

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016488.D
 Acq On : 24 Nov 2023 16:39
 Operator : SY/MD
 Sample : 05434-02
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Nov 27 04:47:40 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)

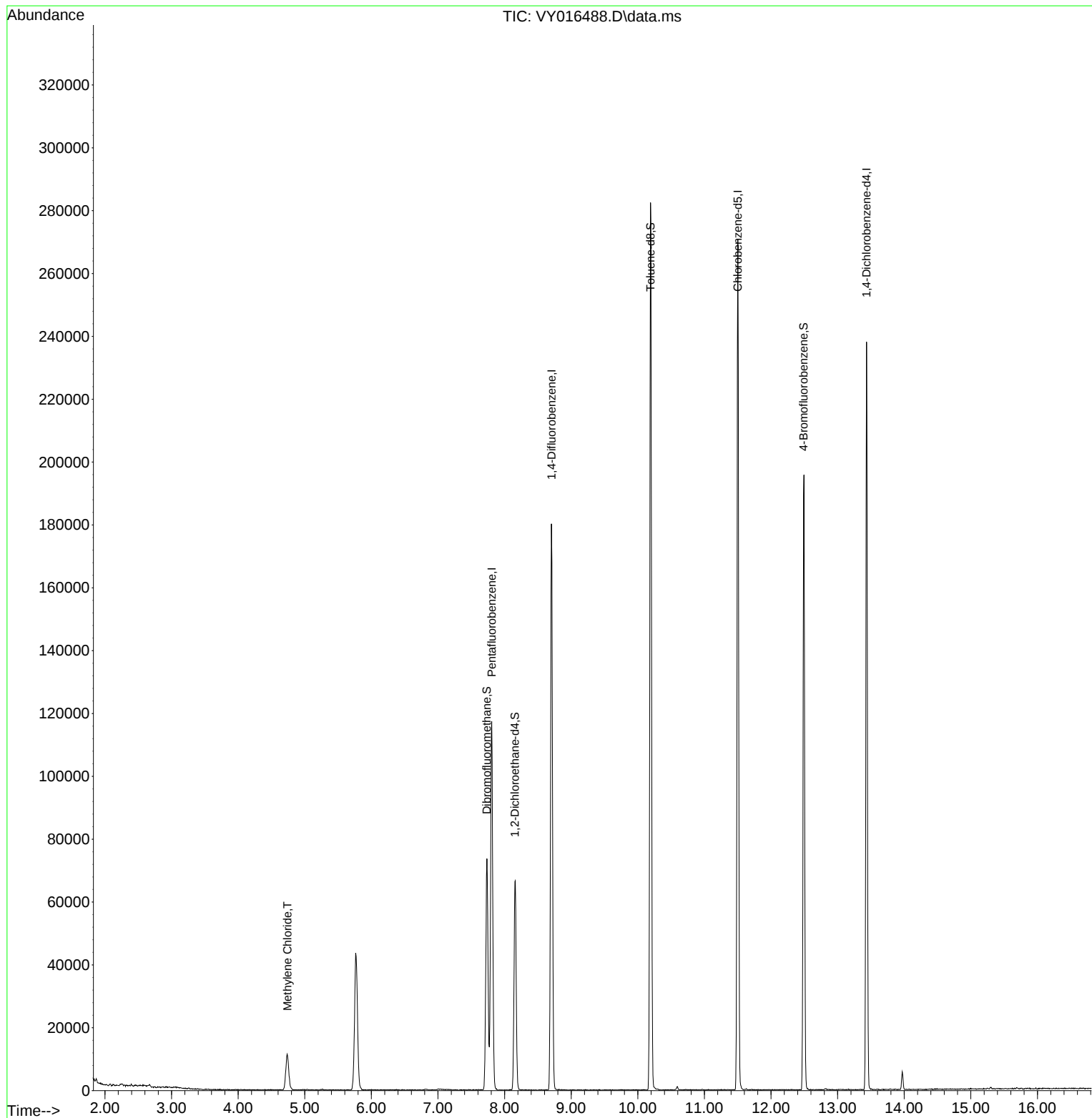
Internal Standards						
1) Pentafluorobenzene	7.807	168	95550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	165184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	157518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	65223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54863	62.823	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.640%	
35) Dibromofluoromethane	7.734	113	53337	56.841	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	113.680%	
50) Toluene-d8	10.191	98	195115	51.276	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	102.560%	
62) 4-Bromofluorobenzene	12.489	95	62472	50.549	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	101.100%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.741	84	9659	6.432	ug/l #	83

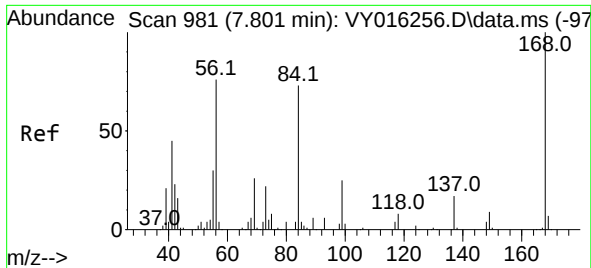
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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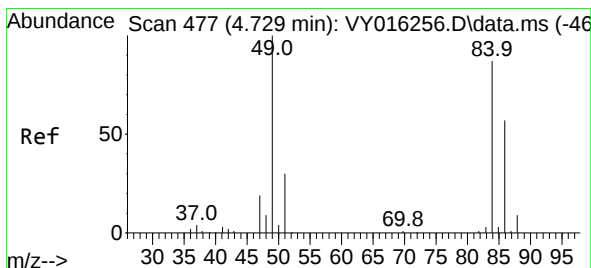
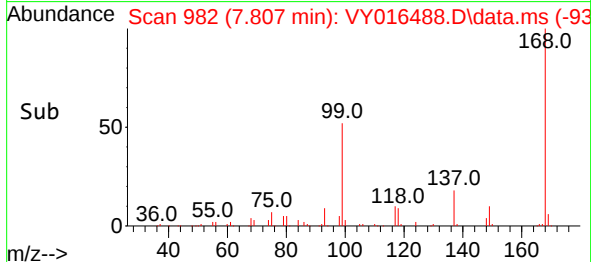
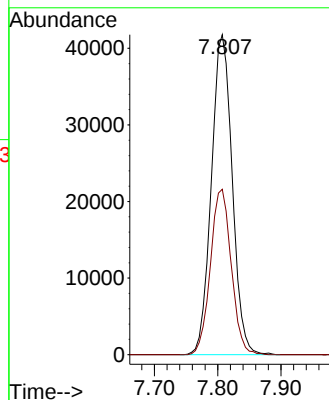
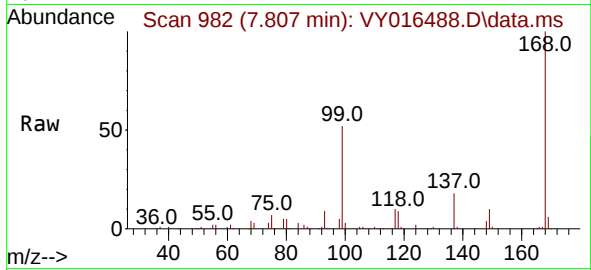




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016488.D
Acq: 24 Nov 2023 16:39

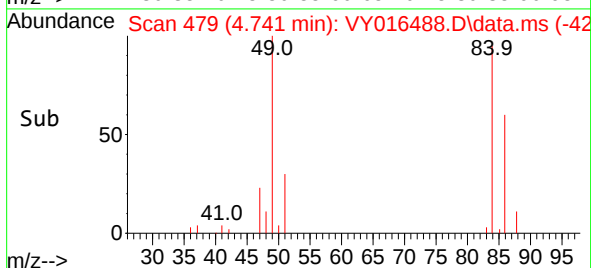
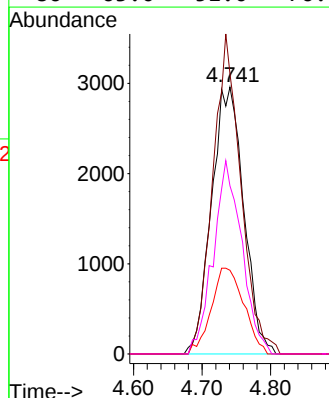
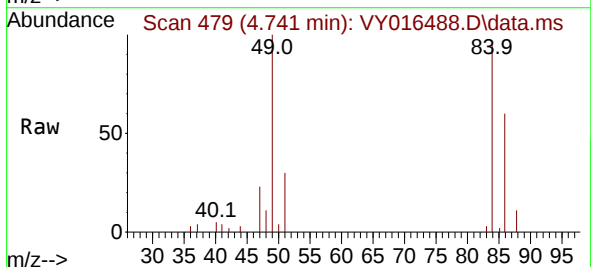
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

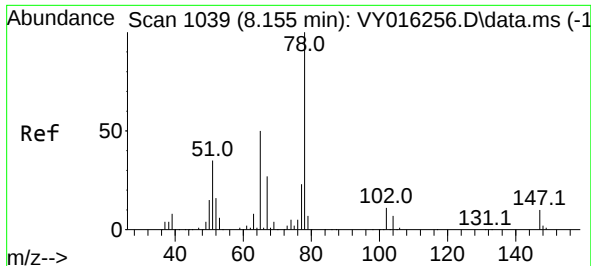
Tgt Ion:168 Resp: 95550
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.432 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016488.D
Acq: 24 Nov 2023 16:39

Tgt Ion: 84 Resp: 9659
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 31.4 33.2 49.8#
86 63.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.823 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016488.D

Acq: 24 Nov 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

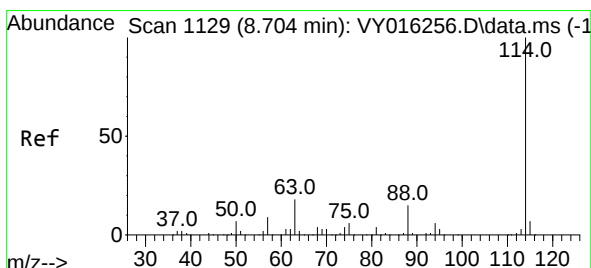
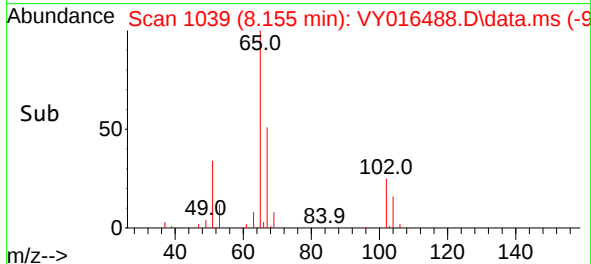
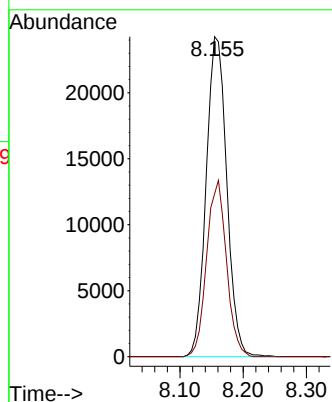
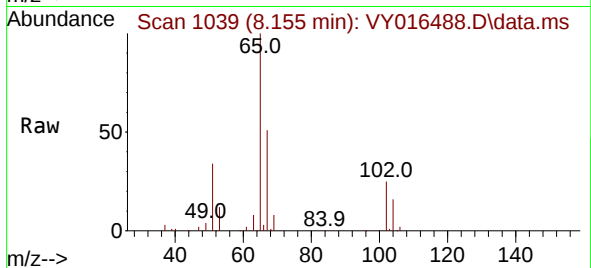
COMP-1

Tgt Ion: 65 Resp: 54863

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016488.D

Acq: 24 Nov 2023 16:39

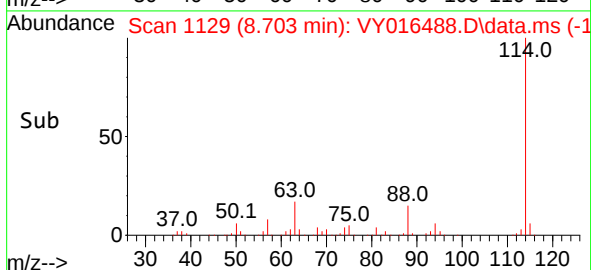
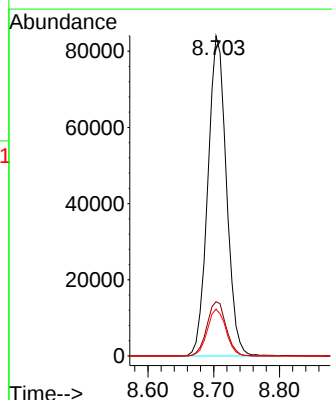
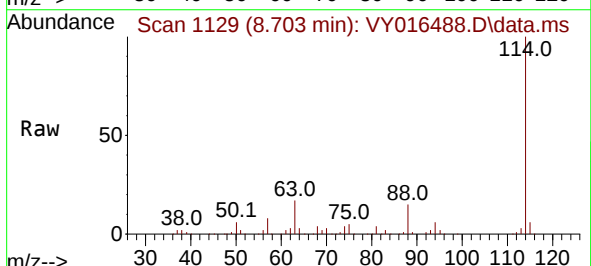
Tgt Ion: 114 Resp: 165184

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 14.6 0.0 30.6

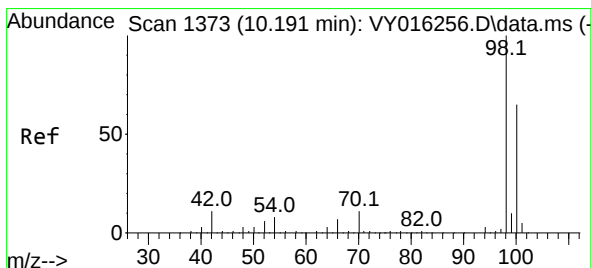
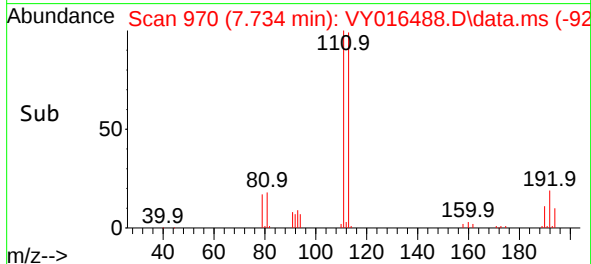
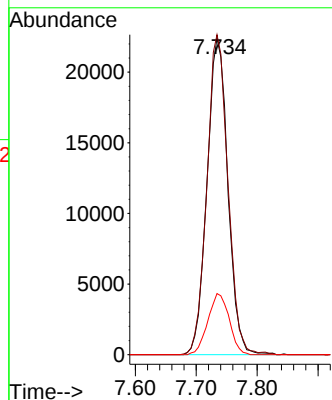
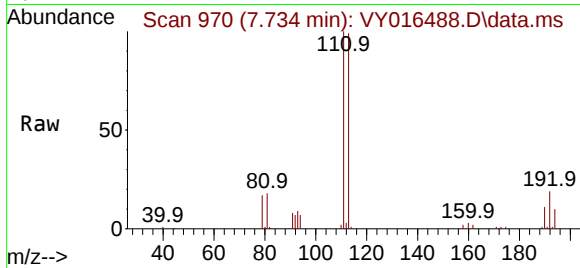




#35
Dibromofluoromethane
Concen: 56.841 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016488.D
Acq: 24 Nov 2023 16:39

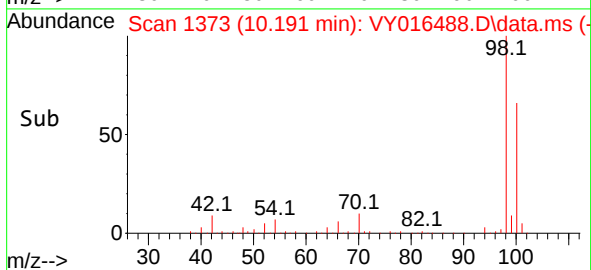
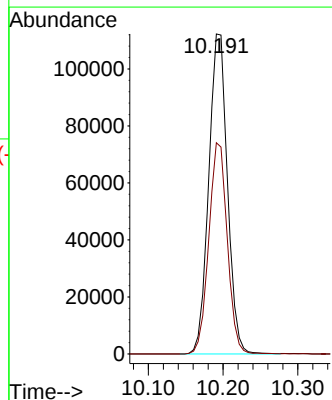
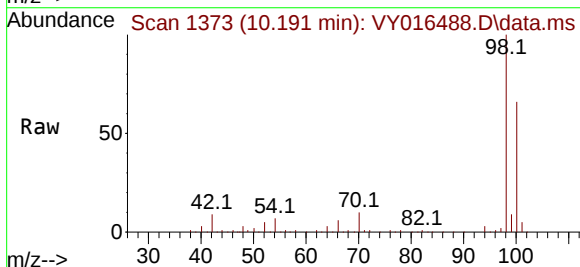
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

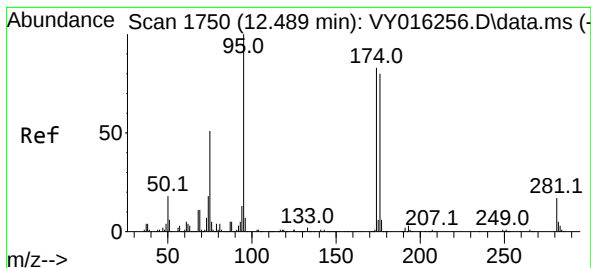
Tgt Ion:113 Resp: 53337
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 51.276 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016488.D
Acq: 24 Nov 2023 16:39

Tgt Ion: 98 Resp: 195115
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

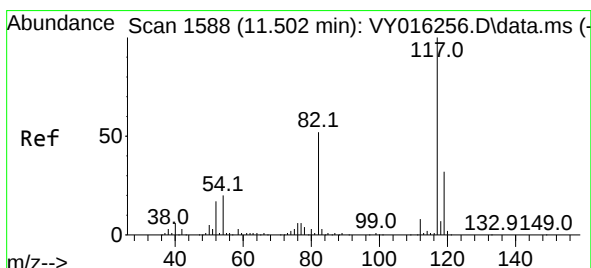
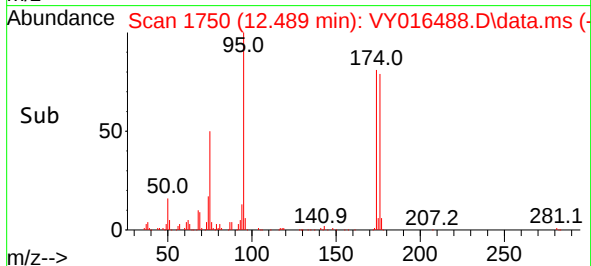
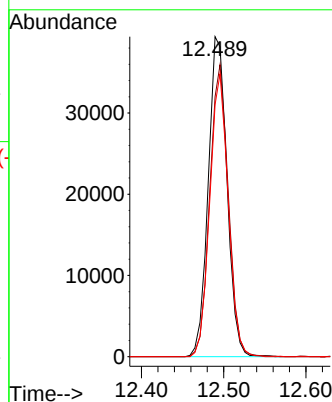
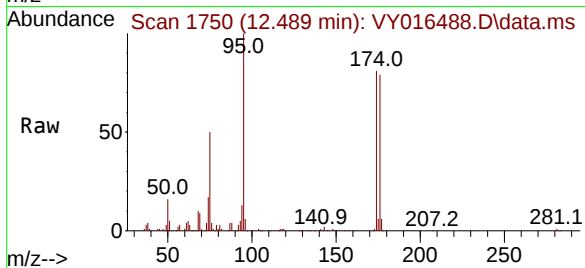




#62
4-Bromofluorobenzene
Concen: 50.549 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016488.D
Acq: 24 Nov 2023 16:39

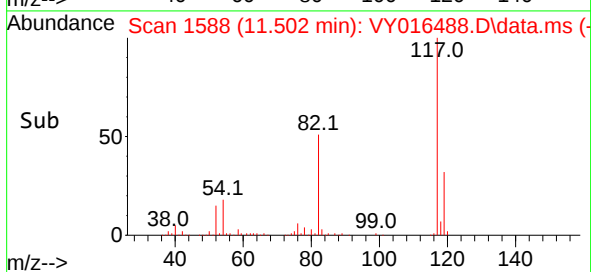
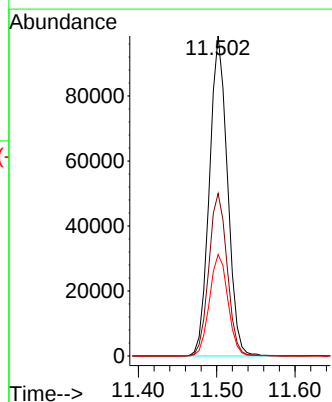
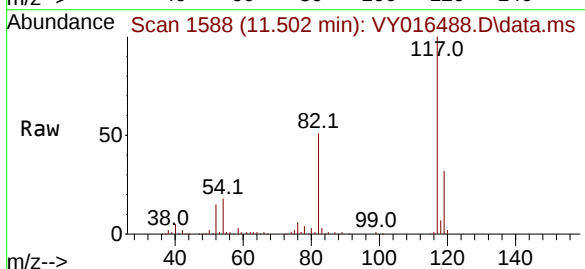
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 95 Resp: 62472
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.9 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: VY016488.D
Acq: 24 Nov 2023 16:39

Tgt Ion: 117 Resp: 157518
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 31.7 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: VY016488.D

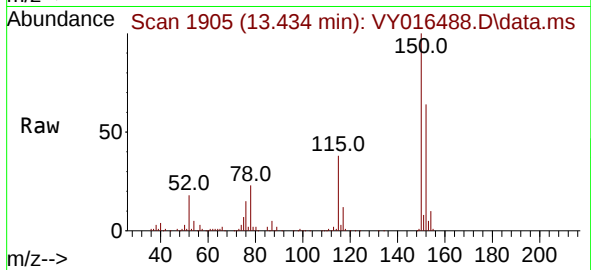
Acq: 24 Nov 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1



Tgt Ion:152 Resp: 65223

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.4 0.0 348.8

