

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016126.D
 Acq On : 30 Oct 2023 12:16
 Operator : SY/MD
 Sample : 05062-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-102523RE

Quant Time: Oct 31 01:47:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

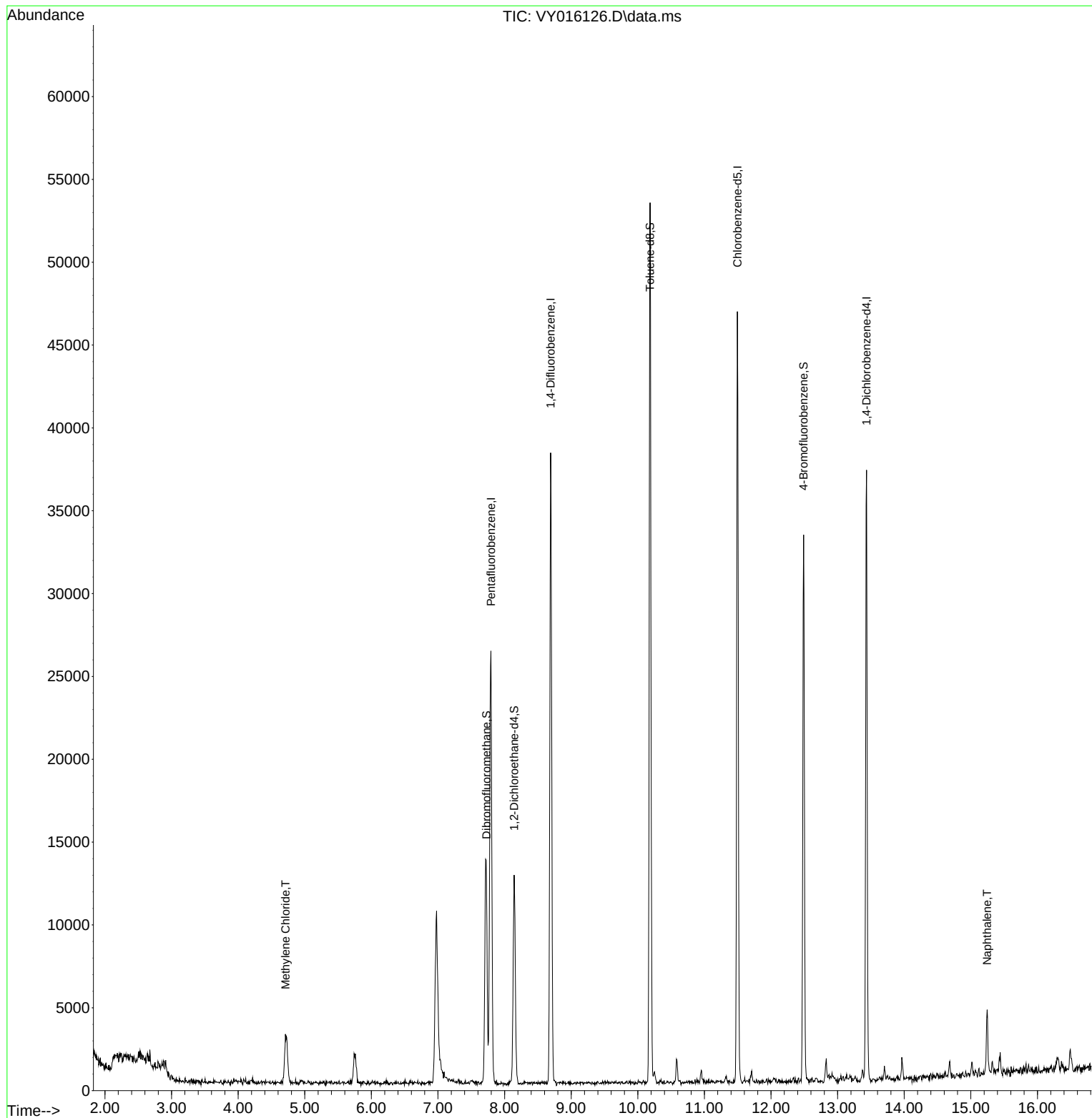
Internal Standards						
1) Pentafluorobenzene	7.795	168	20907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	26419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	9921	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9687	46.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.728	113	10235	48.738	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.185	98	37021	47.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.489	95	10174	38.129	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.260%
Target Compounds						
20) Methylene Chloride	4.710	84	2433	5.951	ug/l	84
95) Naphthalene	15.245	128	3618	10.293	ug/l	96

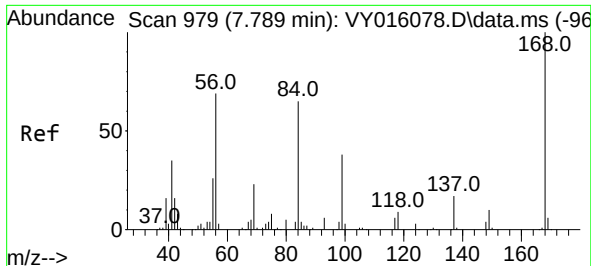
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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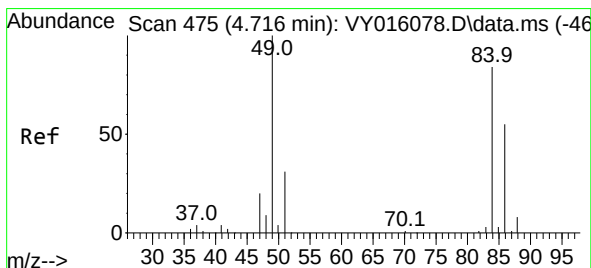
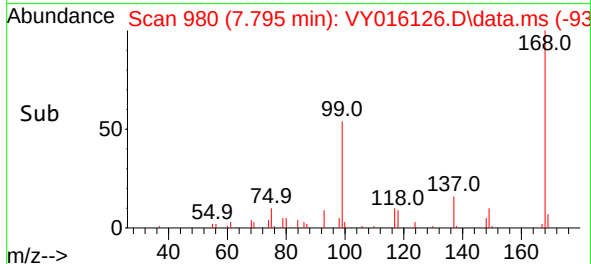
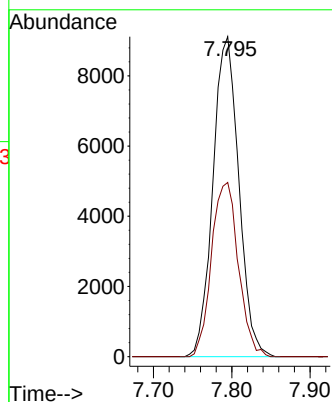
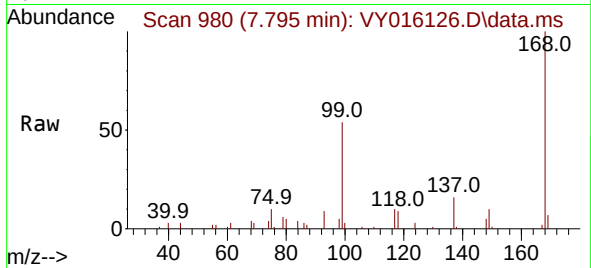




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016126.D
Acq: 30 Oct 2023 12:16

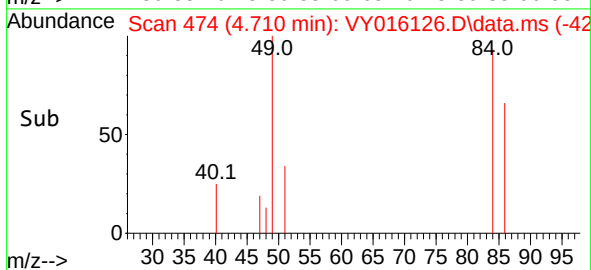
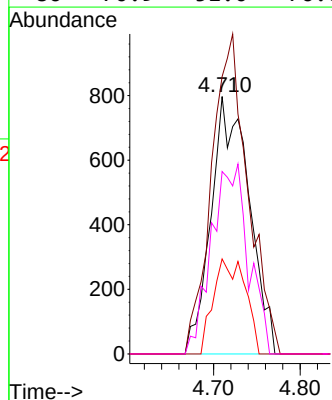
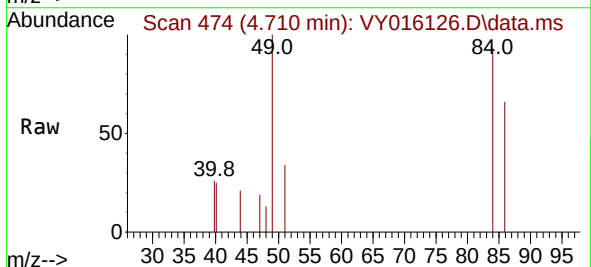
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-102523RE

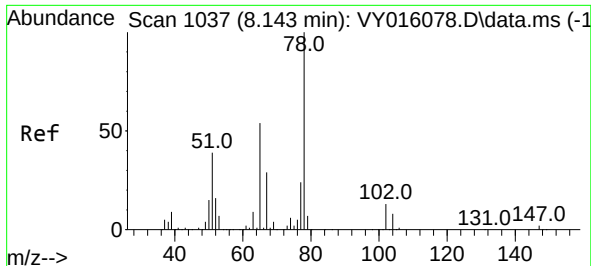
Tgt Ion:168 Resp: 20907
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#20
Methylene Chloride
Concen: 5.951 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016126.D
Acq: 30 Oct 2023 12:16

Tgt Ion: 84 Resp: 2433
Ion Ratio Lower Upper
84 100
49 107.8 106.9 160.3
51 36.9 33.2 49.8
86 70.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 46.596 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016126.D

Acq: 30 Oct 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

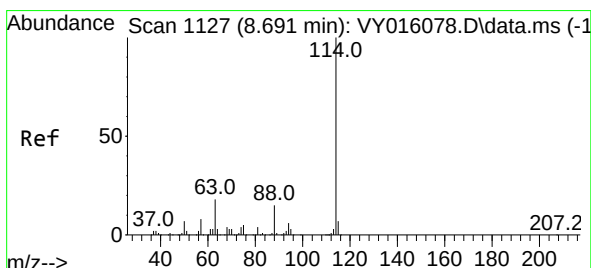
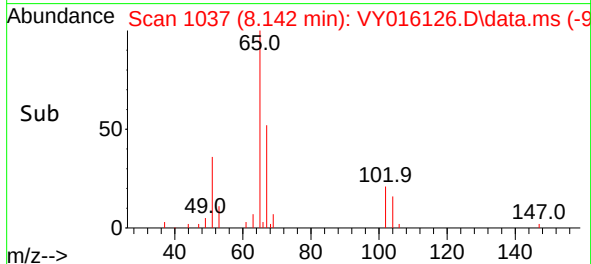
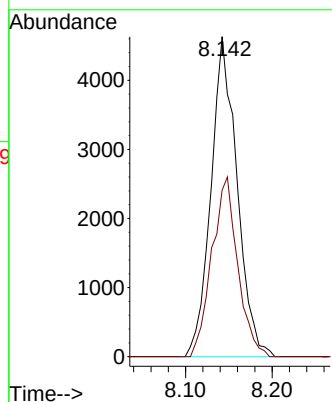
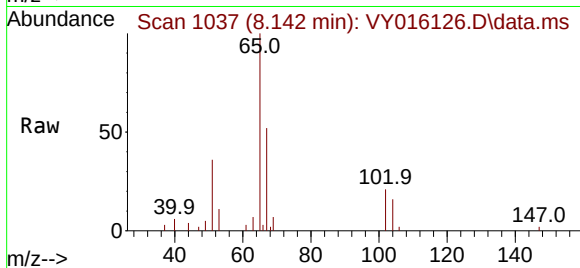
NB-07-102523RE

Tgt Ion: 65 Resp: 9687

Ion Ratio Lower Upper

65 100

67 55.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016126.D

Acq: 30 Oct 2023 12:16

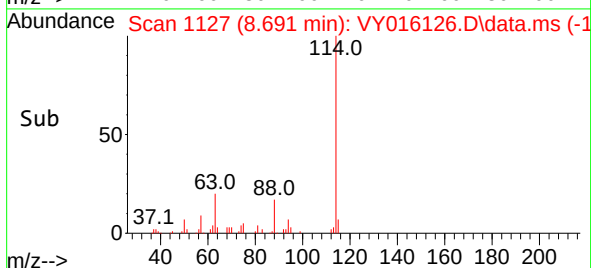
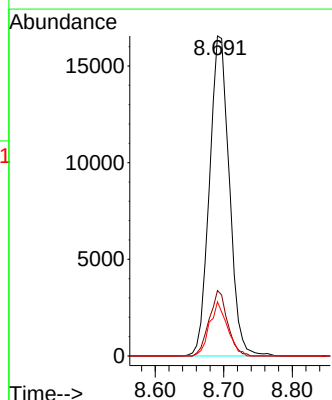
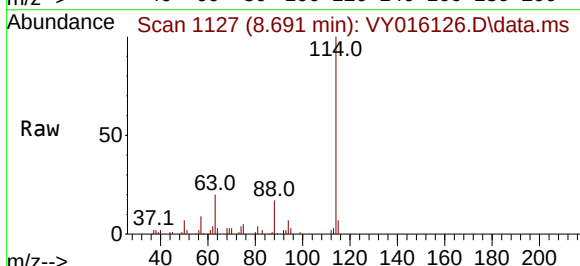
Tgt Ion: 114 Resp: 33265

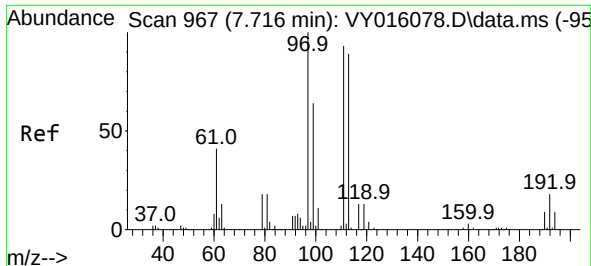
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY016126.D

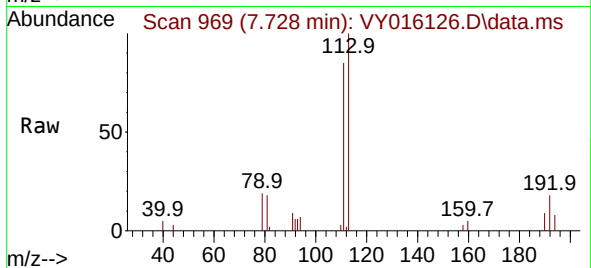
Acq: 30 Oct 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-102523RE



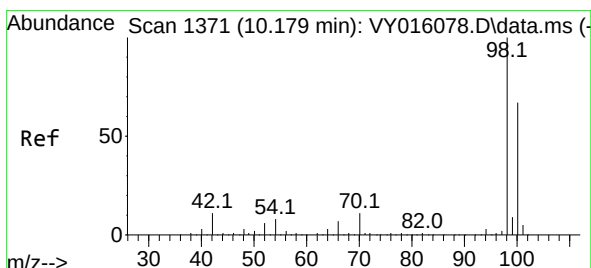
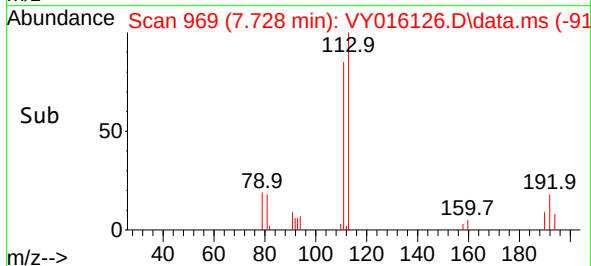
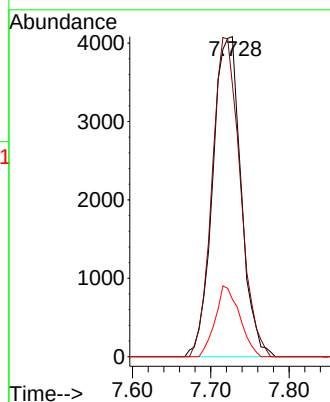
Tgt Ion:113 Resp: 10235

Ion Ratio Lower Upper

113 100

111 98.9 81.3 121.9

192 19.1 16.9 25.3



#50

Toluene-d8

Concen: 47.592 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY016126.D

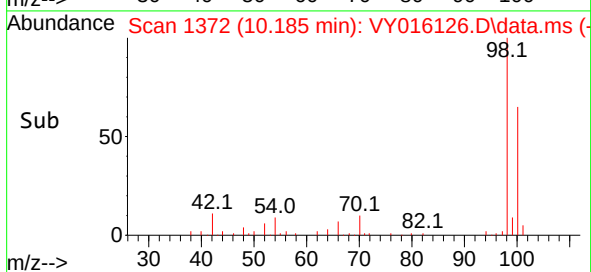
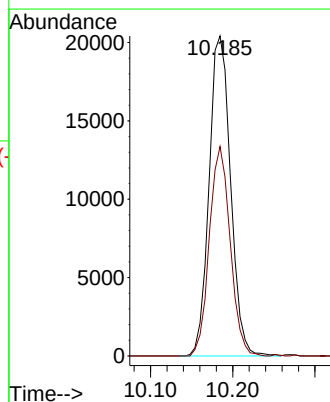
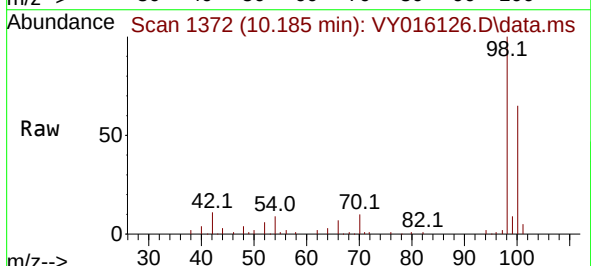
Acq: 30 Oct 2023 12:16

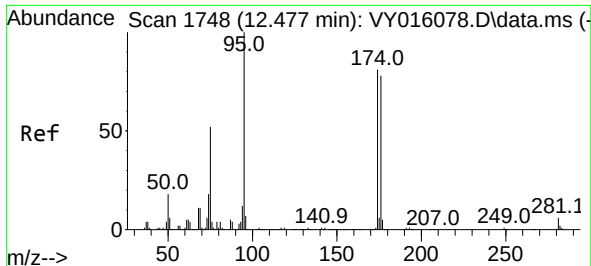
Tgt Ion: 98 Resp: 37021

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1

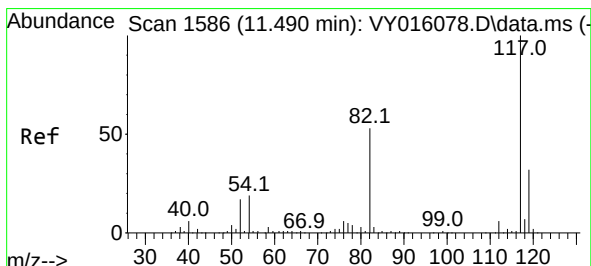
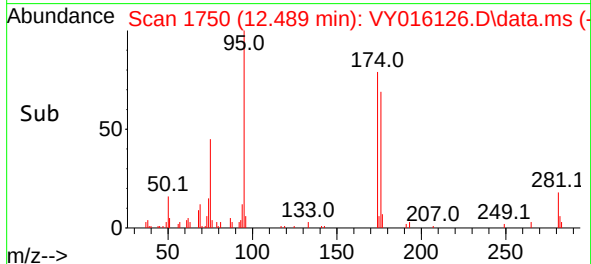
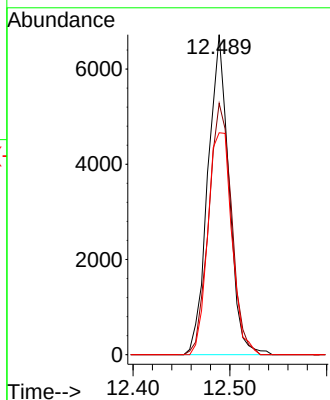
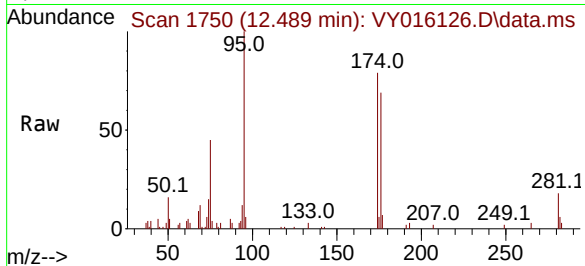




#62
4-Bromofluorobenzene
Concen: 38.129 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016126.D
Acq: 30 Oct 2023 12:16

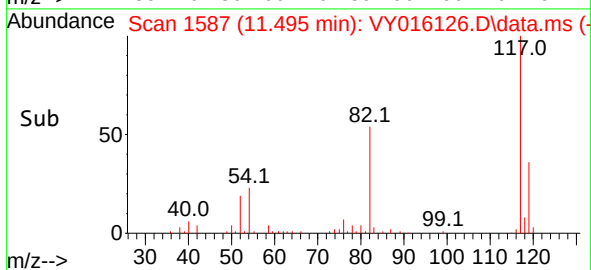
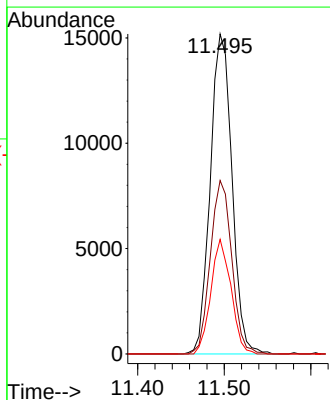
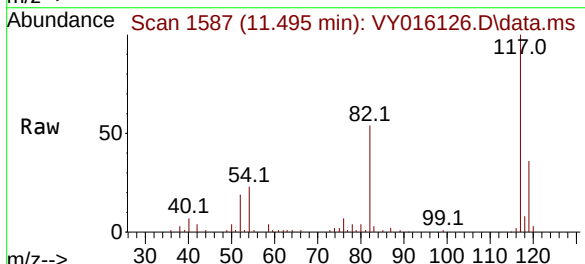
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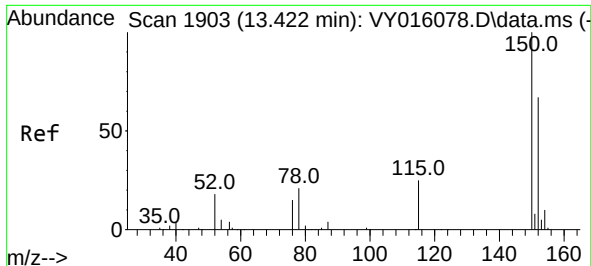
Tgt Ion: 95	Resp:	10174
Ion Ratio	Lower	Upper
95	100	
174	85.3	0.0 178.2
176	79.2	0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016126.D
Acq: 30 Oct 2023 12:16

Tgt Ion: 117	Resp:	26419
Ion Ratio	Lower	Upper
117	100	
82	54.2	43.4 65.0
119	35.8	26.3 39.5

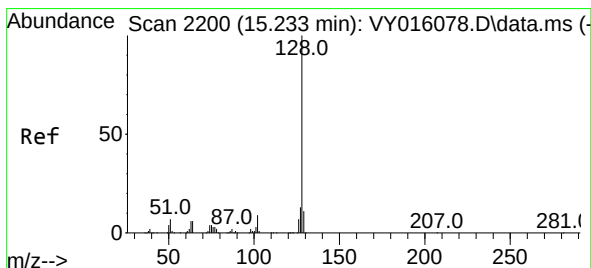
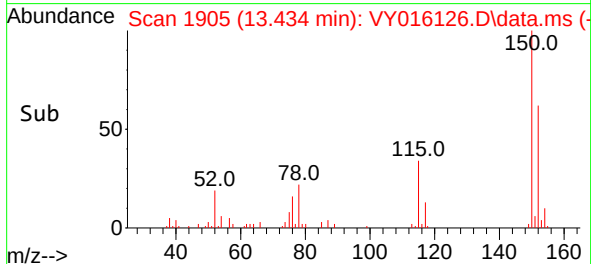
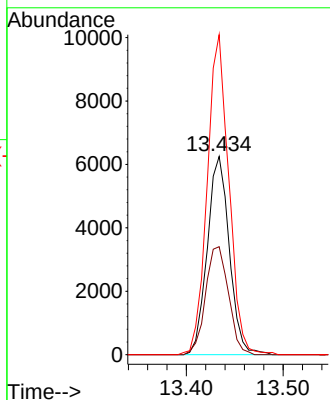
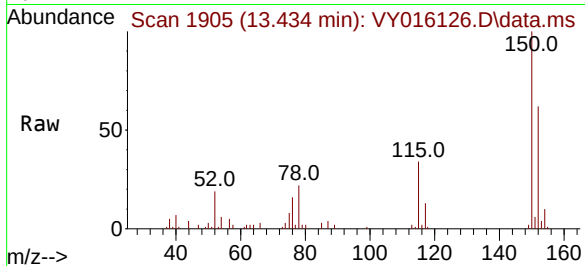




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY016126.D
Acq: 30 Oct 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-102523RE

Tgt Ion:152 Resp: 9921
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 158.1 0.0 348.8



#95
Naphthalene
Concen: 10.293 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY016126.D
Acq: 30 Oct 2023 12:16

Tgt Ion:128 Resp: 3618
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 9.4 8.6 13.0

