

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015960.D
 Acq On : 13 Oct 2023 16:16
 Operator : SY/MD
 Sample : 04844-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-08

Quant Time: Oct 13 17:54:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

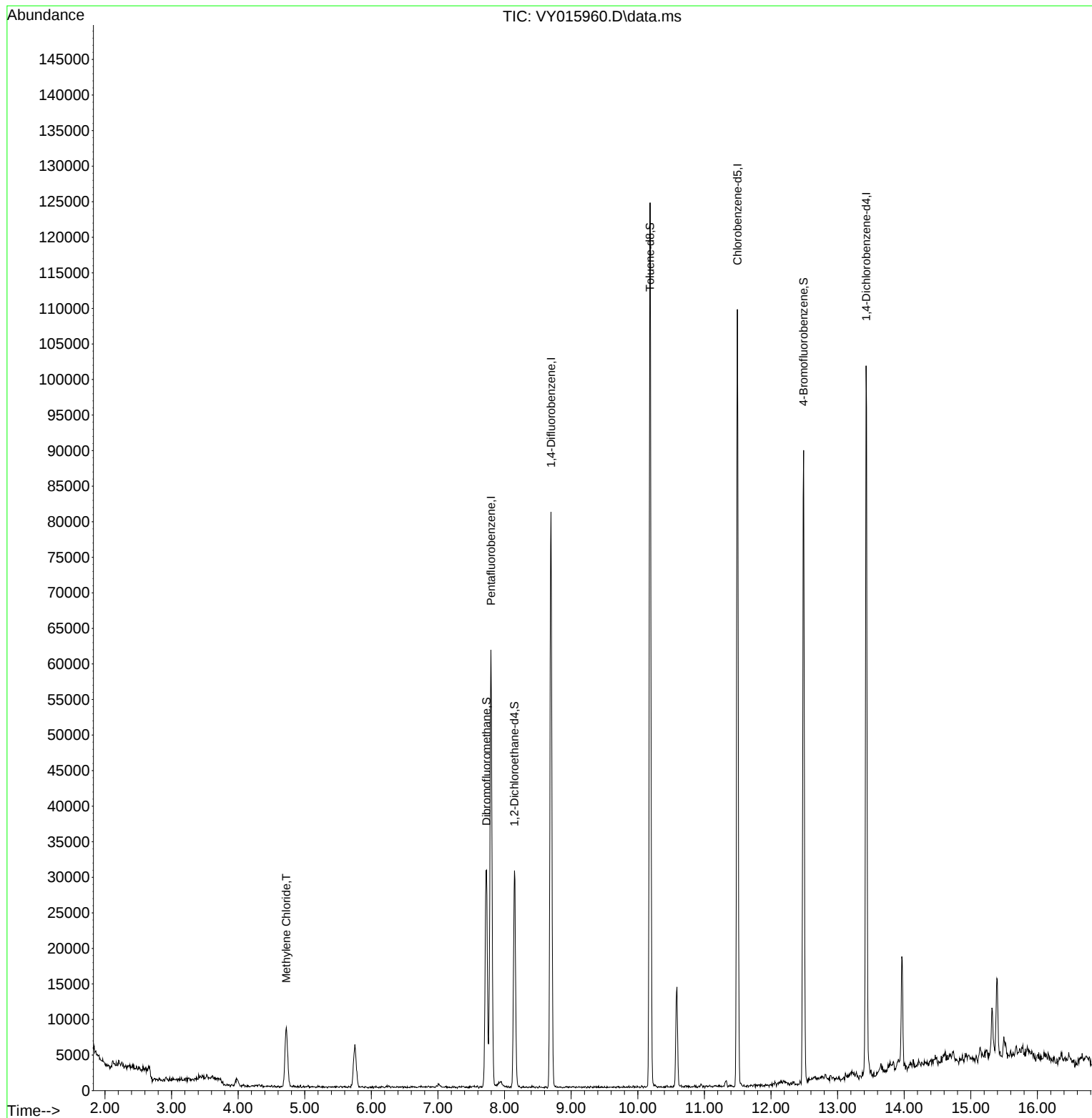
Internal Standards						
1) Pentafluorobenzene	7.795	168	46751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	69530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	60668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	23525	44.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.180%
35) Dibromofluoromethane	7.728	113	22623	51.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.185	98	80304	48.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.489	95	24266	41.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.140%
Target Compounds						
20) Methylene Chloride	4.723	84	6376	7.221	ug/l	90

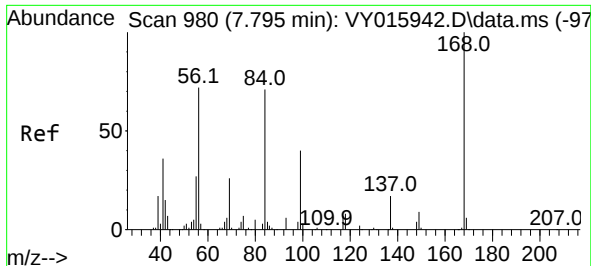
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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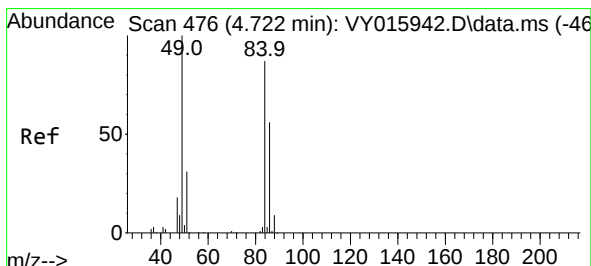
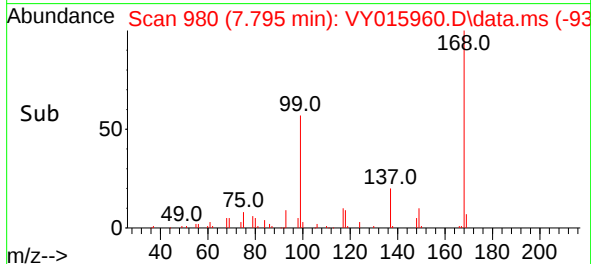
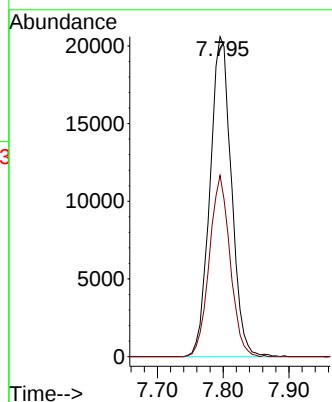
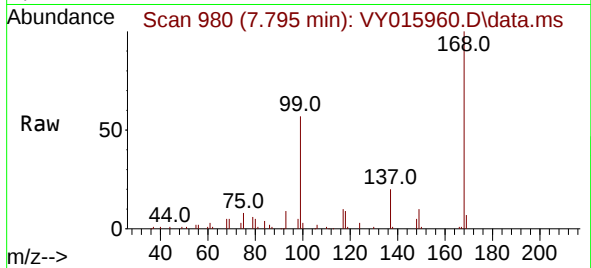




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

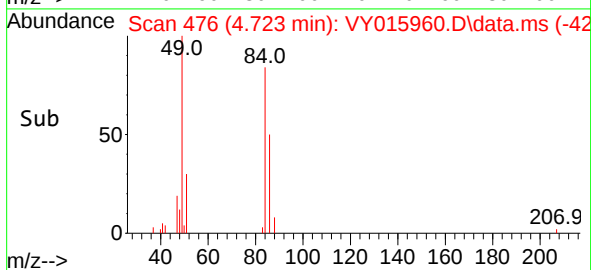
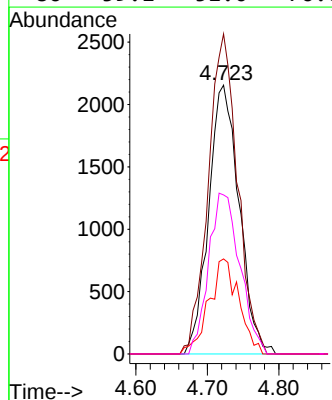
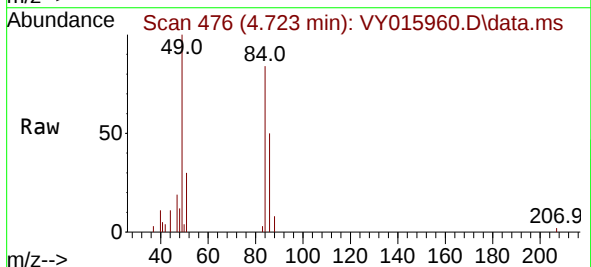
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-08

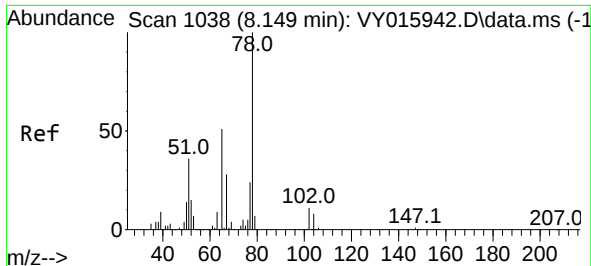
Tgt Ion:168 Resp: 46751
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#20
Methylene Chloride
Concen: 7.221 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion: 84 Resp: 6376
Ion Ratio Lower Upper
84 100
49 119.0 106.9 160.3
51 35.3 33.2 49.8
86 59.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 44.091 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015960.D

Acq: 13 Oct 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

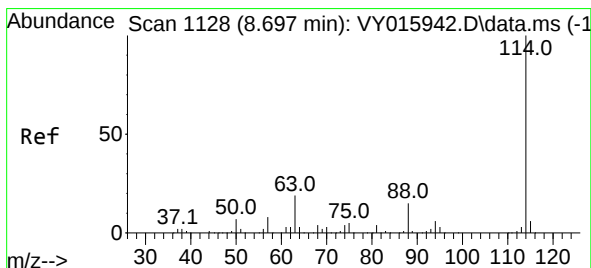
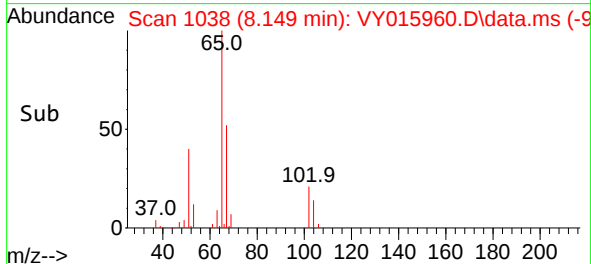
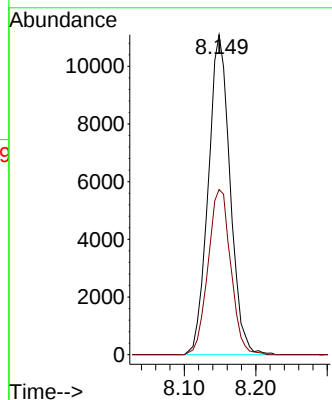
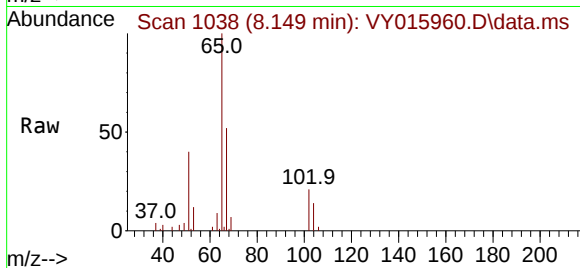
OR-603-COMP-08

Tgt Ion: 65 Resp: 23525

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015960.D

Acq: 13 Oct 2023 16:16

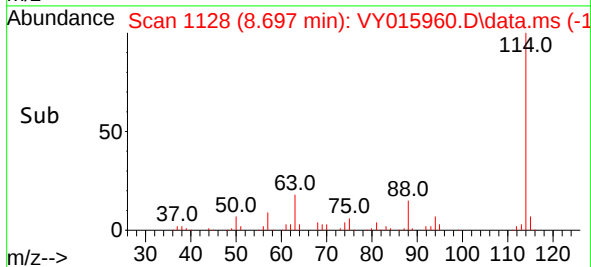
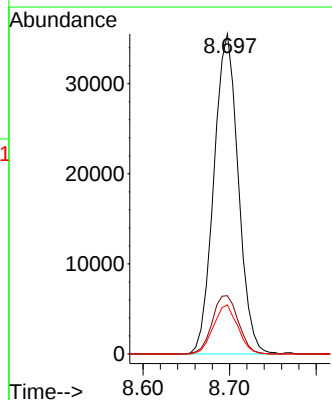
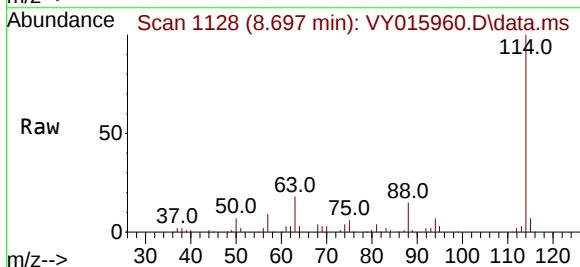
Tgt Ion: 114 Resp: 69530

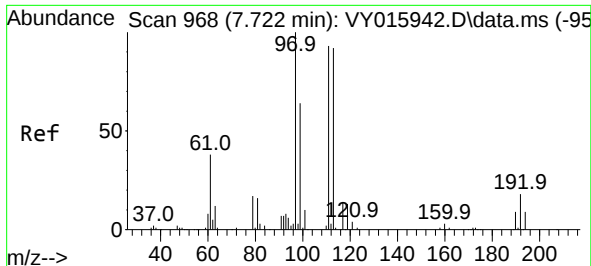
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 15.3 0.0 30.6

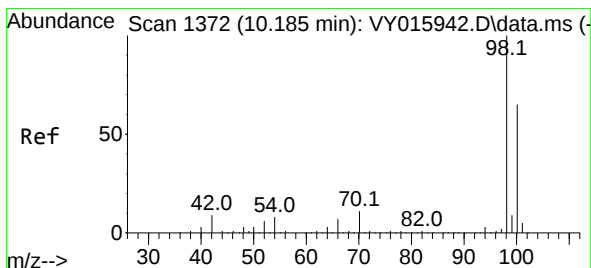
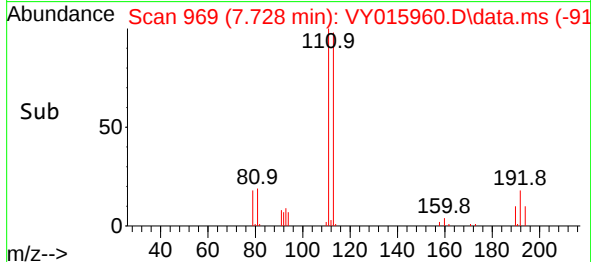
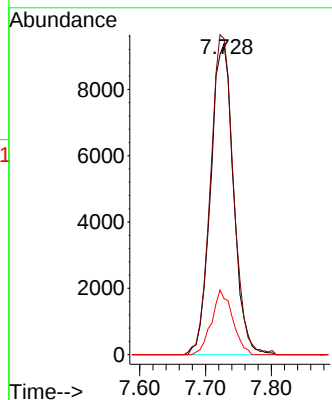
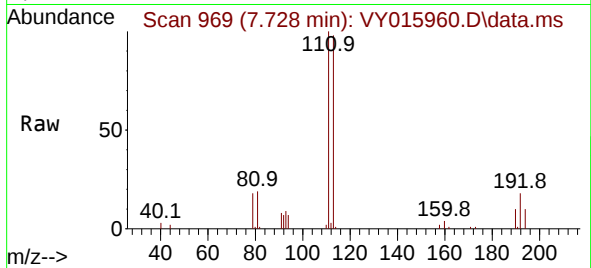




#35
Dibromofluoromethane
Concen: 51.683 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

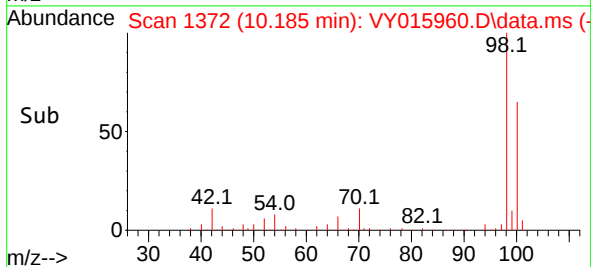
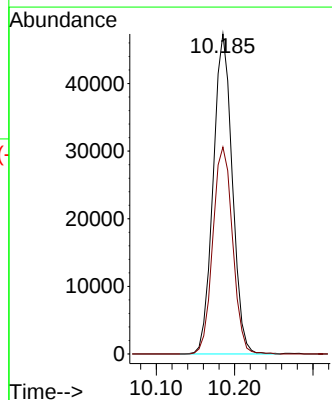
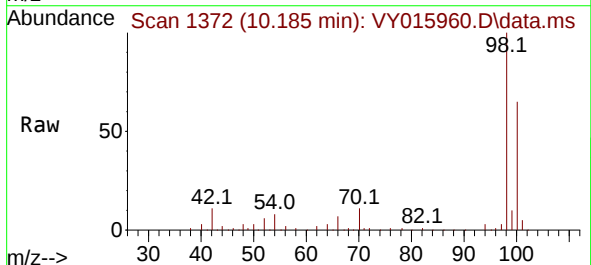
Instrument :
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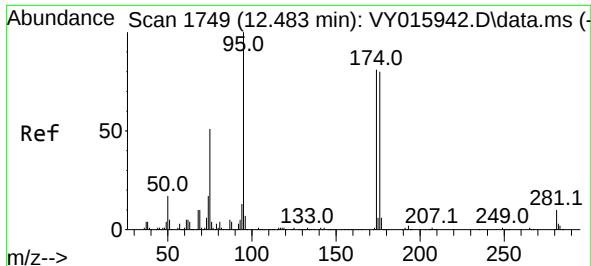
Tgt Ion:113 Resp: 22623
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 48.988 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

Tgt Ion: 98 Resp: 80304
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1

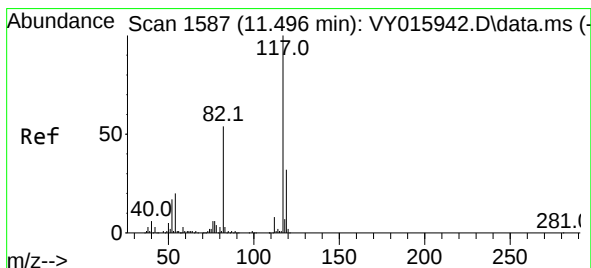
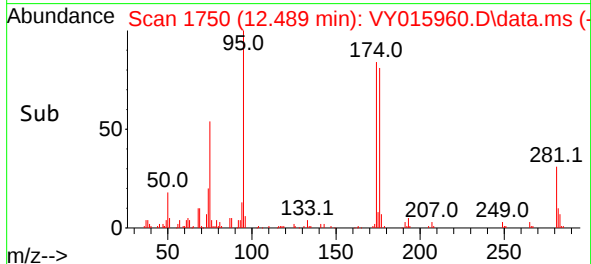
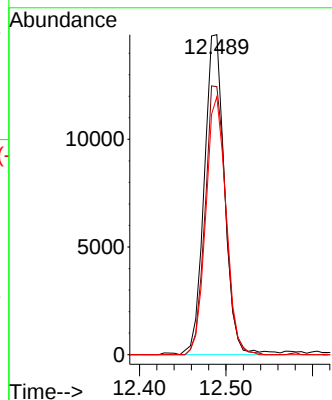
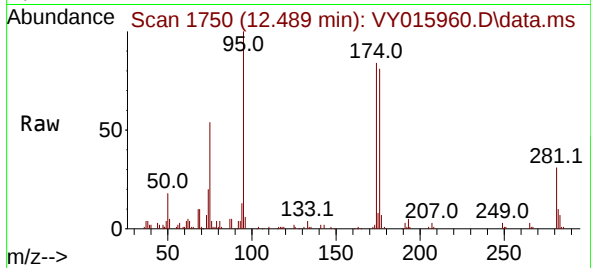




#62
4-Bromofluorobenzene
Concen: 41.572 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

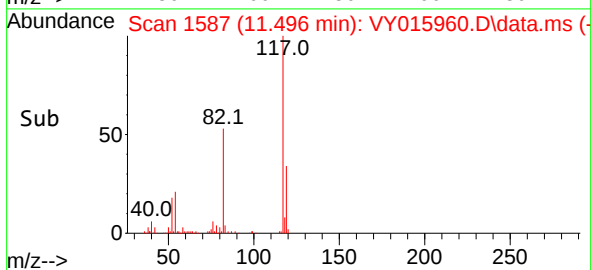
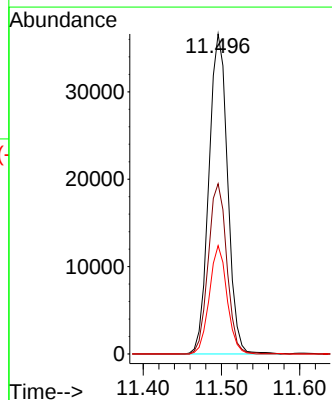
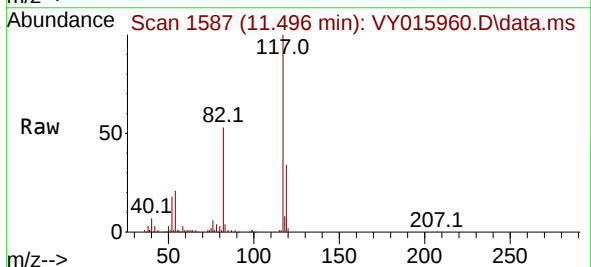
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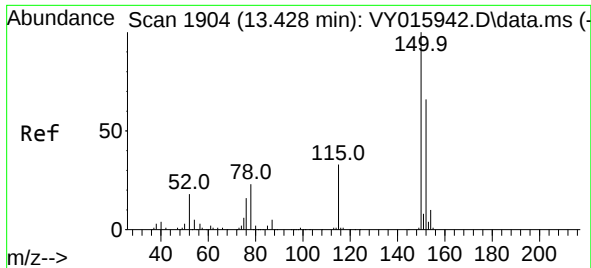
Tgt Ion: 95 Resp: 24266
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 80.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015960.D
Acq: 13 Oct 2023 16:16

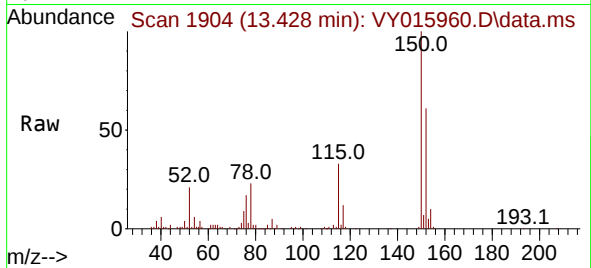
Tgt Ion: 117 Resp: 60668
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 33.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015960.D
 Acq: 13 Oct 2023 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-08



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.8	86.5
150	158.1	0.0	348.8

