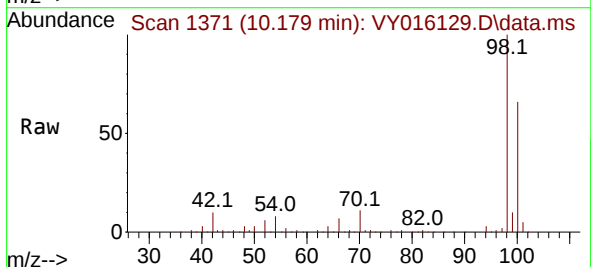
Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE

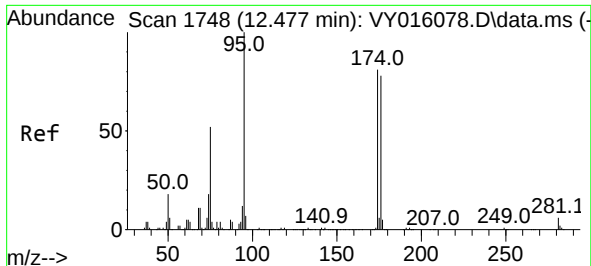
Tgt Ion:113 Resp: 77386
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

Tgt Ion: 98 Resp: 281789
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

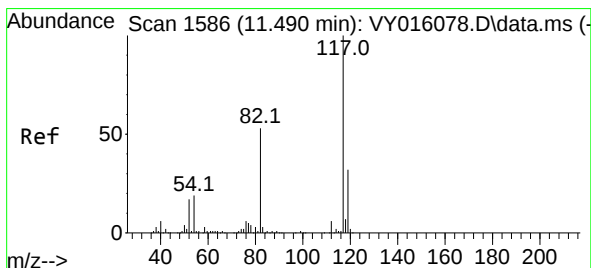
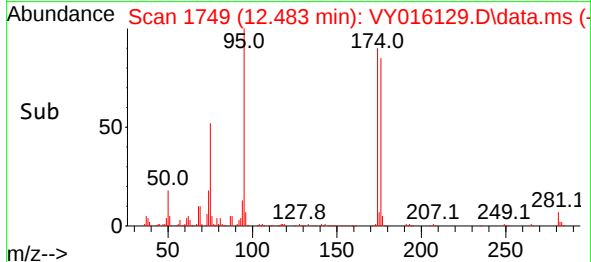
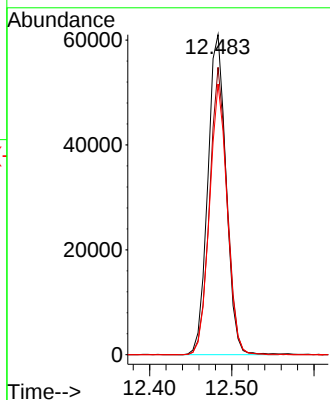
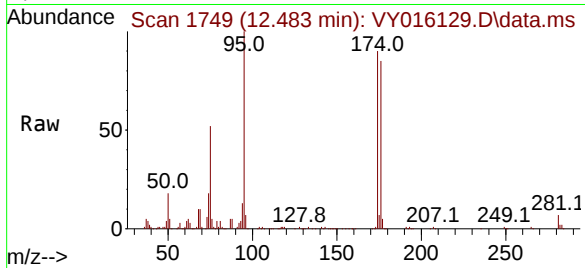




#62
4-Bromofluorobenzene
Concen: 48.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

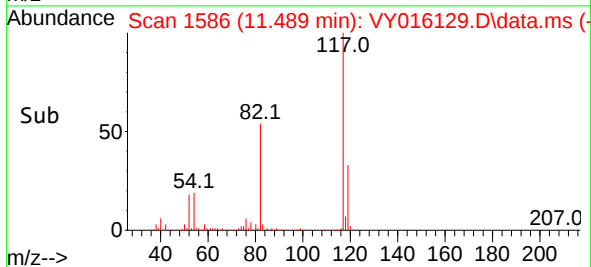
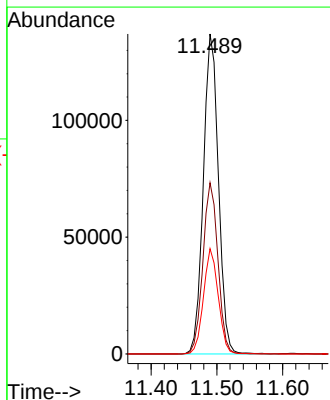
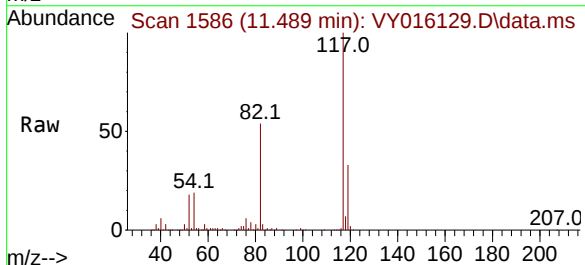
Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE

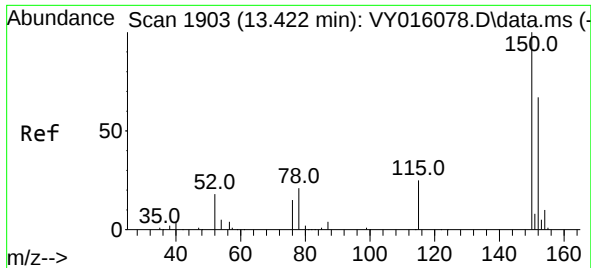
Tgt Ion: 95 Resp: 94073
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 82.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016129.D
Acq: 30 Oct 2023 13:26

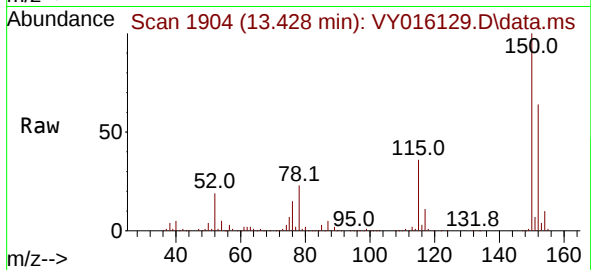
Tgt Ion: 117 Resp: 219139
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY016129.D
 Acq: 30 Oct 2023 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 OILY-STONE



Tgt Ion:152 Resp: 100032
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 157.5 0.0 348.8

