

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016487.D
 Acq On : 24 Nov 2023 16:15
 Operator : SY/MD
 Sample : 05519-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-112123

Quant Time: Nov 27 04:47:23 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)

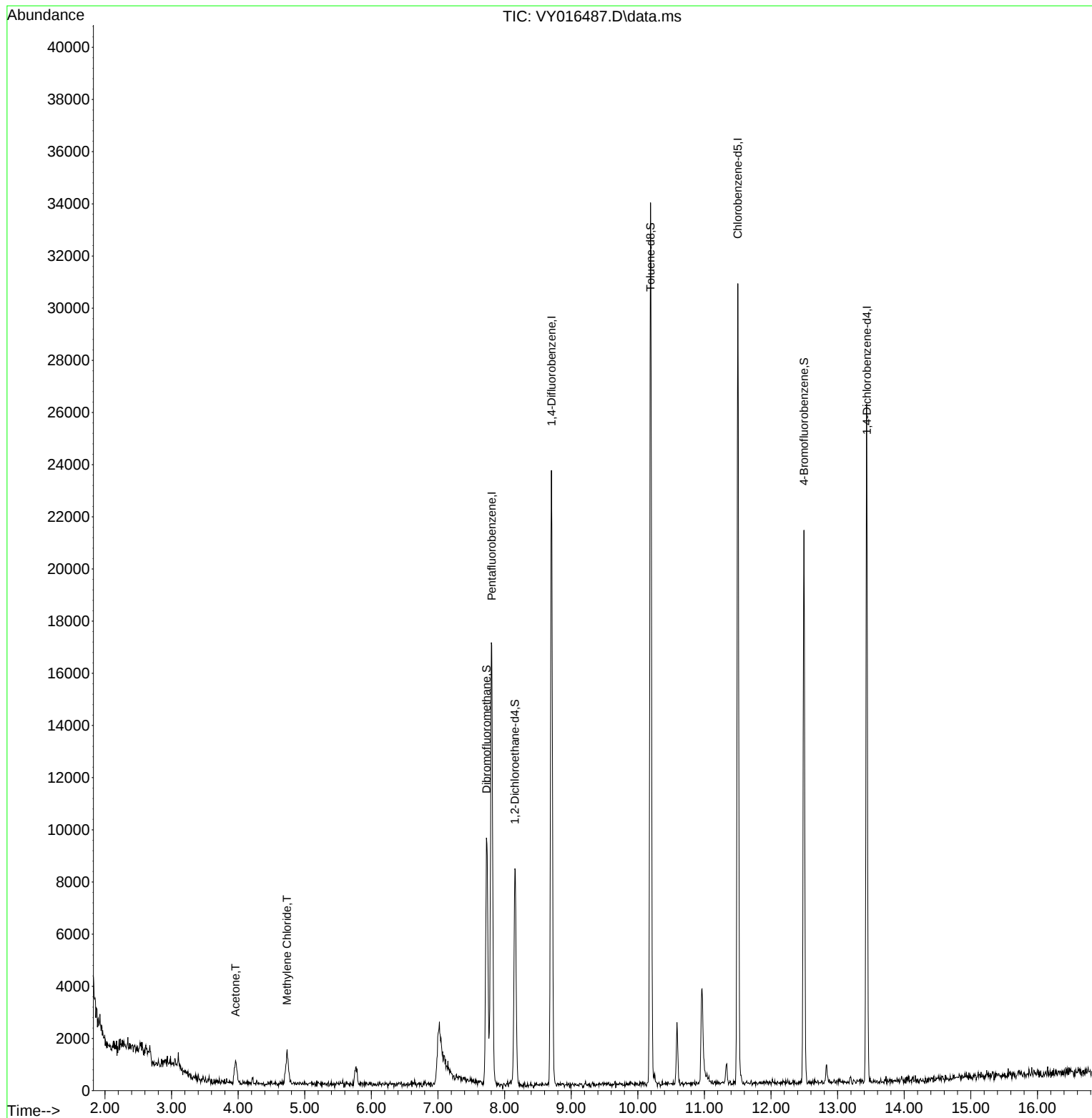
Internal Standards						
1) Pentafluorobenzene	7.807	168	14360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	22157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	17967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	7304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6850	52.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.380%	
35) Dibromofluoromethane	7.728	113	7178	57.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.060%	
50) Toluene-d8	10.191	98	24272	47.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.495	95	6445	38.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.760%	
Target Compounds						Qvalue
16) Acetone	3.960	43	1663	76.602	ug/l	94
20) Methylene Chloride	4.735	84	1085	3.863	ug/l #	79

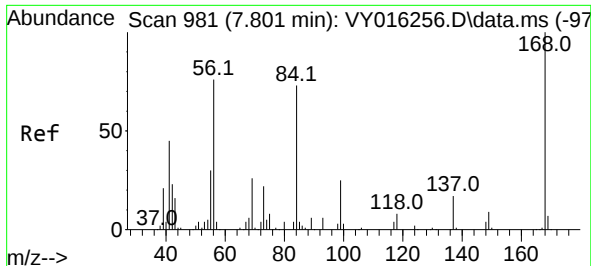
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
Data File : VY016487.D
Acq On : 24 Nov 2023 16:15
Operator : SY/MD
Sample : 05519-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112123

Quant Time: Nov 27 04:47:23 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

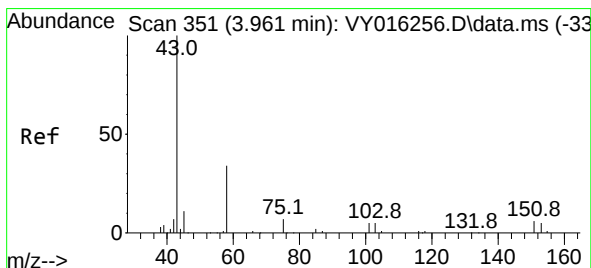
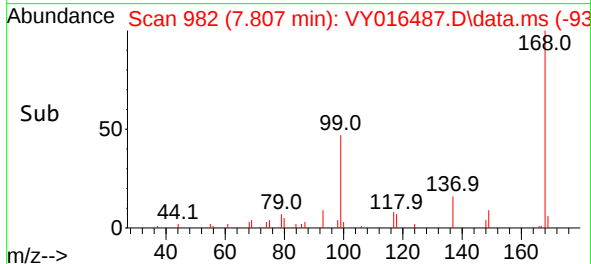
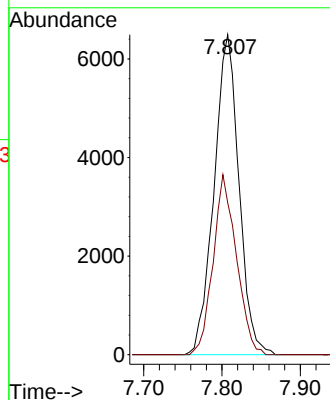
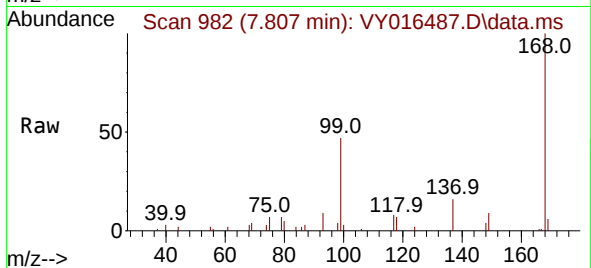




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

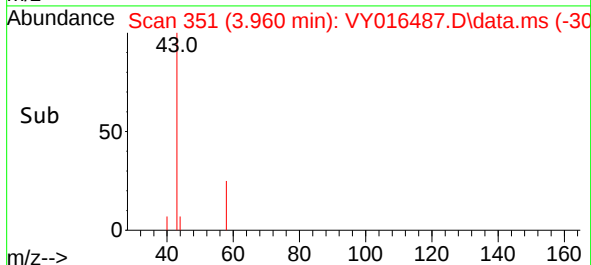
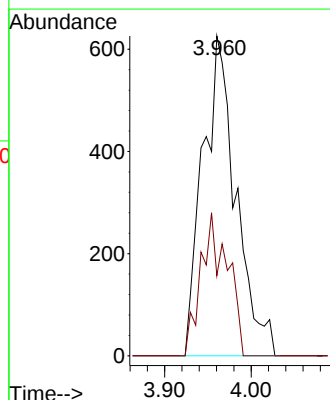
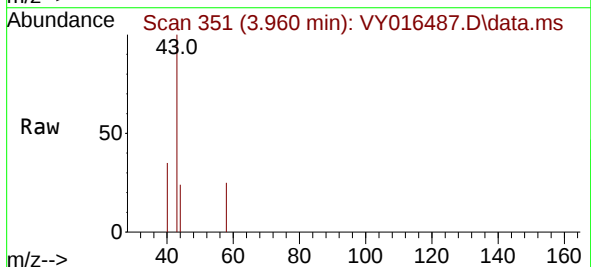
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112123

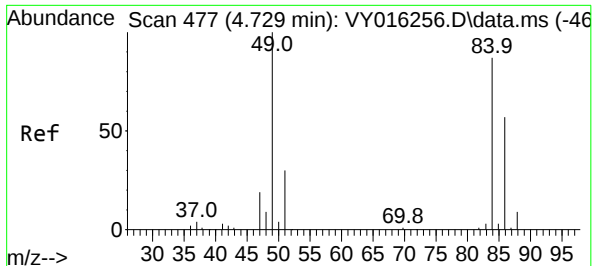
Tgt Ion:168 Resp: 14360
Ion Ratio Lower Upper
168 100
99 47.5 43.4 65.0



#16
Acetone
Concen: 76.602 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 25.1 22.7 34.1





#20

Methylene Chloride

Concen: 3.863 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016487.D

Acq: 24 Nov 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-112123

Tgt Ion: 84 Resp: 1085

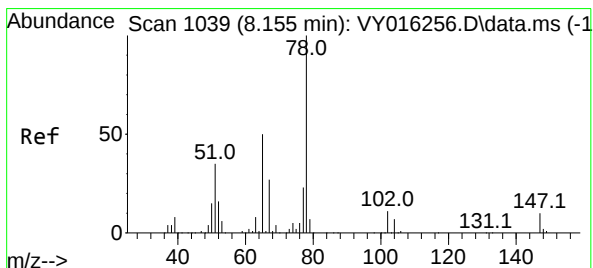
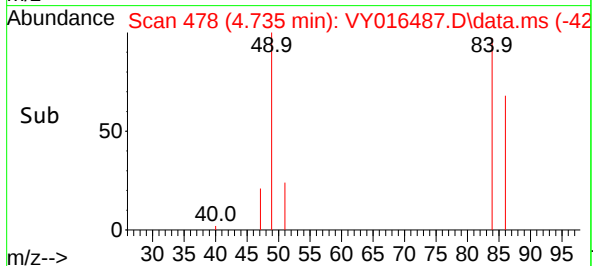
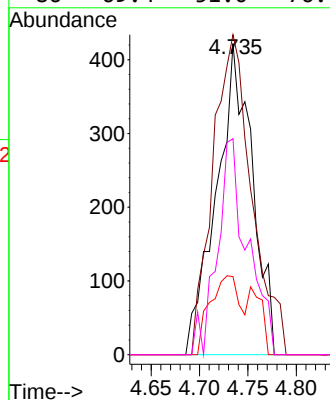
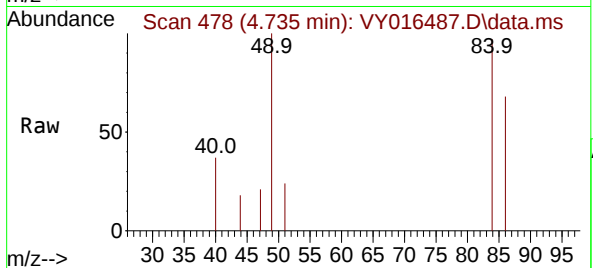
Ion Ratio Lower Upper

84 100

49 102.8 106.9 160.3#

51 25.1 33.2 49.8#

86 69.4 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 52.193 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016487.D

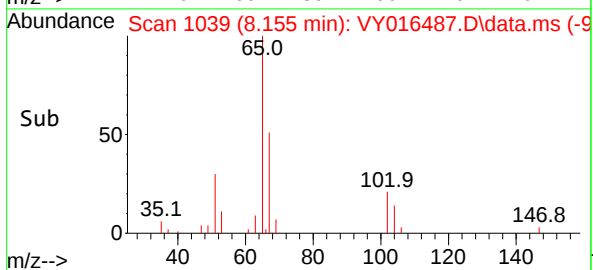
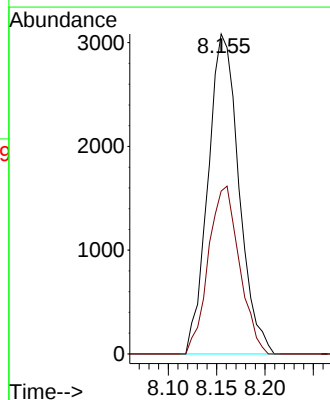
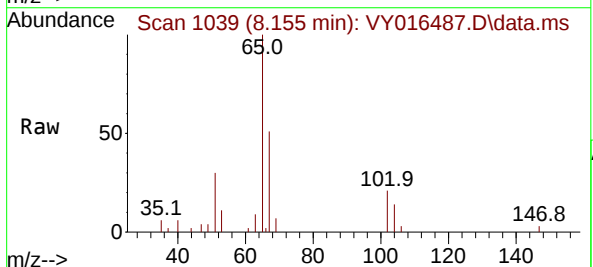
Acq: 24 Nov 2023 16:15

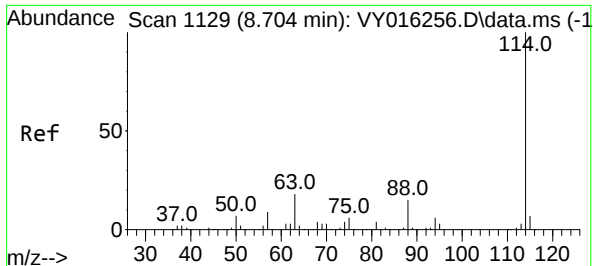
Tgt Ion: 65 Resp: 6850

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016487.D

Acq: 24 Nov 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-112123

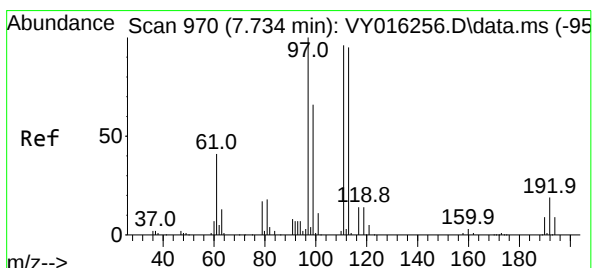
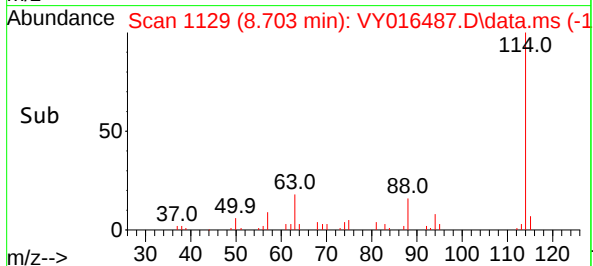
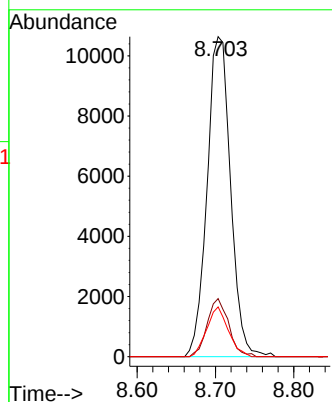
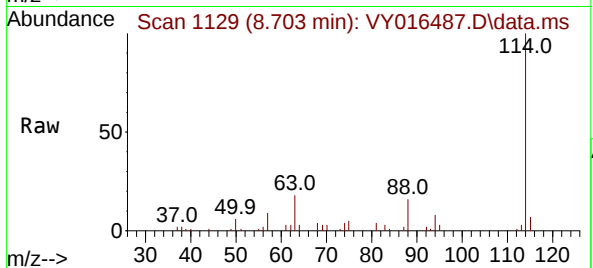
Tgt Ion:114 Resp: 22157

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.029 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016487.D

Acq: 24 Nov 2023 16:15

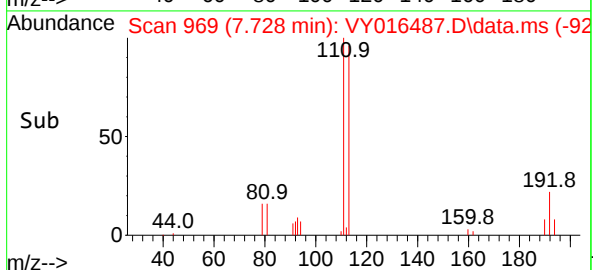
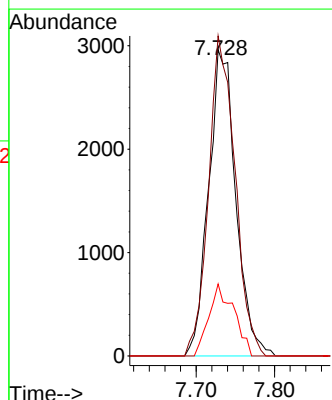
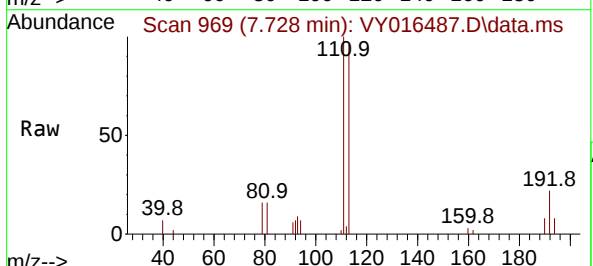
Tgt Ion:113 Resp: 7178

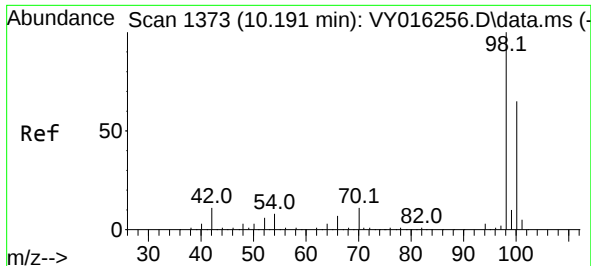
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 21.4 16.9 25.3

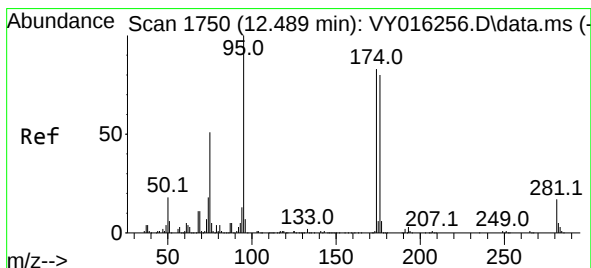
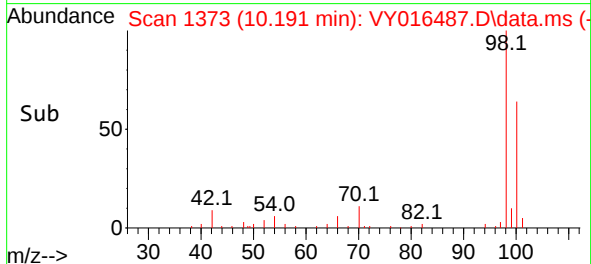
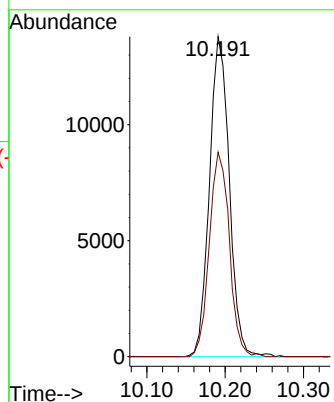
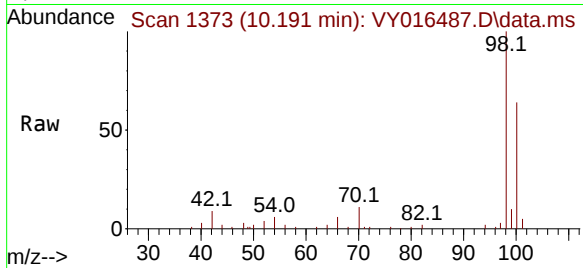




#50
Toluene-d8
Concen: 47.554 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

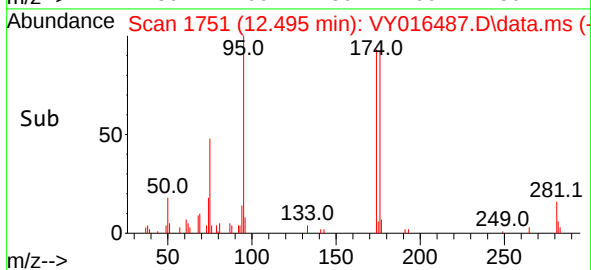
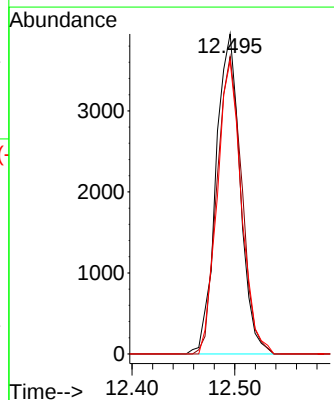
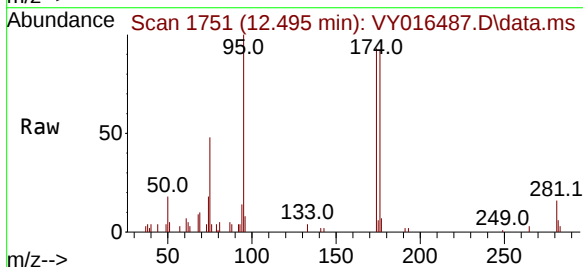
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112123

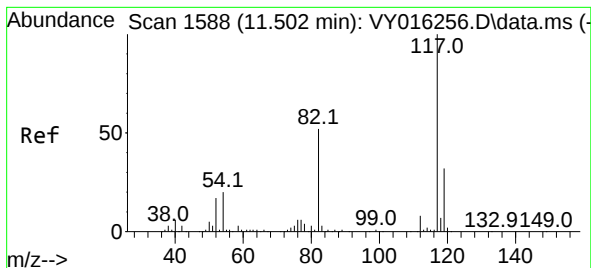
Tgt Ion: 98 Resp: 24272
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.878 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016487.D
Acq: 24 Nov 2023 16:15

Tgt Ion: 95 Resp: 6445
Ion Ratio Lower Upper
95 100
174 95.3 0.0 178.2
176 91.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016487.D

Acq: 24 Nov 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-112123

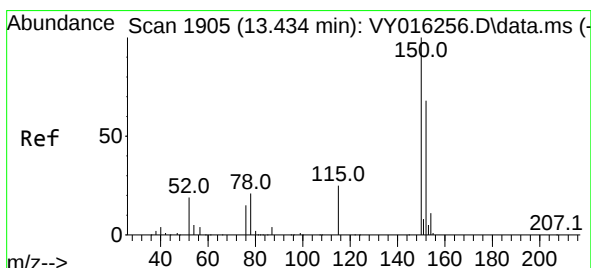
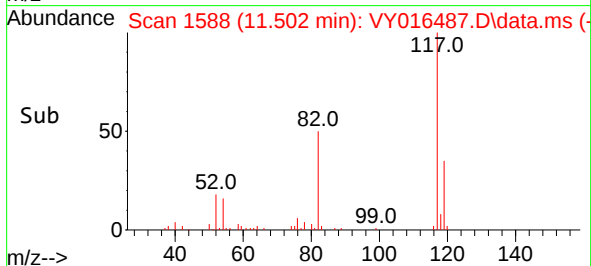
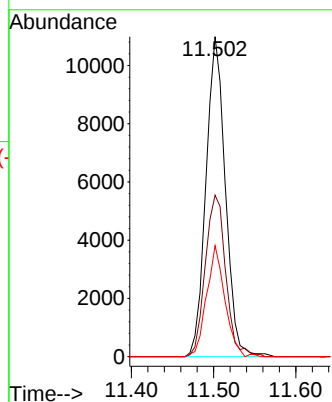
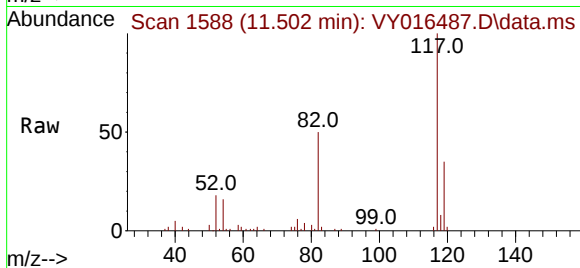
Tgt Ion:117 Resp: 17967

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 34.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016487.D

Acq: 24 Nov 2023 16:15

Tgt Ion:152 Resp: 7304

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 159.8 0.0 348.8

