

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016675.D
 Acq On : 16 Dec 2023 17:36
 Operator : SY/MD
 Sample : 05758-10
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP-2

Quant Time: Dec 18 00:42:44 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)

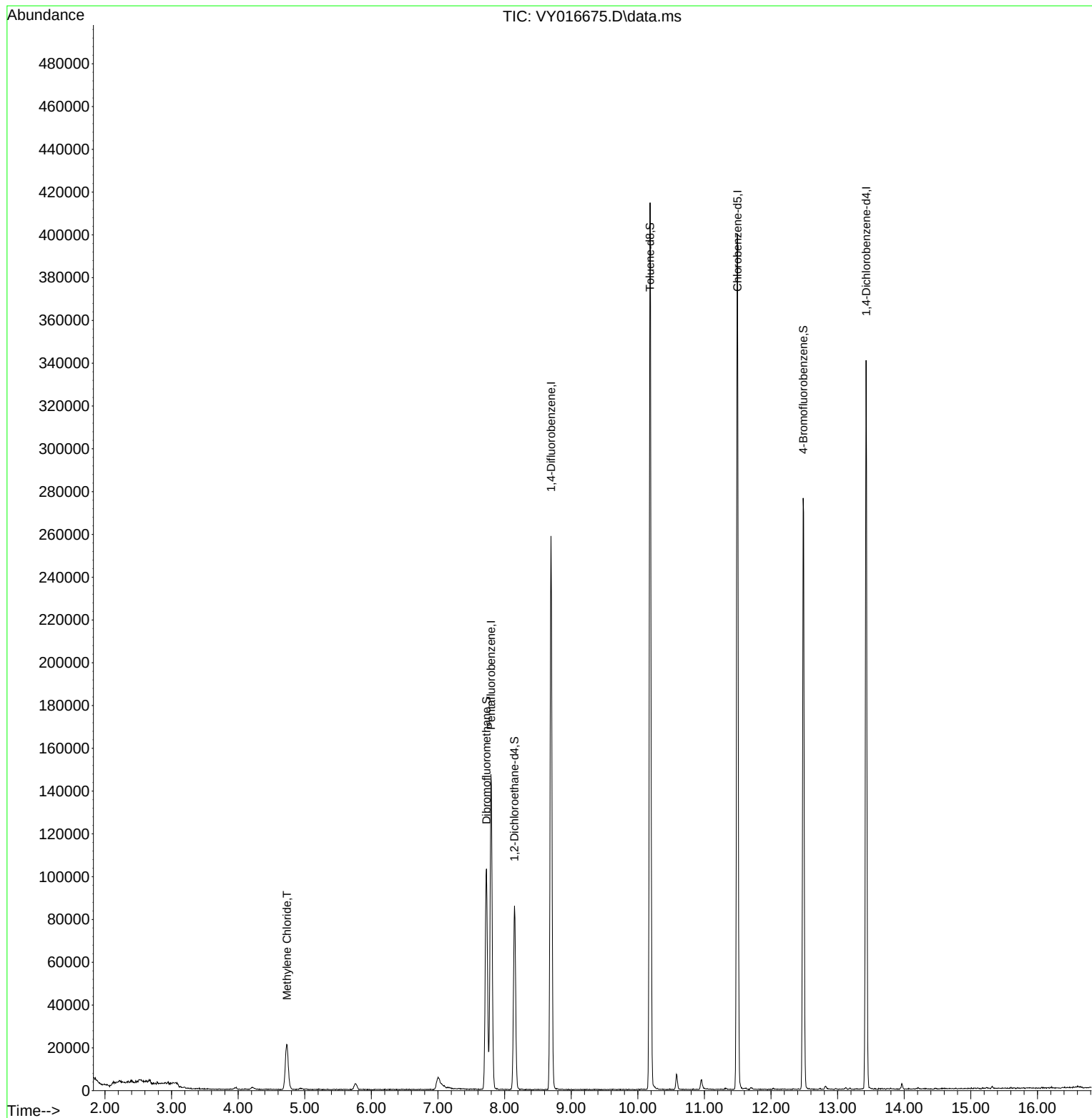
Internal Standards						
1) Pentafluorobenzene	7.795	168	116796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66936	69.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.960%	
35) Dibromofluoromethane	7.728	113	73879	61.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.100%	
50) Toluene-d8	10.185	98	274869	57.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.580%	
62) 4-Bromofluorobenzene	12.483	95	82786	53.378	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	17020	10.009	ug/l #	86

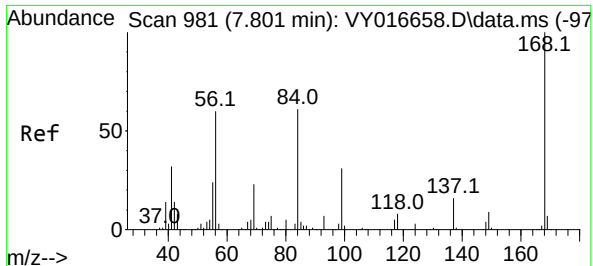
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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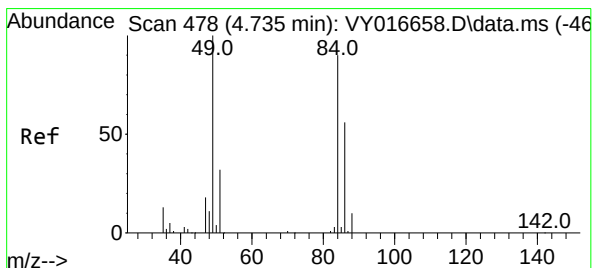
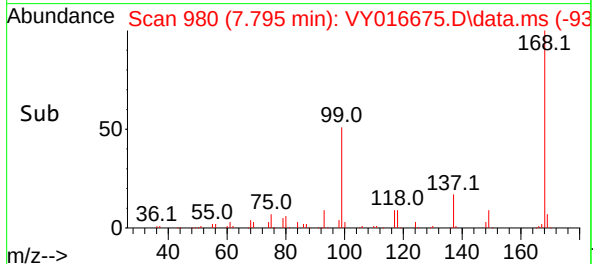
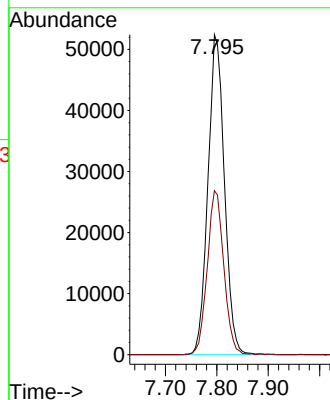
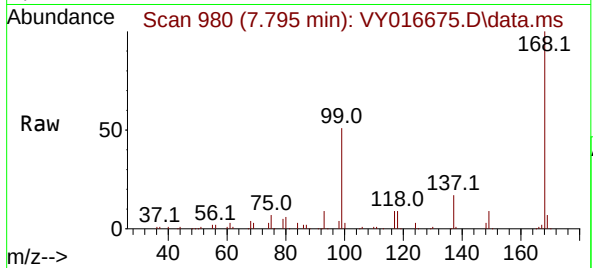




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

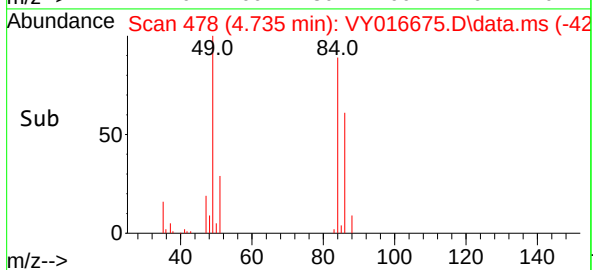
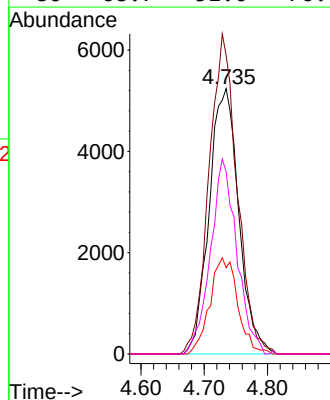
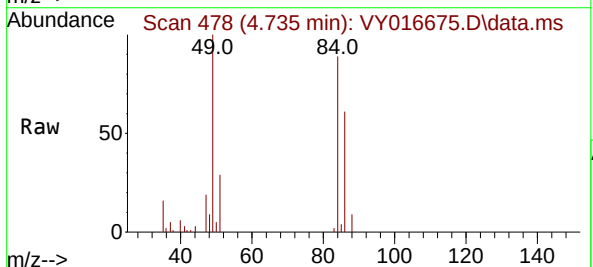
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-2

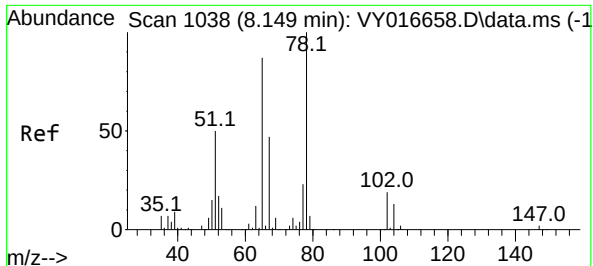
Tgt Ion:168 Resp: 116796
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#20
Methylene Chloride
Concen: 10.009 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 84 Resp: 17020
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 32.5 33.2 49.8#
86 68.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.982 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016675.D

Acq: 16 Dec 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

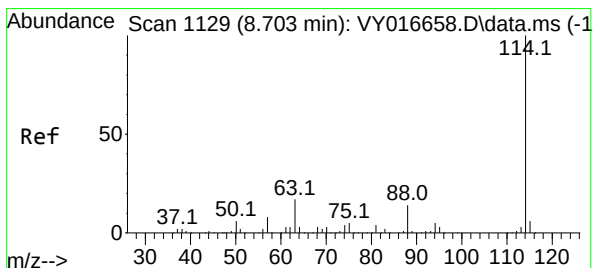
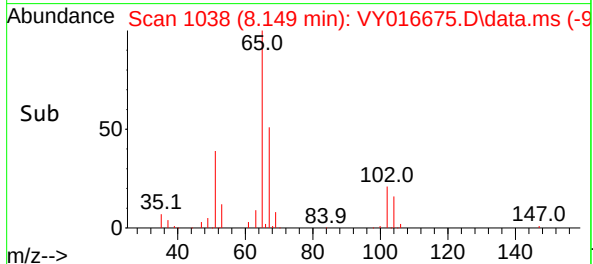
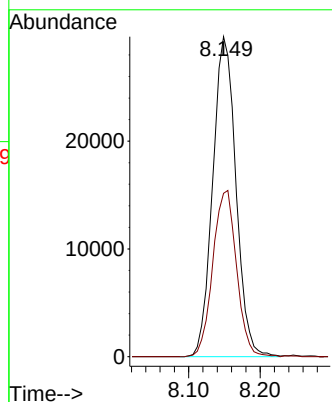
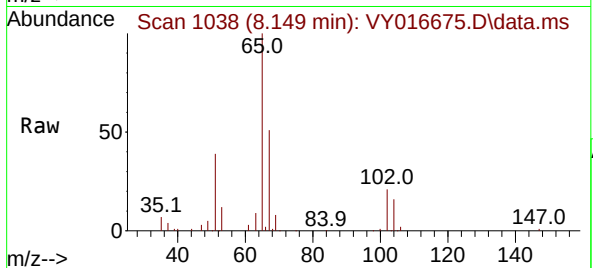
SP-COMP-2

Tgt Ion: 65 Resp: 66936

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016675.D

Acq: 16 Dec 2023 17:36

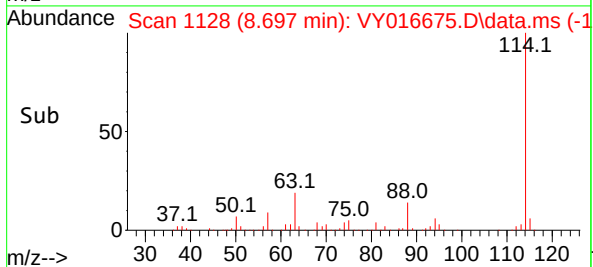
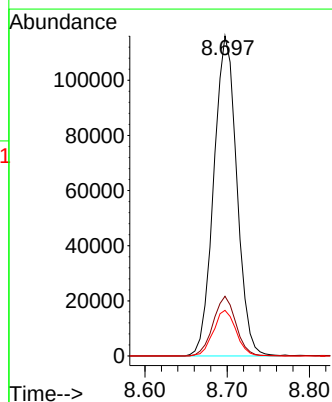
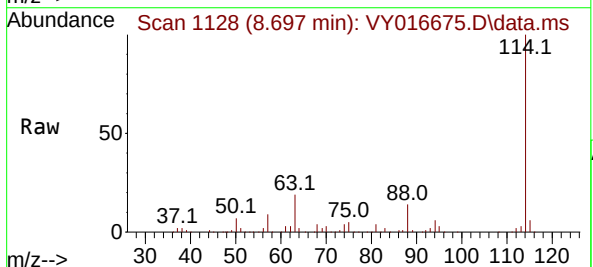
Tgt Ion: 114 Resp: 225625

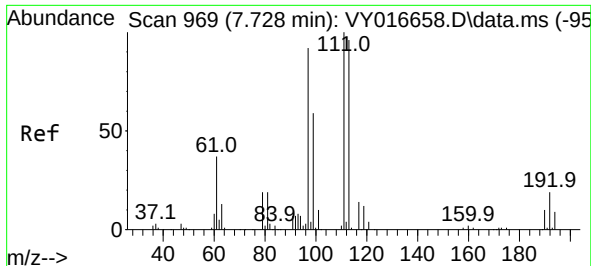
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.2 0.0 30.6

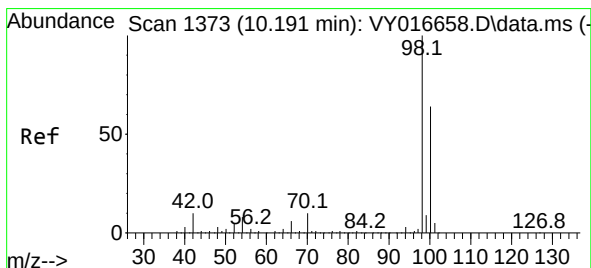
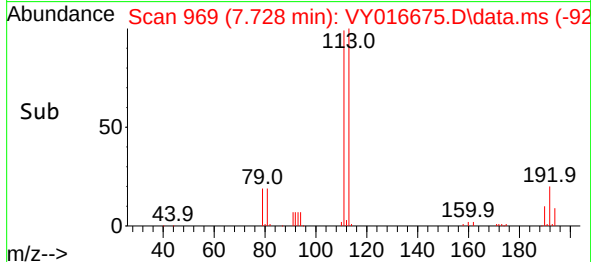
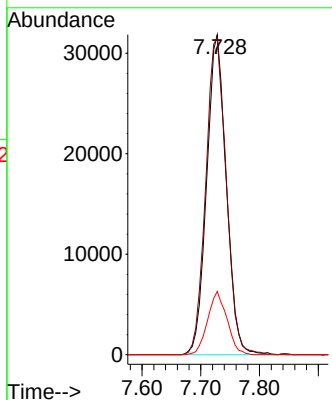
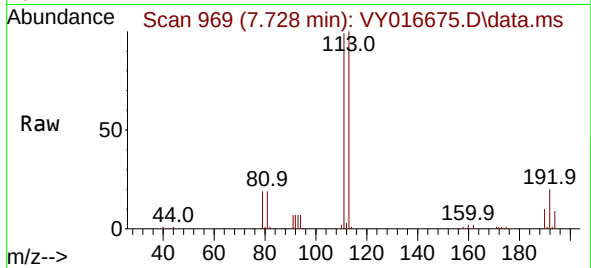




#35
 Dibromofluoromethane
 Concen: 61.045 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY016675.D
 Acq: 16 Dec 2023 17:36

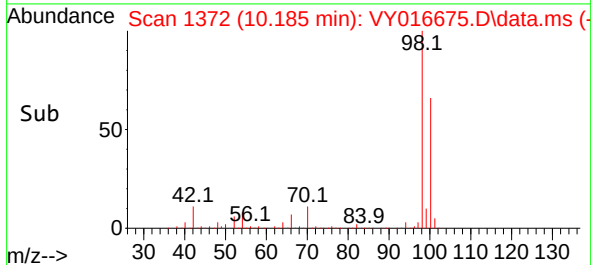
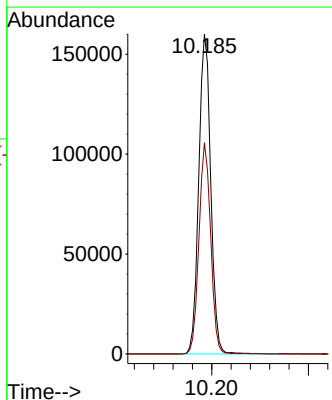
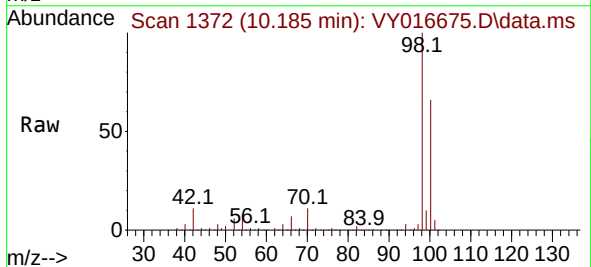
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-COMP-2

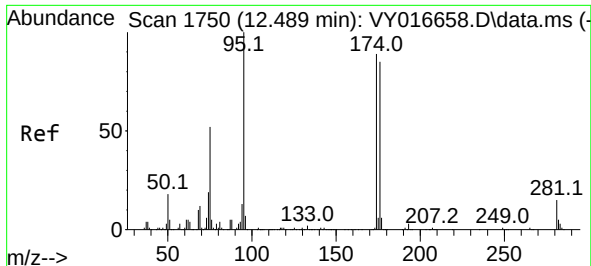
Tgt Ion:	113	Resp:	73879
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	19.5	16.9	25.3



#50
 Toluene-d8
 Concen: 57.290 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016675.D
 Acq: 16 Dec 2023 17:36

Tgt Ion:	98	Resp:	274869
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.1	75.1

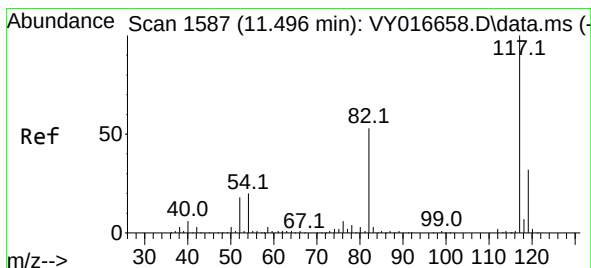
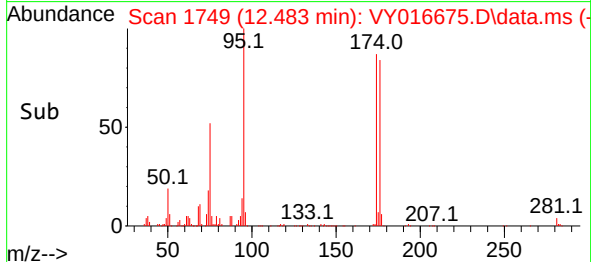
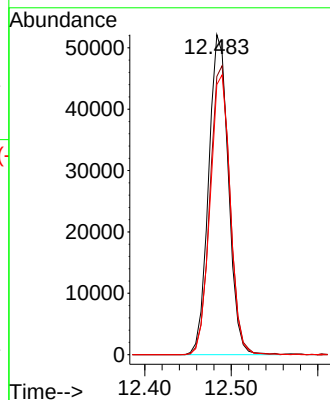
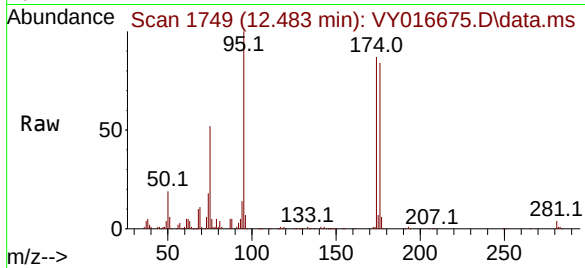




#62
4-Bromofluorobenzene
Concen: 53.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

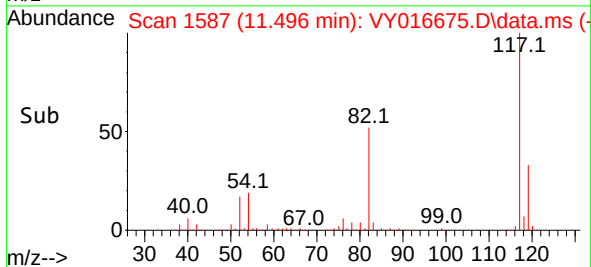
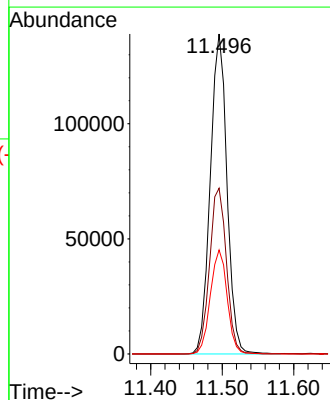
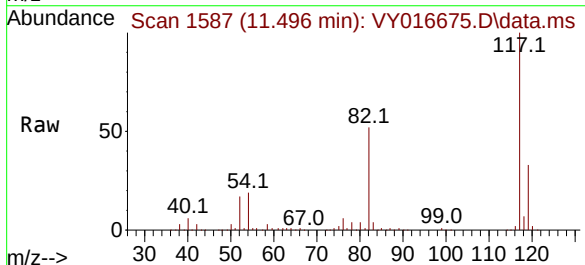
Instrument :
MSVOA_Y
ClientSampleId :
SP-COMP-2

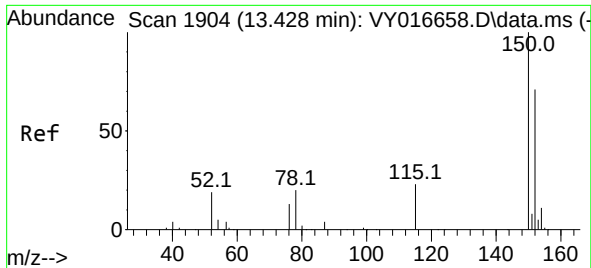
Tgt Ion: 95 Resp: 82786
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY016675.D
Acq: 16 Dec 2023 17:36

Tgt Ion: 117 Resp: 225200
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.5 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: VY016675.D

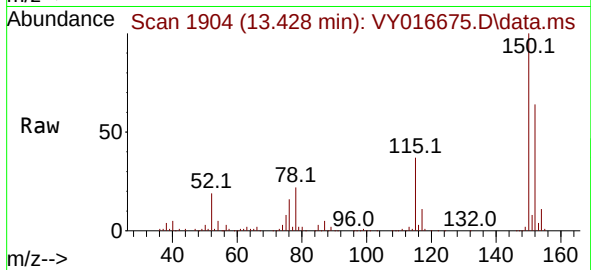
Acq: 16 Dec 2023 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SP-COMP-2



Tgt Ion:152 Resp: 89692

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 155.8 0.0 348.8

