

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016495.D
 Acq On : 24 Nov 2023 19:23
 Operator : SY/MD
 Sample : 05434-16
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-8

Quant Time: Nov 27 04:49:56 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)

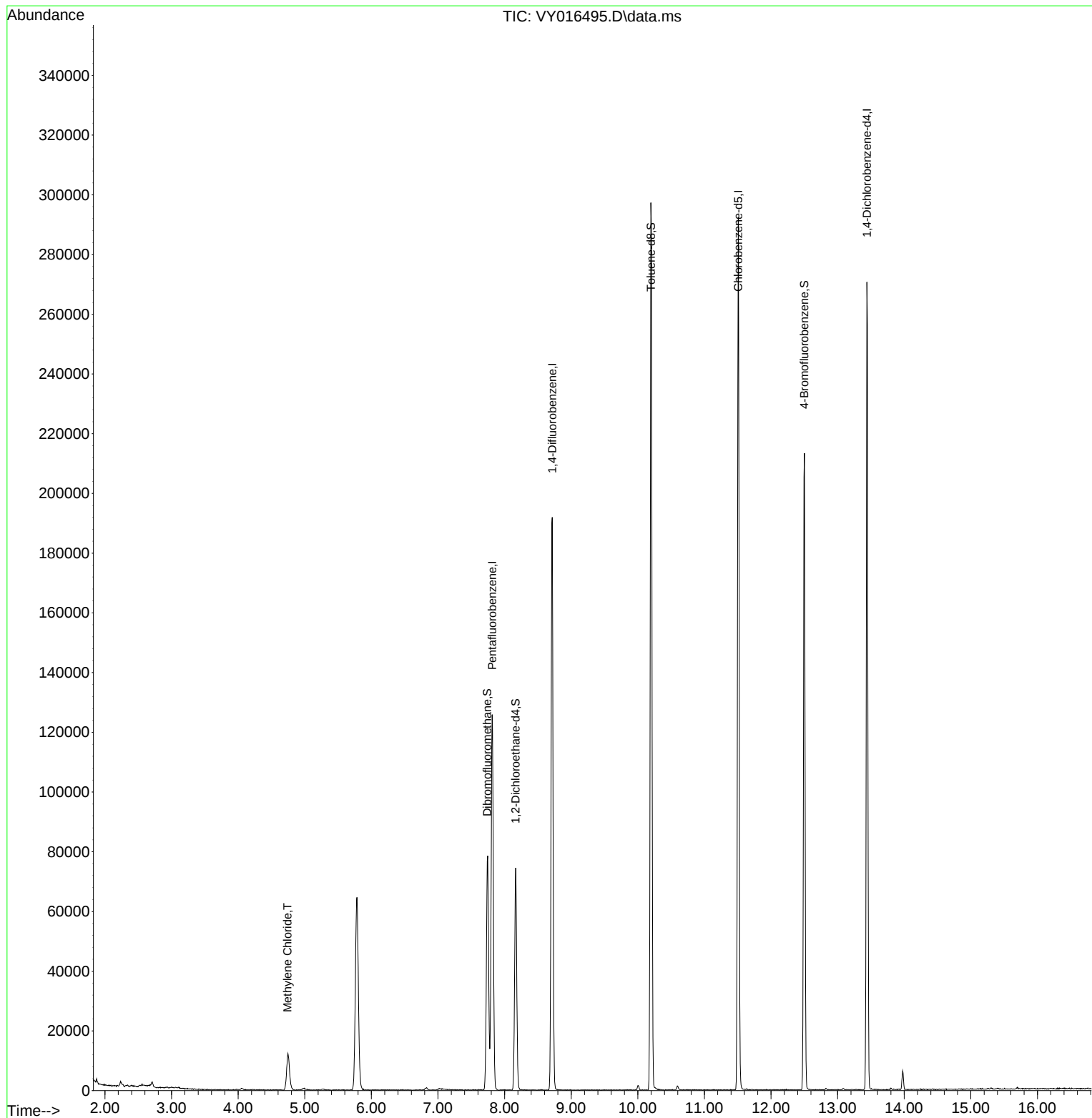
Internal Standards						
1) Pentafluorobenzene	7.813	168	102291	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	175174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	170485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	59178	63.299	ug/l	0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	=	126.600%	
35) Dibromofluoromethane	7.740	113	56474	56.752	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	113.500%	
50) Toluene-d8	10.197	98	207260	51.361	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	102.720%	
62) 4-Bromofluorobenzene	12.501	95	69974	53.390	ug/l	0.01
Spiked Amount	50.000	Range 30 - 143	Recovery	=	106.780%	
Target Compounds						
20) Methylene Chloride	4.741	84	10091	6.187	ug/l	Qvalue # 77

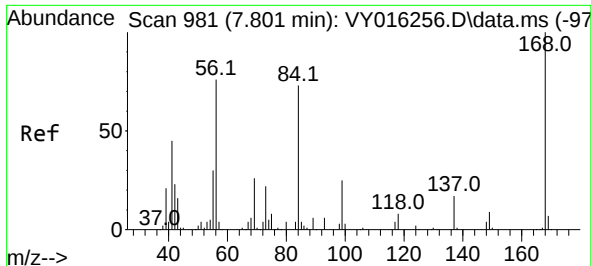
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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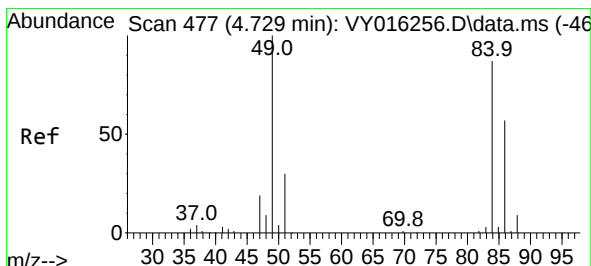
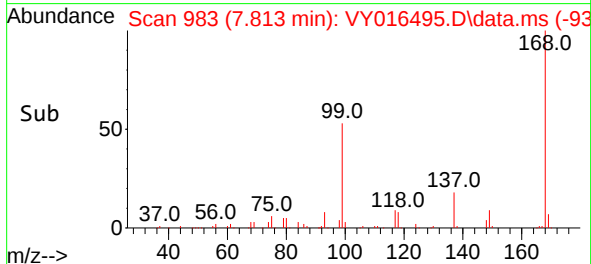
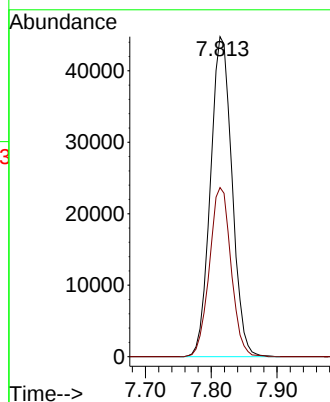
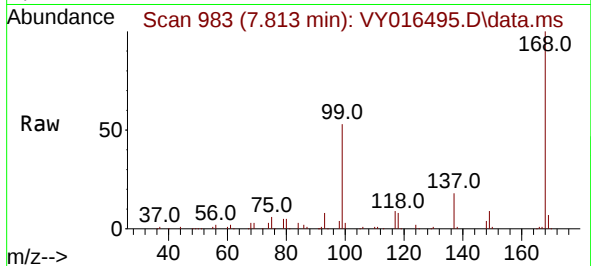




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

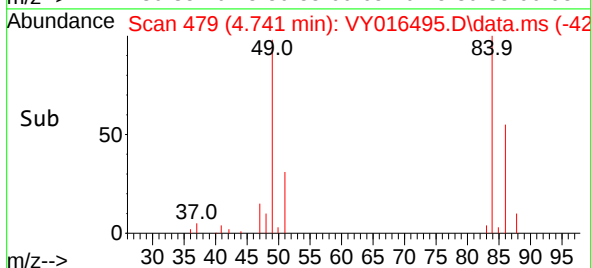
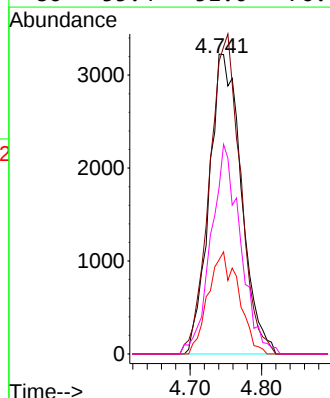
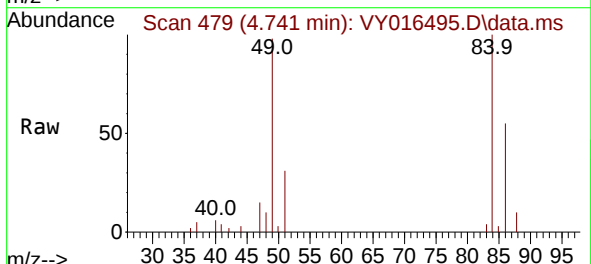
Instrument :
MSVOA_Y
ClientSampleId :
COMP-8

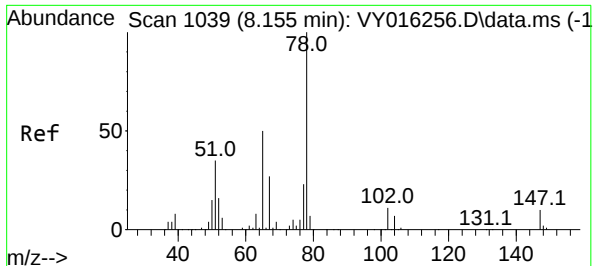
Tgt Ion:168 Resp: 102291
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 6.187 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Tgt Ion: 84 Resp: 10091
Ion Ratio Lower Upper
84 100
49 97.6 106.9 160.3#
51 31.4 33.2 49.8#
86 55.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.299 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

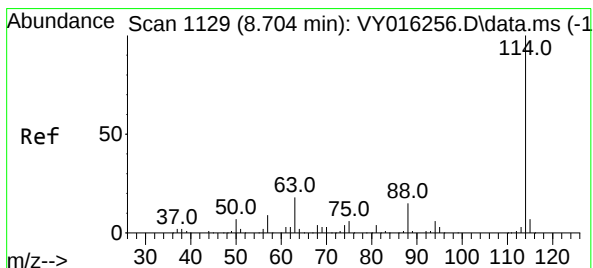
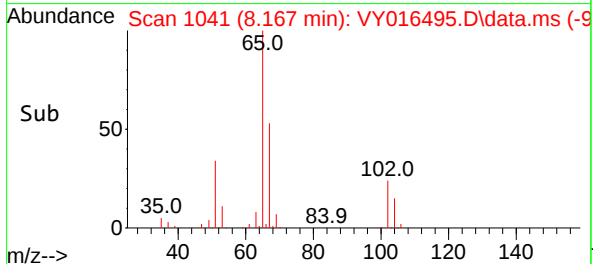
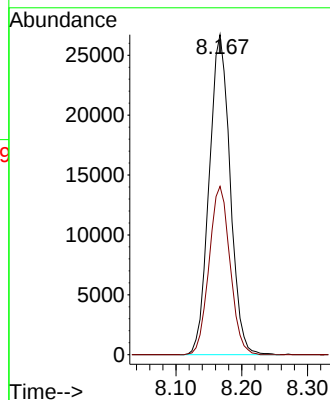
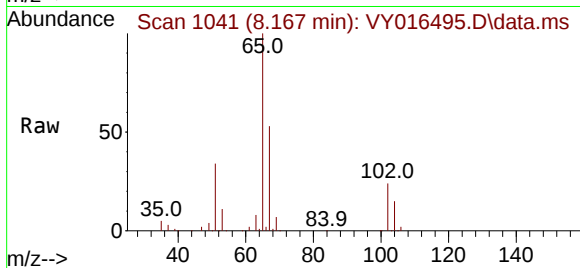
COMP-8

Tgt Ion: 65 Resp: 59178

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016495.D

Acq: 24 Nov 2023 19:23

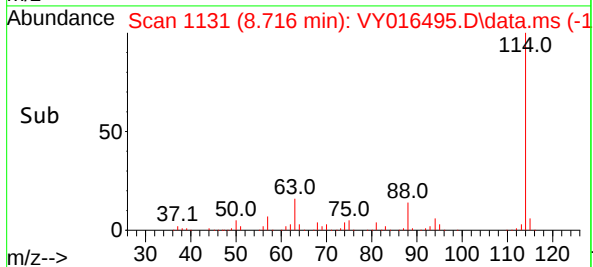
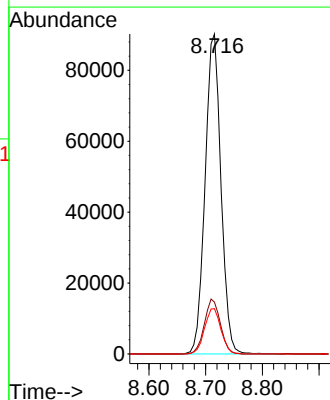
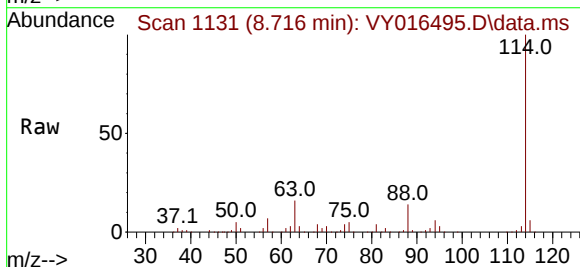
Tgt Ion:114 Resp: 175174

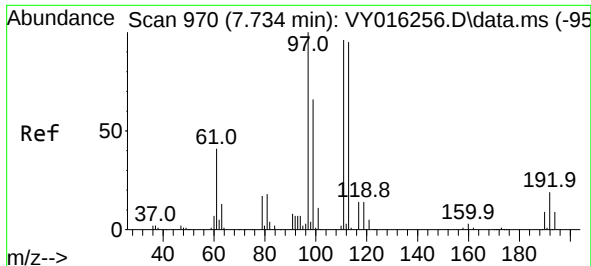
Ion Ratio Lower Upper

114 100

63 16.2 0.0 42.4

88 14.2 0.0 30.6

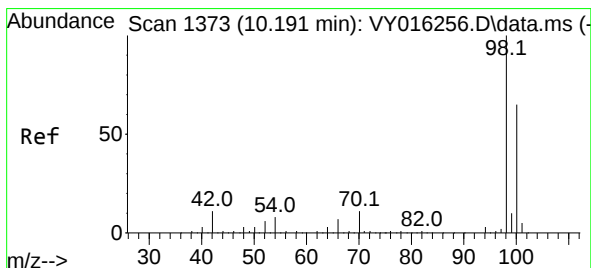
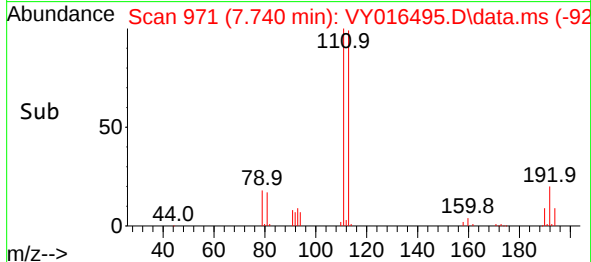
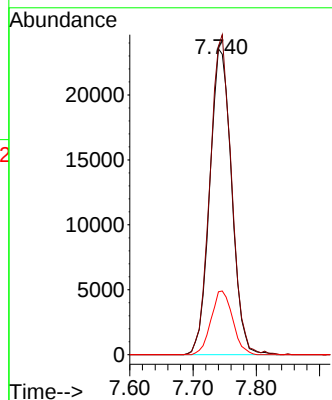
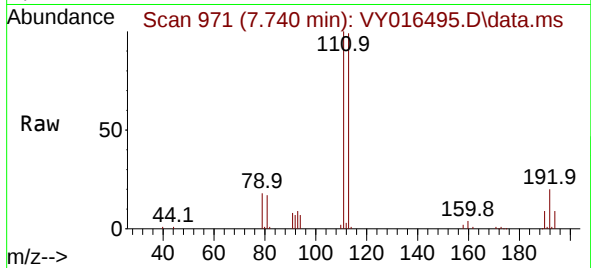




#35
Dibromofluoromethane
Concen: 56.752 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

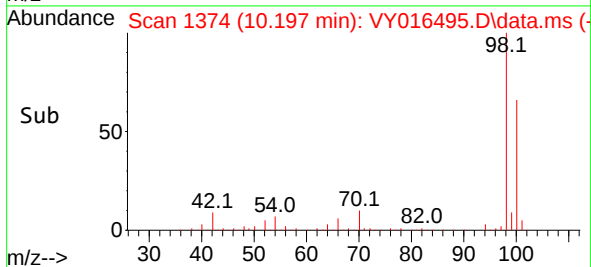
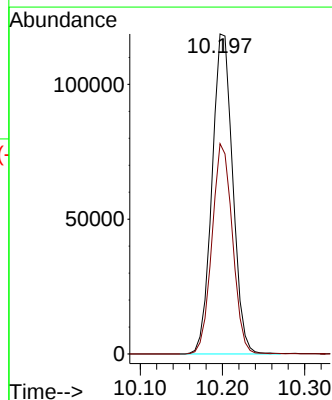
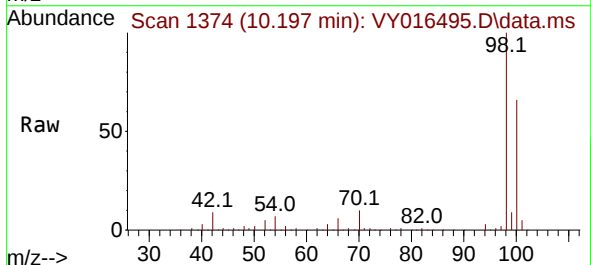
Instrument :
MSVOA_Y
ClientSampleId :
COMP-8

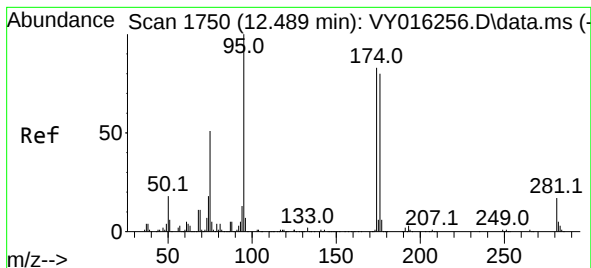
Tgt Ion:113 Resp: 56474
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 20.5 16.9 25.3



#50
Toluene-d8
Concen: 51.361 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Tgt Ion: 98 Resp: 207260
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

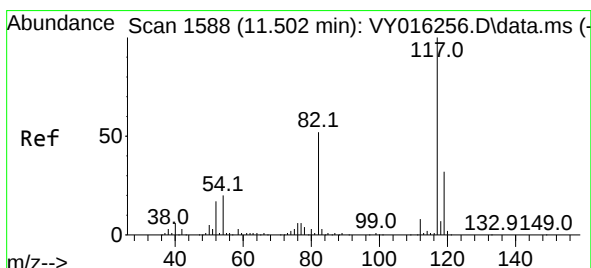
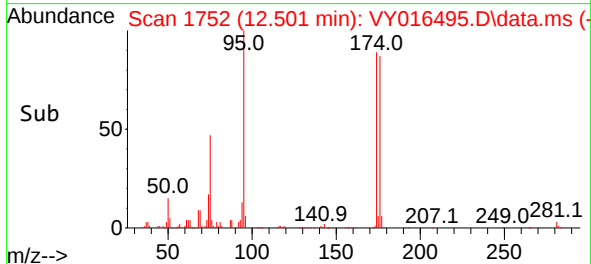
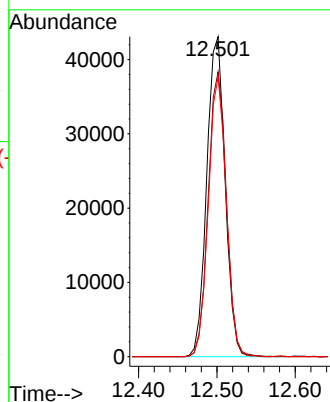
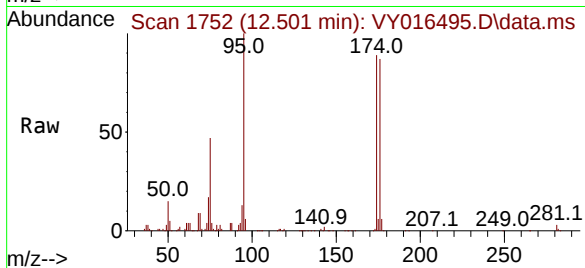




#62
4-Bromofluorobenzene
Concen: 53.390 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

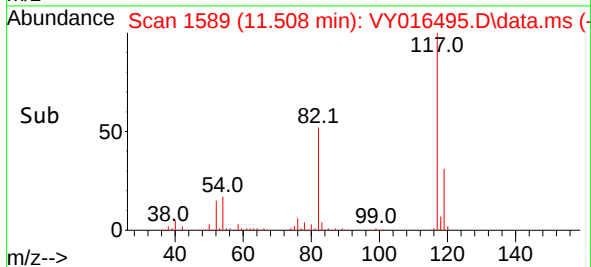
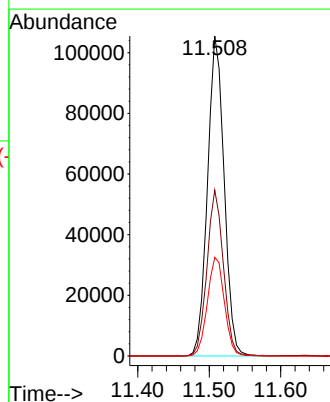
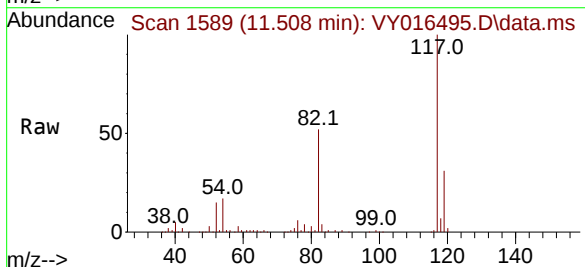
Instrument :
MSVOA_Y
ClientSampleId :
COMP-8

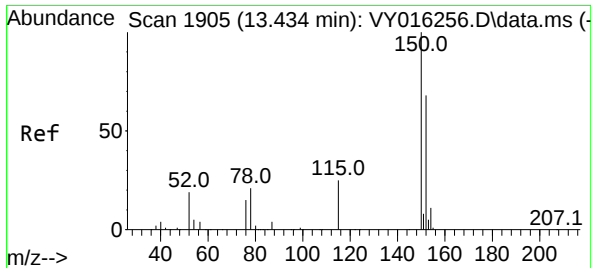
Tgt Ion: 95 Resp: 69974
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 85.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016495.D
Acq: 24 Nov 2023 19:23

Tgt Ion: 117 Resp: 170485
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 30.8 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: VY016495.D

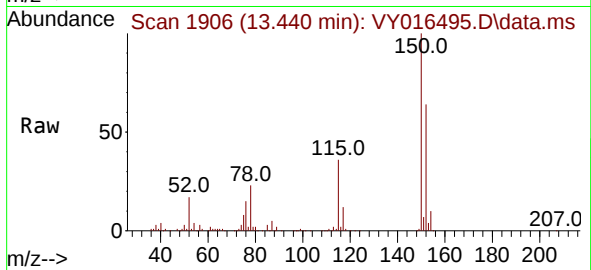
Acq: 24 Nov 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

COMP-8



Tgt Ion:152 Resp: 74943

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 158.1 0.0 348.8

