

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016030.D
 Acq On : 18 Oct 2023 19:15
 Operator : SY/MD
 Sample : 04888-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-304-COMP-21

Quant Time: Oct 19 03:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

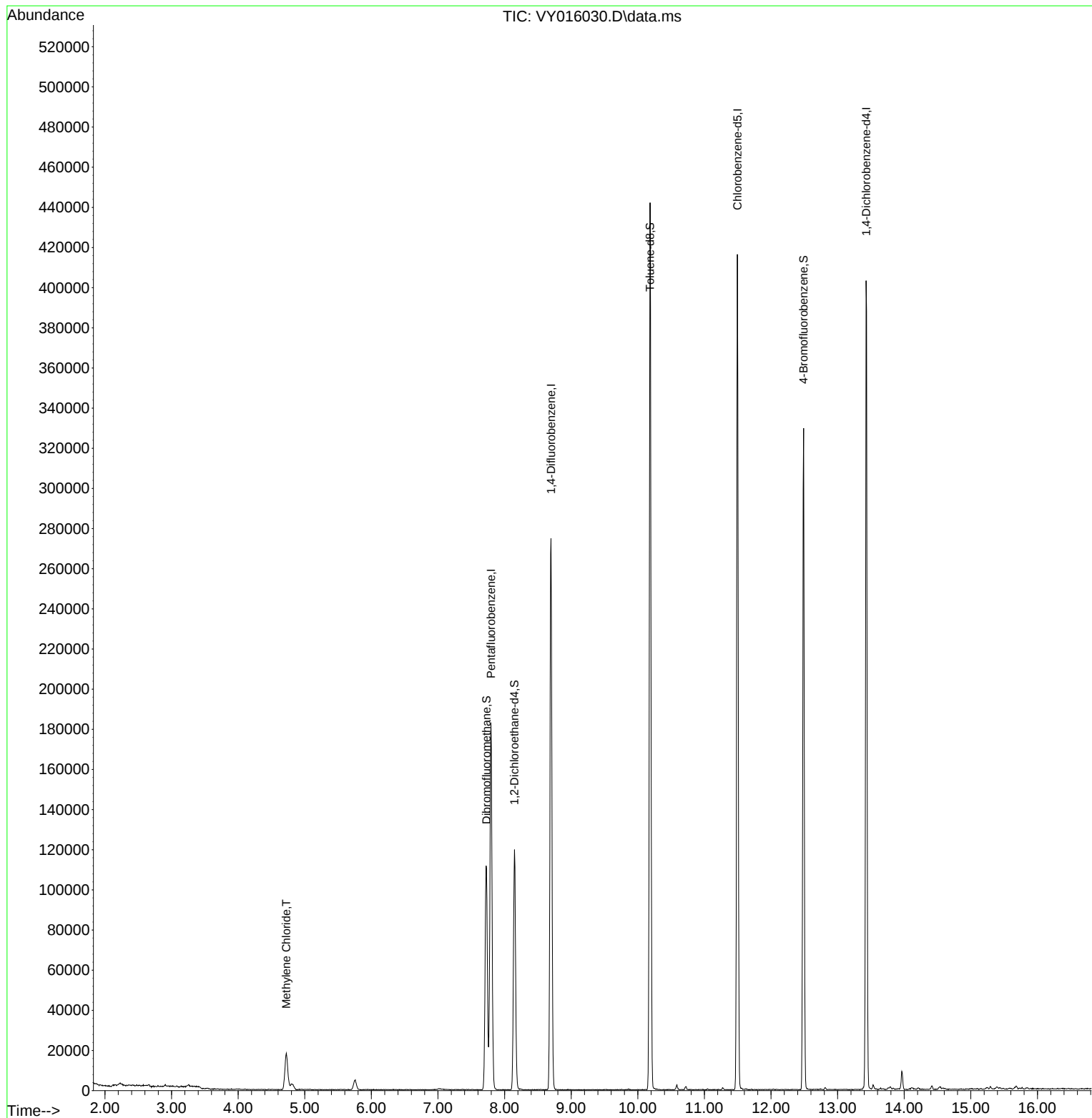
Internal Standards						
1) Pentafluorobenzene	7.795	168	142074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95692	59.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.520%
35) Dibromofluoromethane	7.728	113	82166	51.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.185	98	286191	49.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.489	95	97074	46.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.480%
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	13895	7.814	ug/l	84

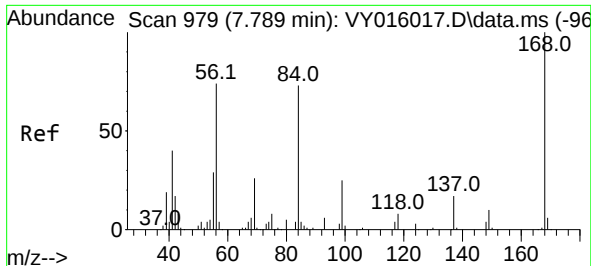
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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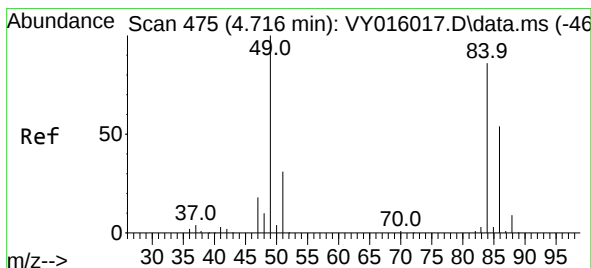
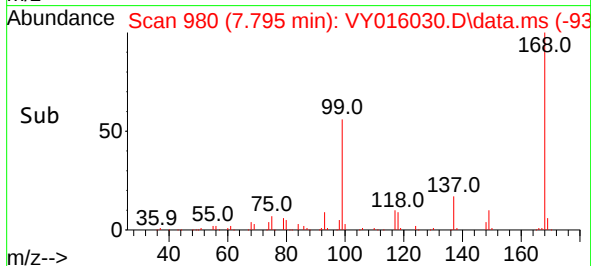
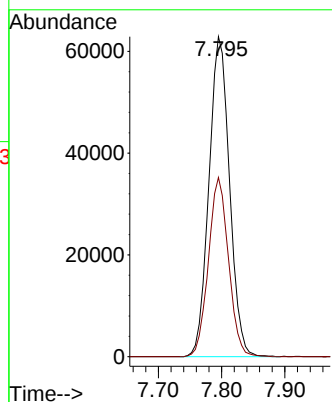
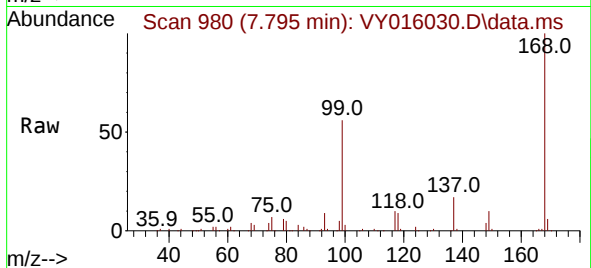




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016030.D
Acq: 18 Oct 2023 19:15

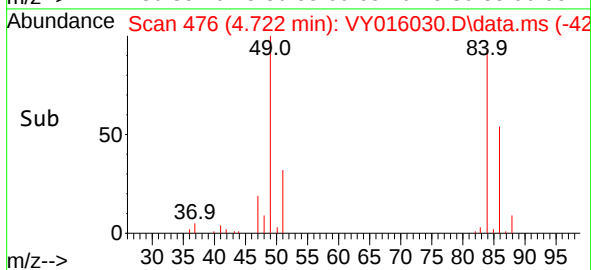
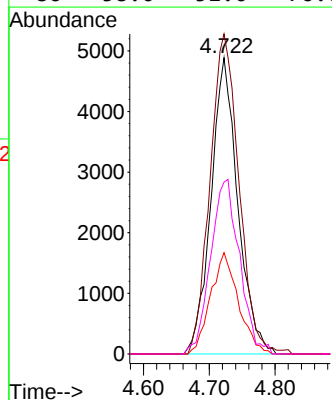
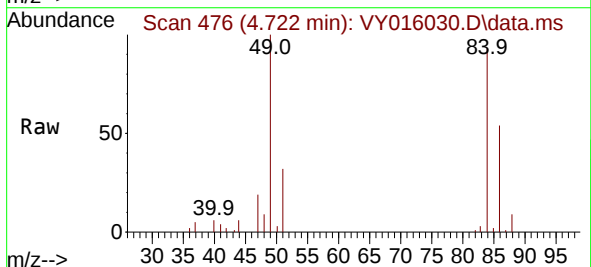
Instrument :
MSVOA_Y
ClientSampleId :
TR-304-COMP-21

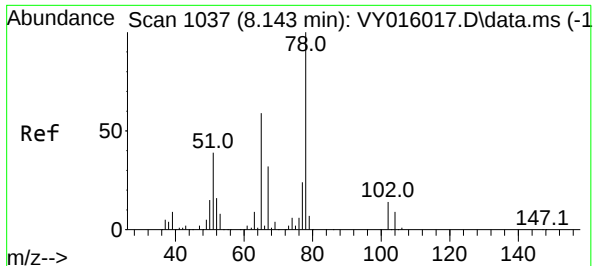
Tgt Ion:168 Resp: 142074
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 7.814 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016030.D
Acq: 18 Oct 2023 19:15

Tgt Ion: 84 Resp: 13895
Ion Ratio Lower Upper
84 100
49 108.0 106.9 160.3
51 34.2 33.2 49.8
86 58.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.260 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY016030.D

Acq: 18 Oct 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

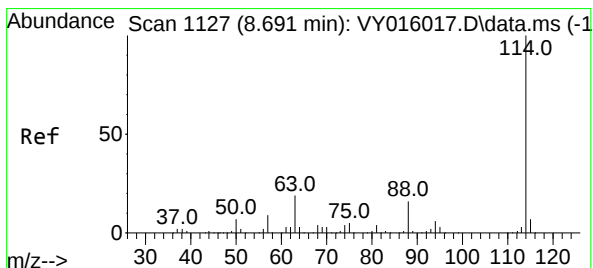
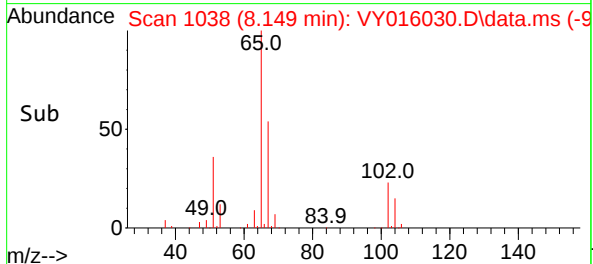
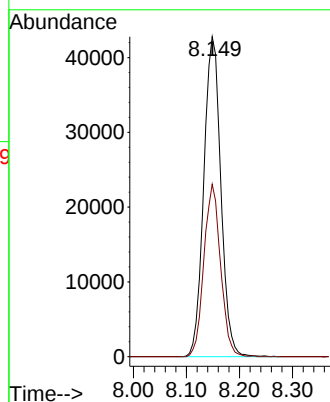
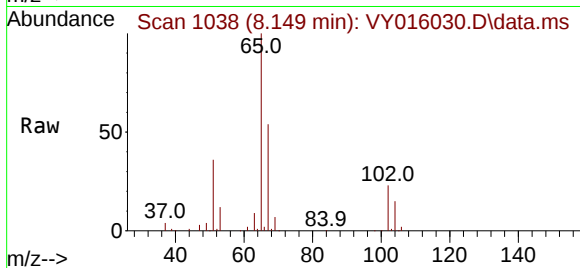
TR-304-COMP-21

Tgt Ion: 65 Resp: 95692

Ion Ratio Lower Upper

65 100

67 52.6 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: VY016030.D

Acq: 18 Oct 2023 19:15

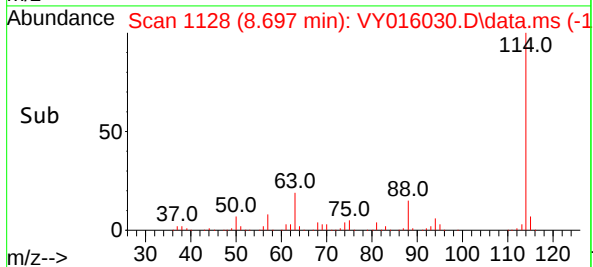
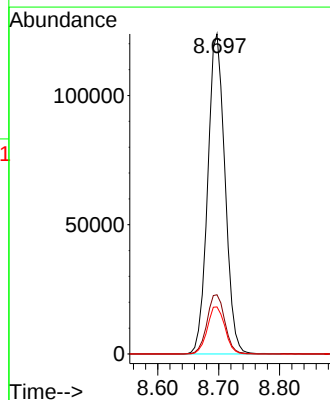
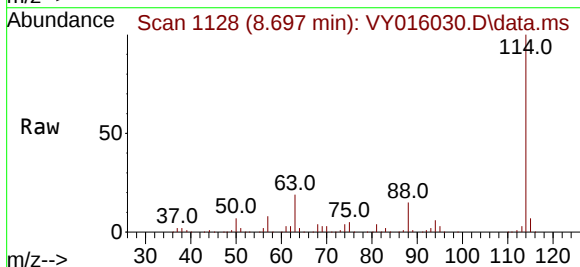
Tgt Ion: 114 Resp: 243471

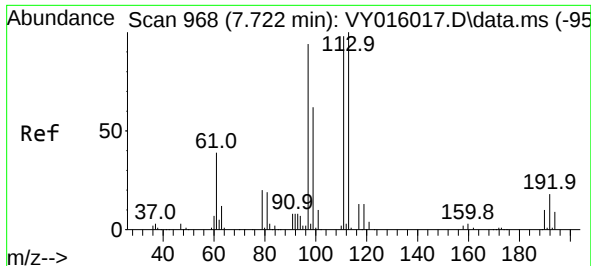
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6

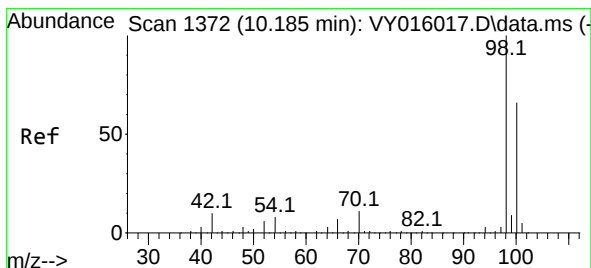
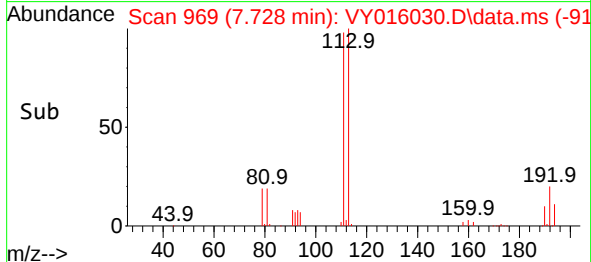
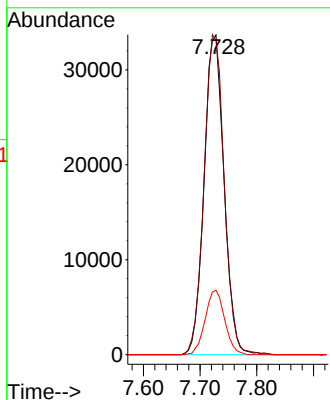
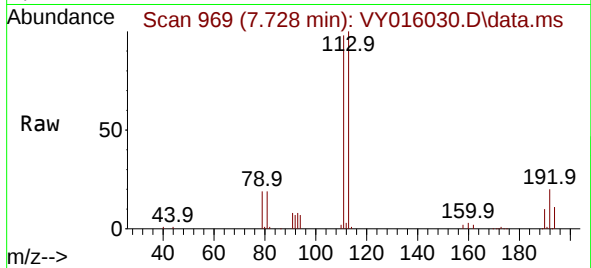




#35
 Dibromofluoromethane
 Concen: 51.272 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VY016030.D
 Acq: 18 Oct 2023 19:15

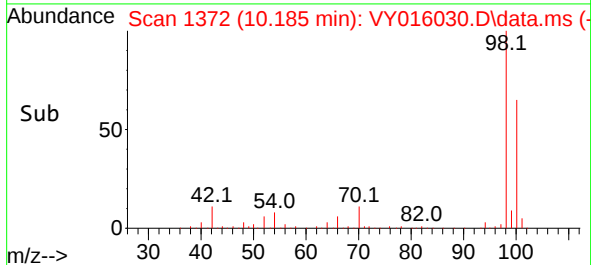
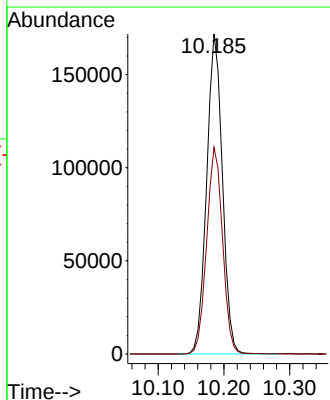
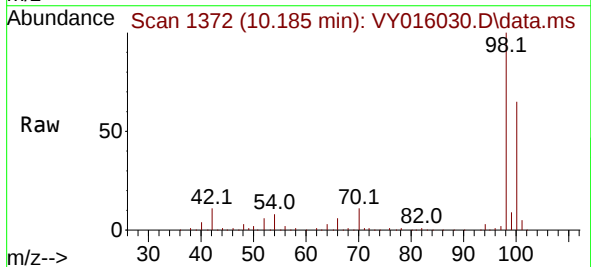
Instrument :
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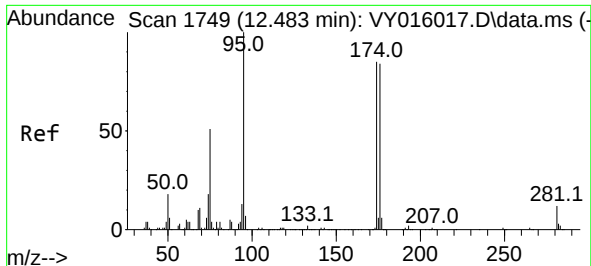
Tgt Ion:	113	Resp:	82166
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	19.8	16.9	25.3



#50
 Toluene-d8
 Concen: 49.172 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY016030.D
 Acq: 18 Oct 2023 19:15

Tgt Ion:	98	Resp:	286191
Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.1	75.1

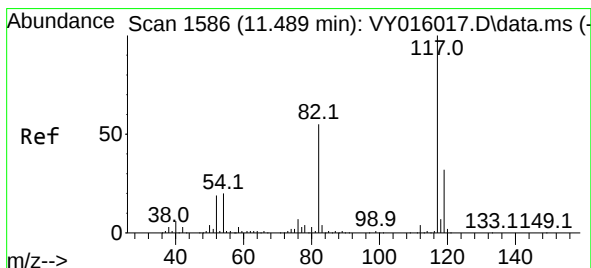
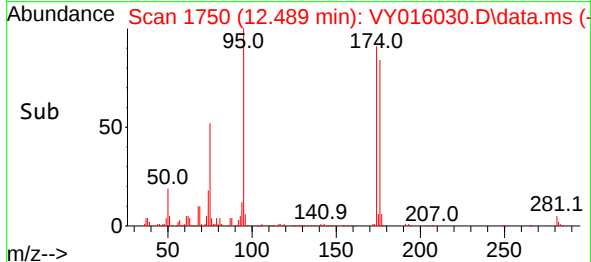
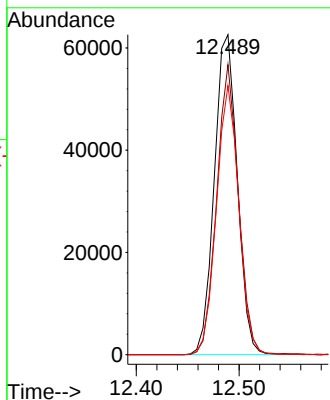
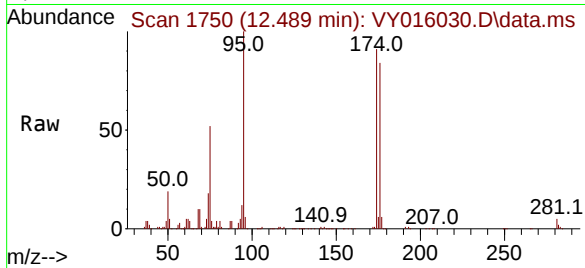




#62
4-Bromofluorobenzene
Concen: 46.743 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY016030.D
Acq: 18 Oct 2023 19:15

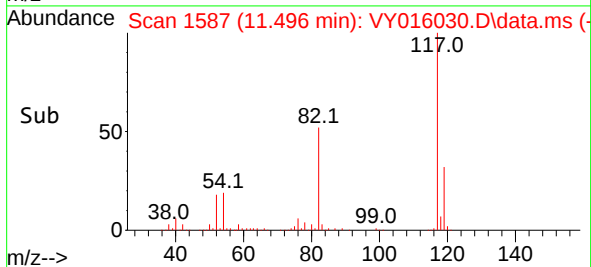
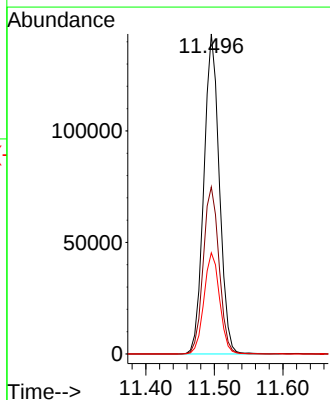
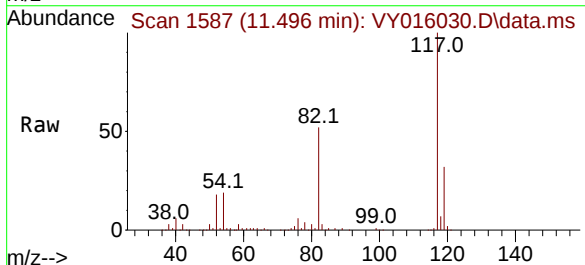
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TR-304-COMP-21

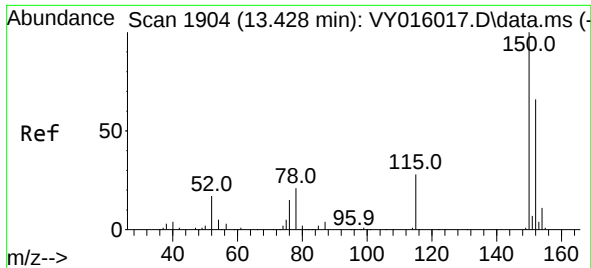
Tgt Ion: 95 Resp: 97074
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016030.D
Acq: 18 Oct 2023 19:15

Tgt Ion: 117 Resp: 225519
Ion Ratio Lower Upper
117 100
82 52.2 43.4 65.0
119 31.6 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: VY016030.D

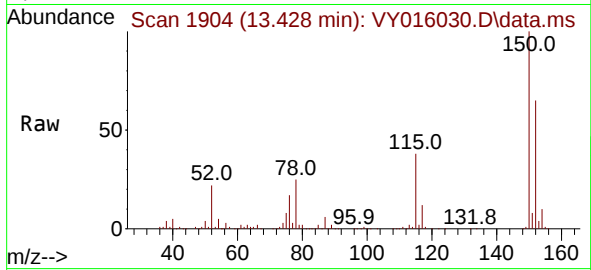
Acq: 18 Oct 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

TR-304-COMP-21



Tgt Ion:152 Resp: 106011

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.5 0.0 348.8

