

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016672.D
 Acq On : 16 Dec 2023 16:26
 Operator : SY/MD
 Sample : 05758-37
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP-5

Quant Time: Dec 18 00:41:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

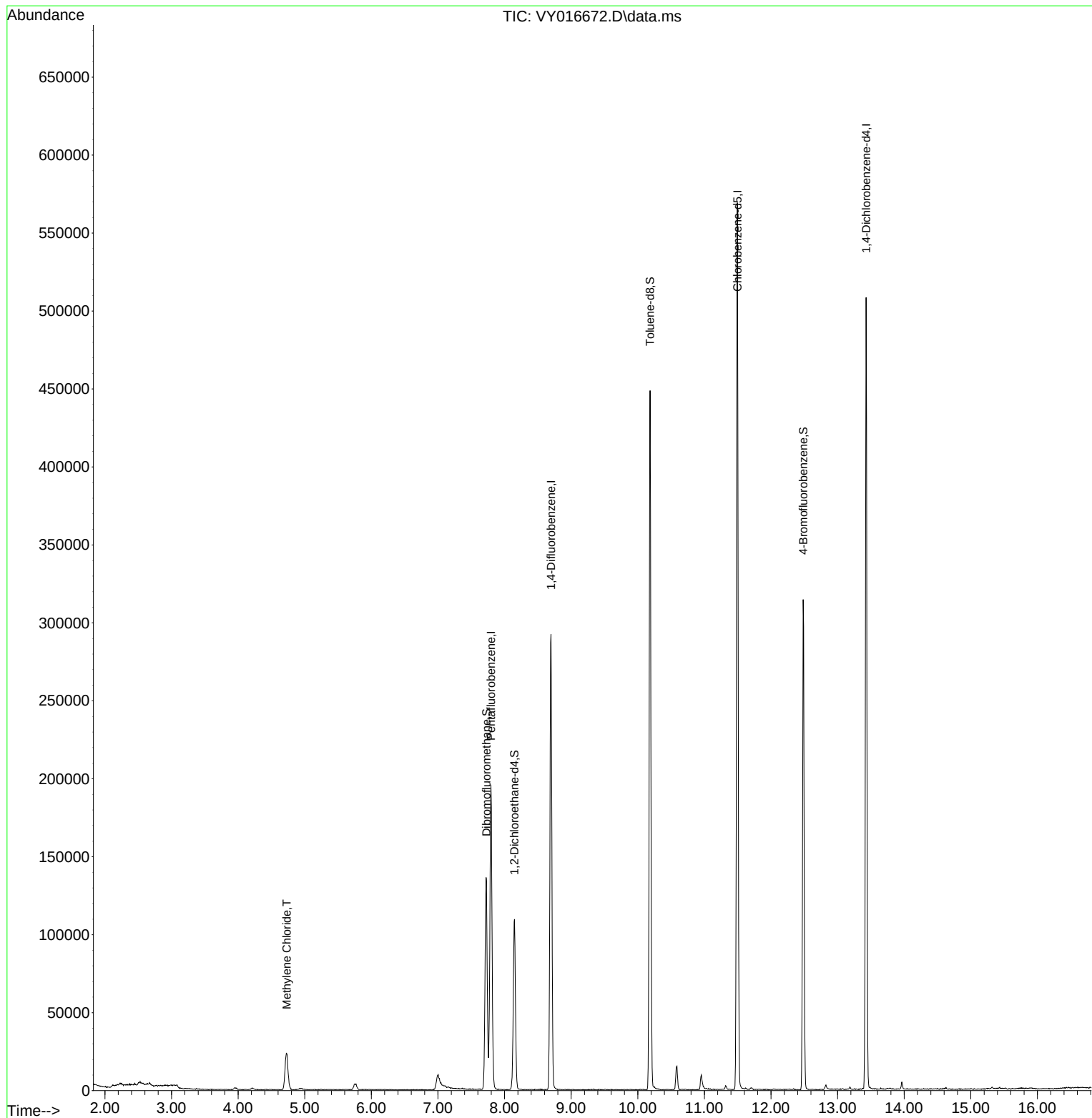
Internal Standards						
1) Pentafluorobenzene	7.795	168	155530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	329327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82939	65.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.280%
35) Dibromofluoromethane	7.728	113	95086	66.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.120%
50) Toluene-d8	10.185	98	300421	53.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.400%
62) 4-Bromofluorobenzene	12.483	95	92722	50.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.300%
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	18693	7.224	ug/l	# 83

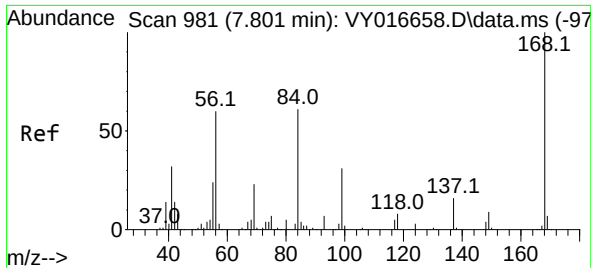
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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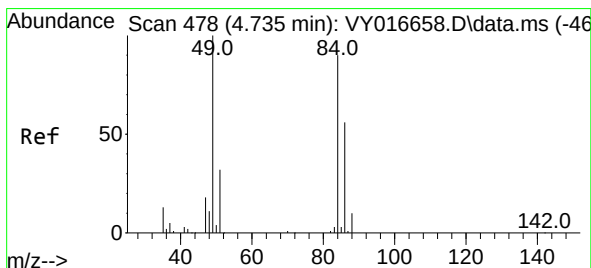
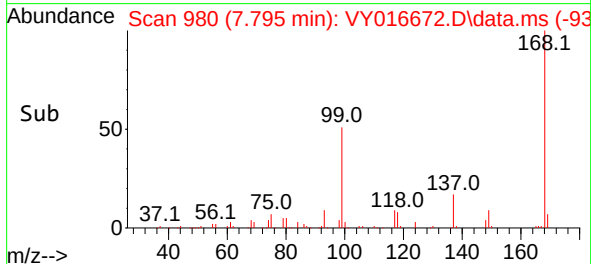
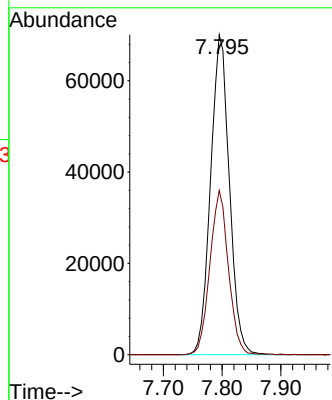
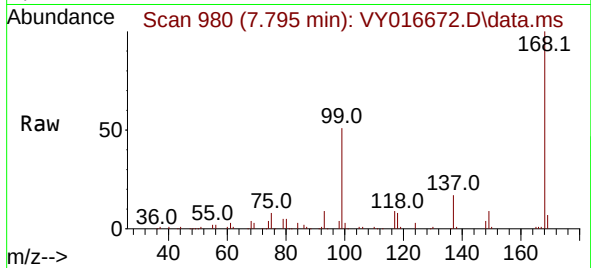




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016672.D
Acq: 16 Dec 2023 16:26

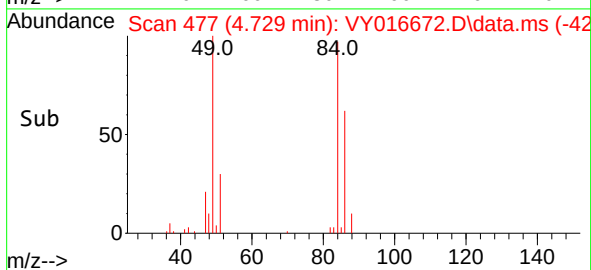
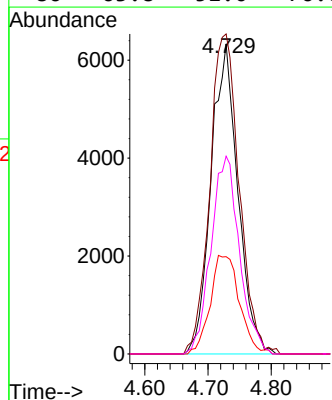
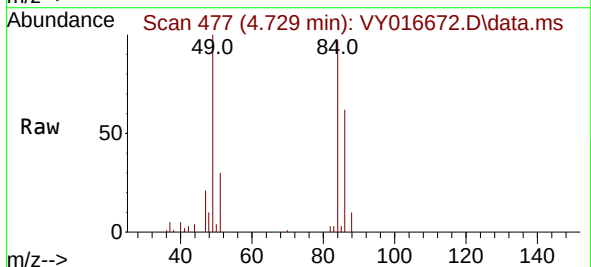
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-5

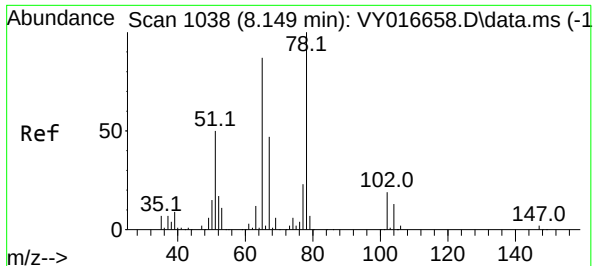
Tgt Ion:168 Resp: 155530
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#20
Methylene Chloride
Concen: 7.224 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016672.D
Acq: 16 Dec 2023 16:26

Tgt Ion: 84 Resp: 18693
Ion Ratio Lower Upper
84 100
49 103.2 106.9 160.3#
51 31.4 33.2 49.8#
86 63.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.141 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016672.D

Acq: 16 Dec 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

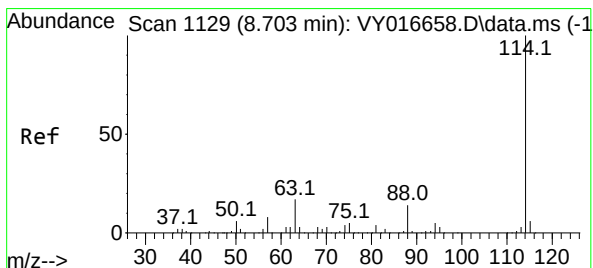
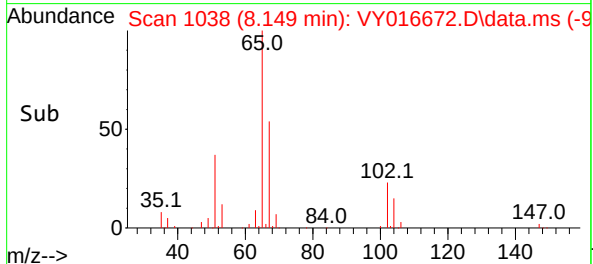
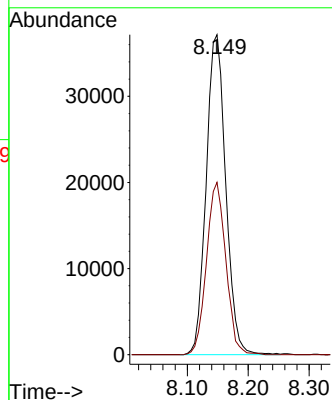
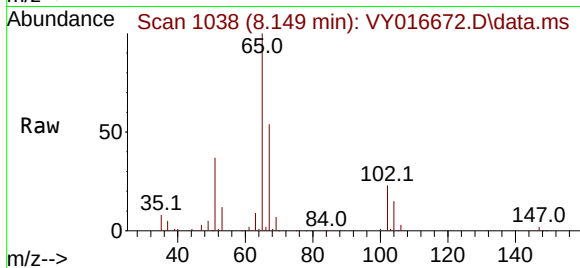
SP-COMP-5

Tgt Ion: 65 Resp: 82939

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016672.D

Acq: 16 Dec 2023 16:26

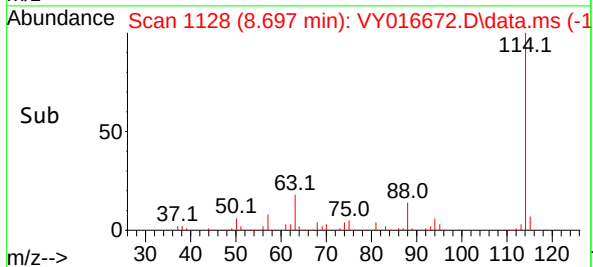
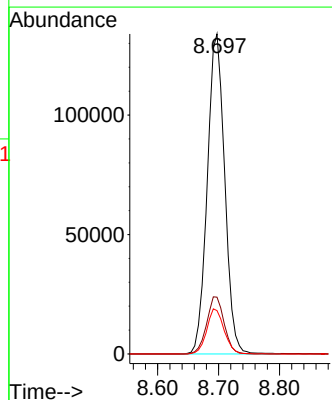
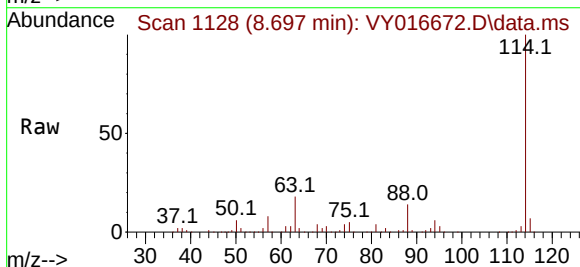
Tgt Ion: 114 Resp: 266334

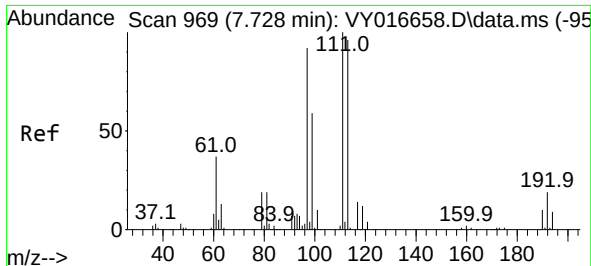
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 13.6 0.0 30.6



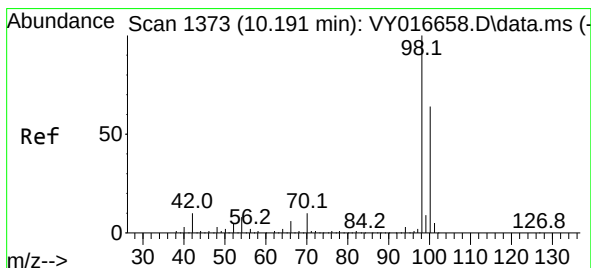
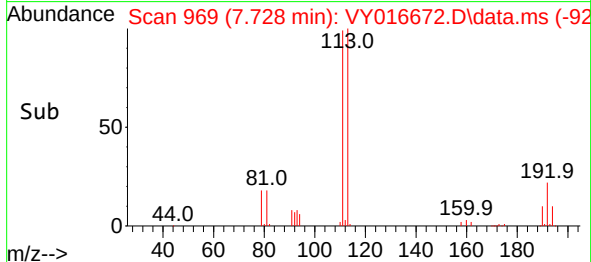
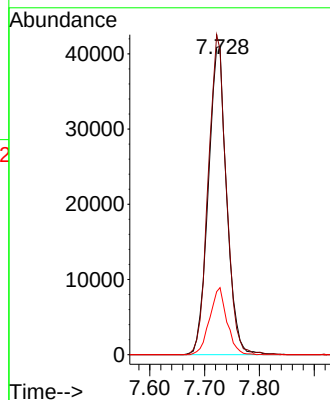
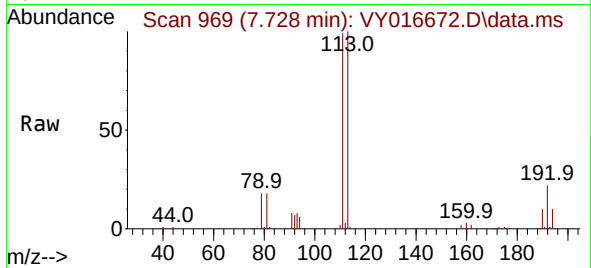


#35
 Dibromofluoromethane
 Concen: 66.559 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY016672.D
 Acq: 16 Dec 2023 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP-5

Tgt Ion:113 Resp: 95086

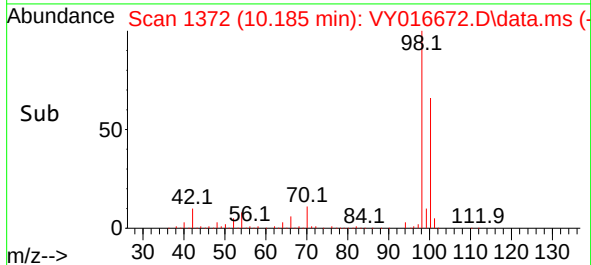
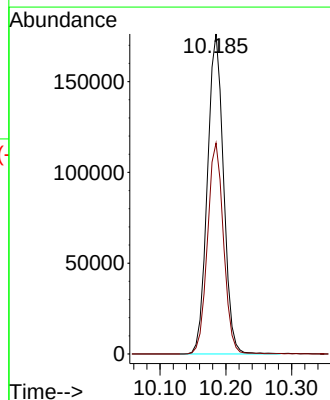
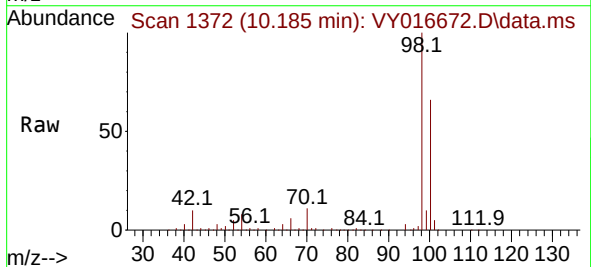
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.3	121.9
192	20.5	16.9	25.3

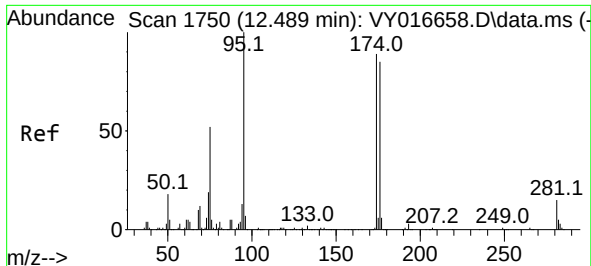


#50
 Toluene-d8
 Concen: 53.199 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016672.D
 Acq: 16 Dec 2023 16:26

Tgt Ion: 98 Resp: 300421

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.1	75.1

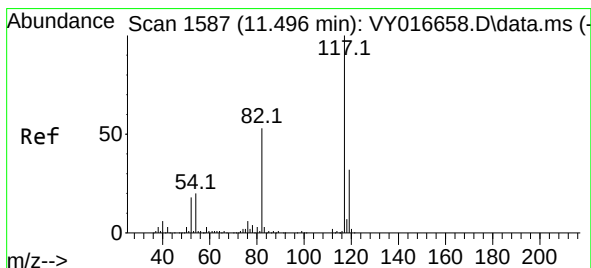
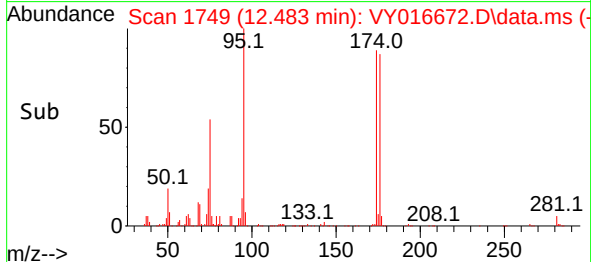
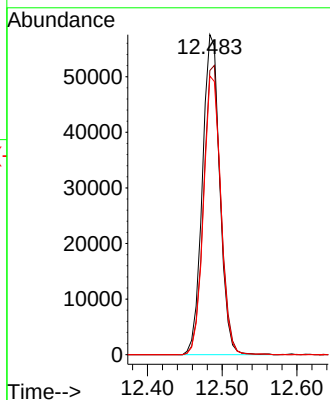
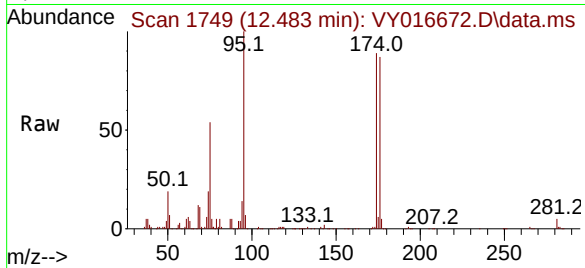




#62
4-Bromofluorobenzene
Concen: 50.646 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016672.D
Acq: 16 Dec 2023 16:26

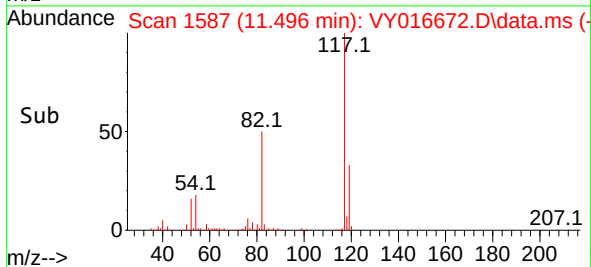
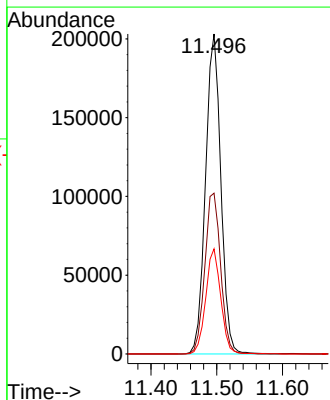
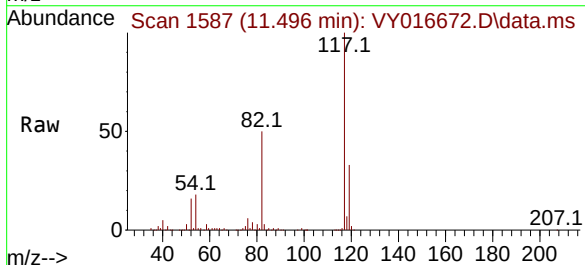
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-5

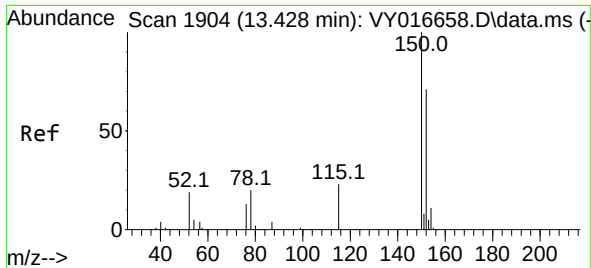
Tgt Ion: 95 Resp: 92722
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 86.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY016672.D
Acq: 16 Dec 2023 16:26

Tgt Ion: 117 Resp: 329327
Ion Ratio Lower Upper
117 100
82 50.3 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. 0.000 min

Lab File: VY016672.D

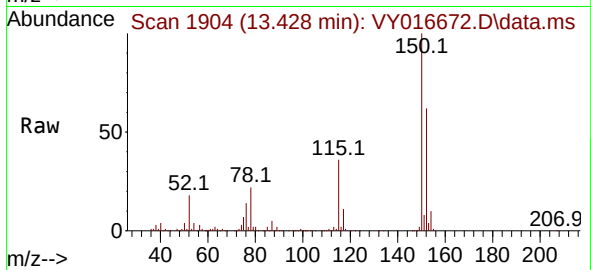
Acq: 16 Dec 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

SP-COMP-5



Tgt Ion:152 Resp: 134153

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 157.3 0.0 348.8

