

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017528.D
 Acq On : 29 Feb 2024 15:11
 Operator : SY/MD
 Sample : VY0229SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBL01

Quant Time: Mar 01 00:29:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

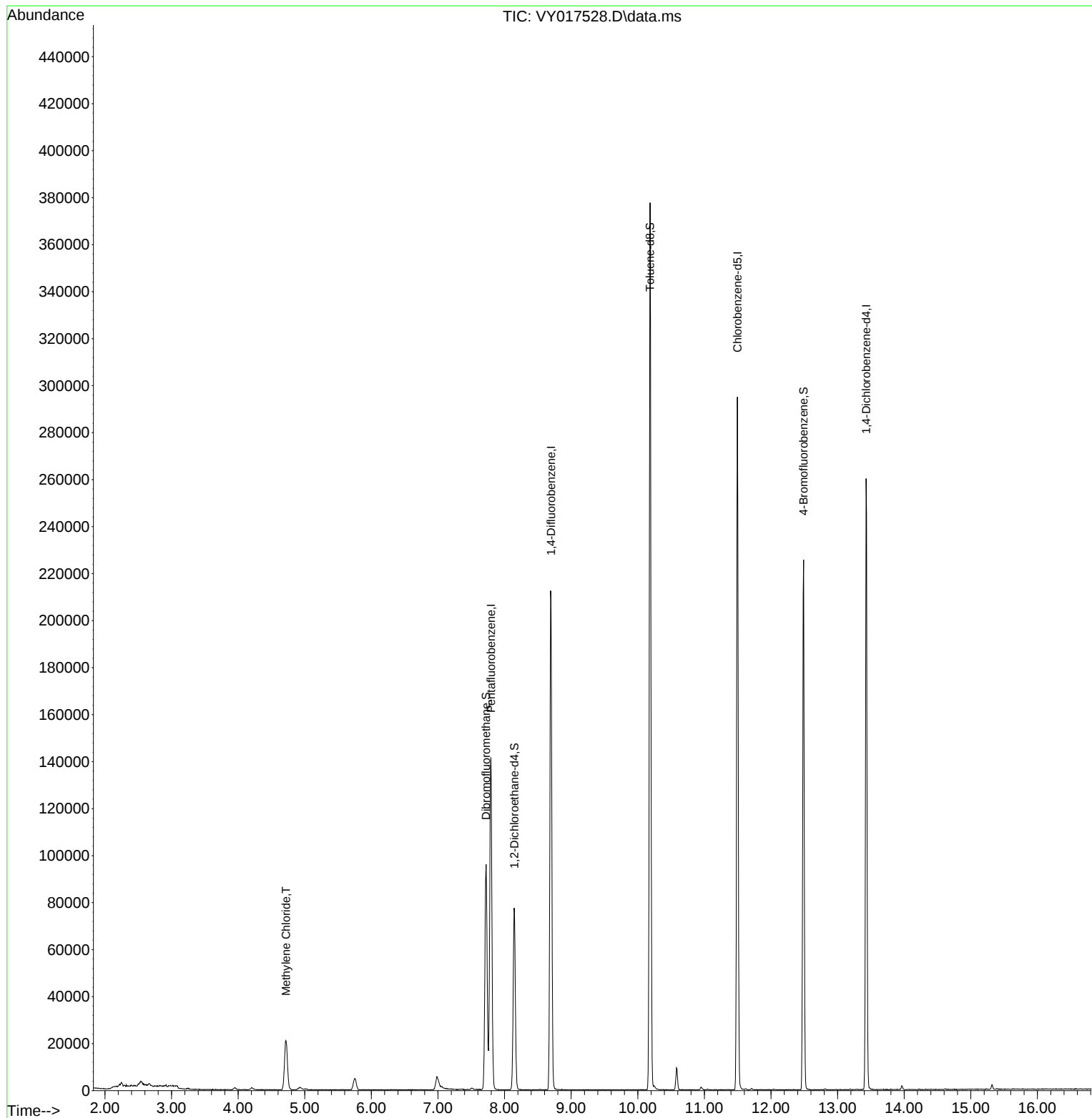
Internal Standards						
1) Pentafluorobenzene	7.795	168	118917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57390	50.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.840%
35) Dibromofluoromethane	7.722	113	69023	50.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.185	98	249573	51.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.440%
62) 4-Bromofluorobenzene	12.489	95	66218	43.665	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.320%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	17666	9.296	ug/l	97

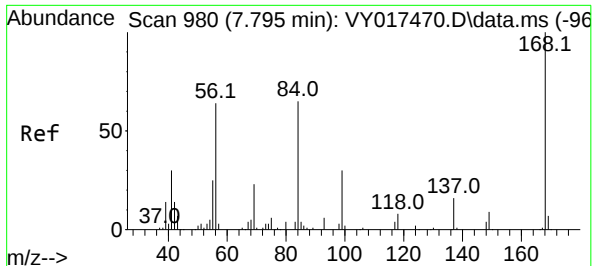
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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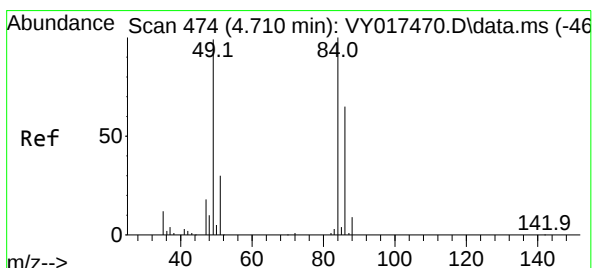
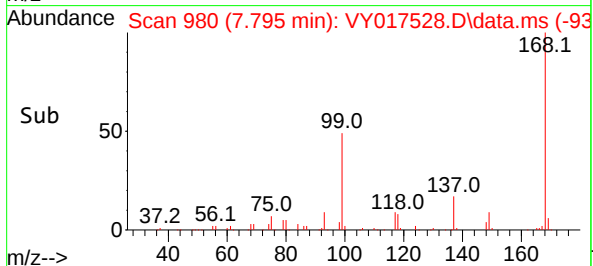
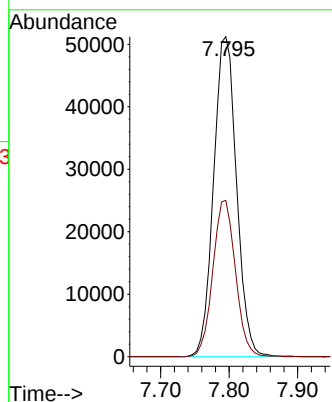
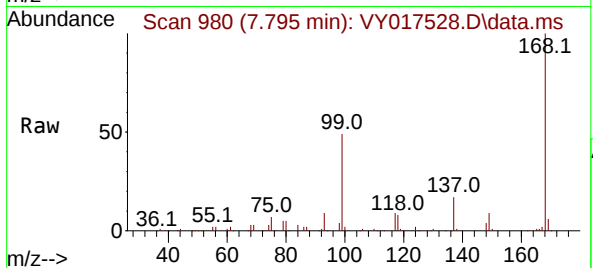




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

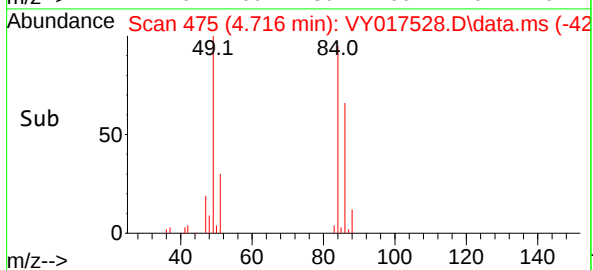
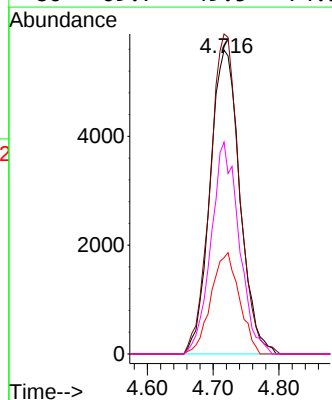
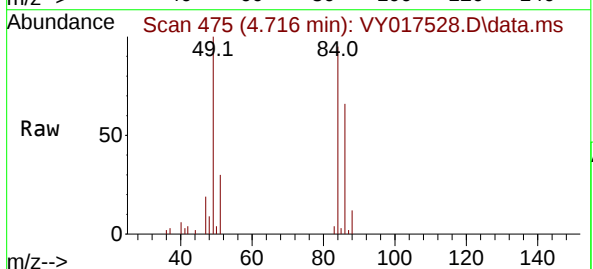
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

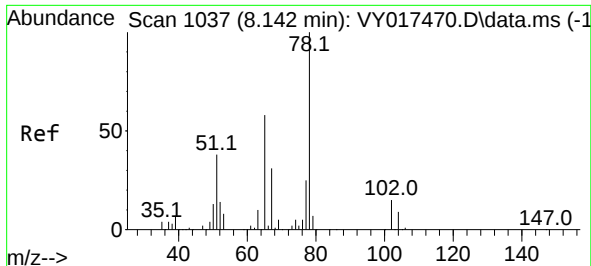
Tgt Ion:168 Resp: 118917
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.296 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 84 Resp: 17666
Ion Ratio Lower Upper
84 100
49 105.3 84.4 126.6
51 31.7 26.0 39.0
86 69.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 50.922 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

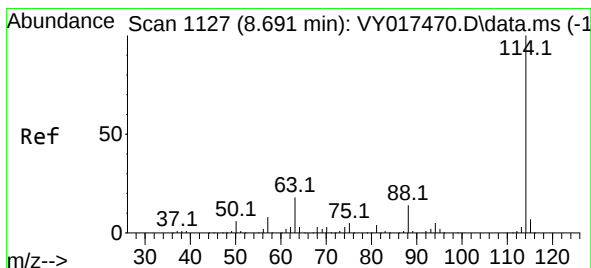
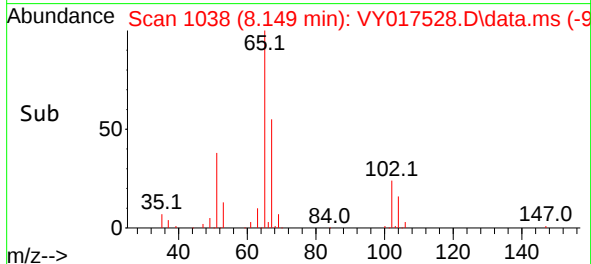
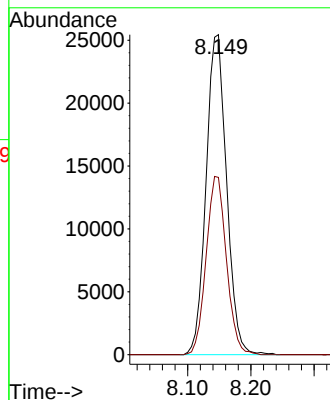
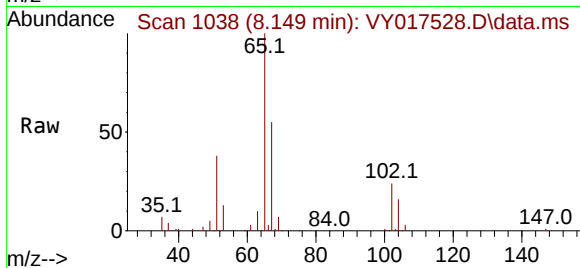
VY0229SBL01

Tgt Ion: 65 Resp: 57390

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017528.D

Acq: 29 Feb 2024 15:11

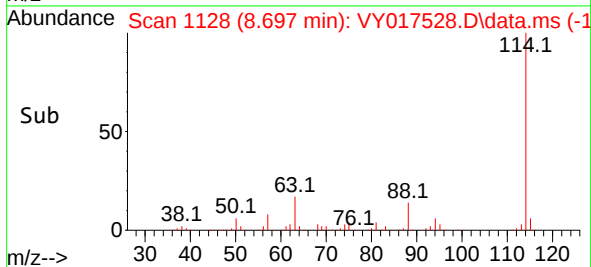
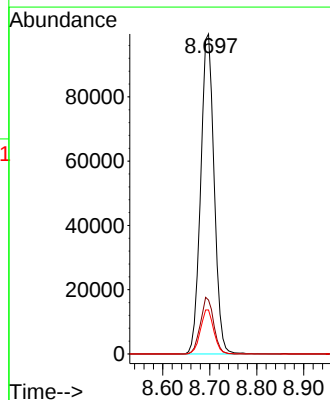
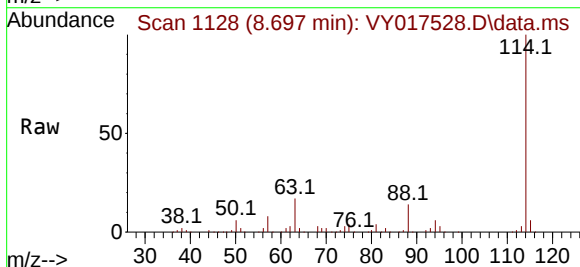
Tgt Ion: 114 Resp: 198058

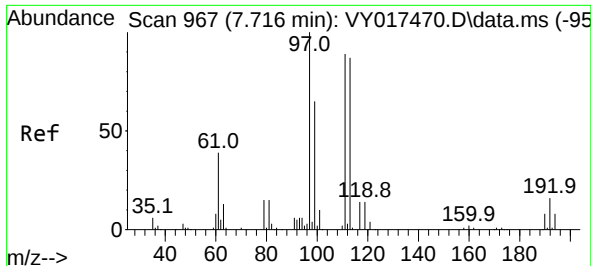
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.8 0.0 27.2

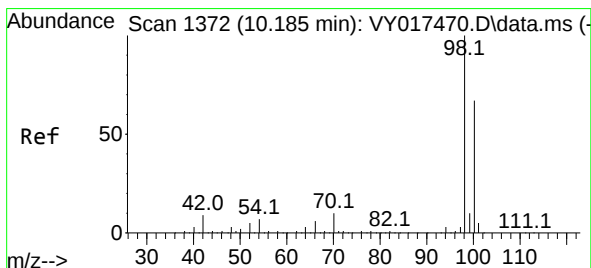
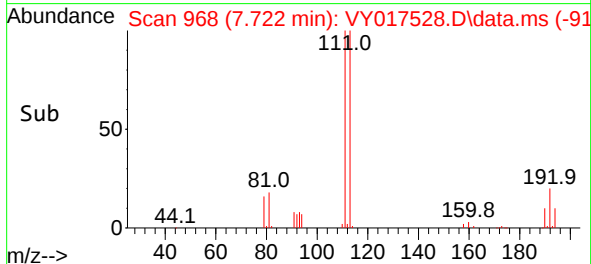
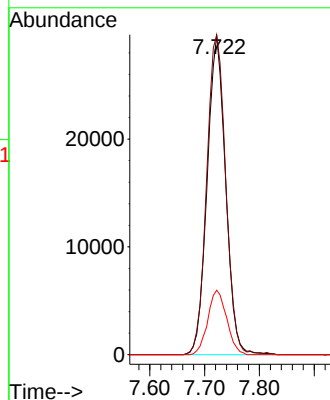
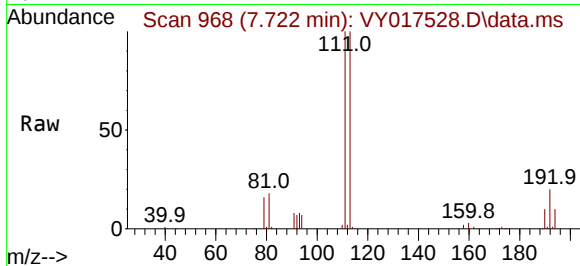




#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

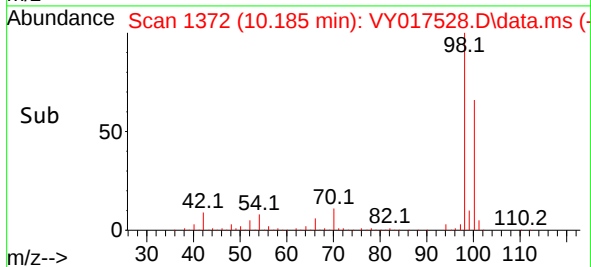
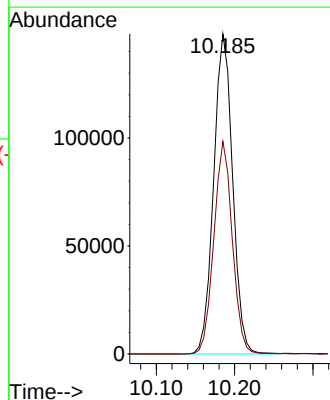
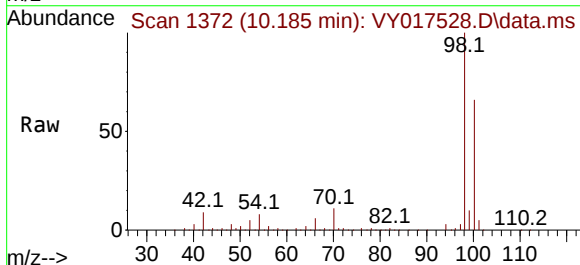
Instrument :
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ClientSampleId :
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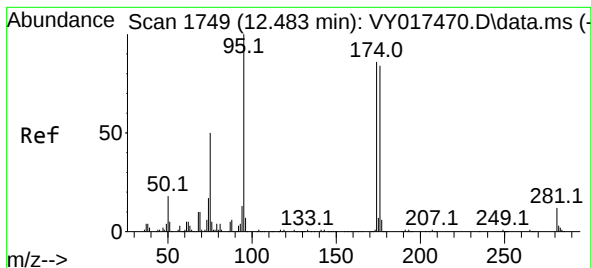
Tgt Ion:113 Resp: 69023
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.7 15.9 23.9



#50
Toluene-d8
Concen: 51.720 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 98 Resp: 249573
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

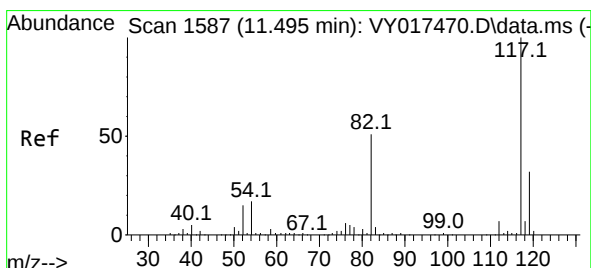
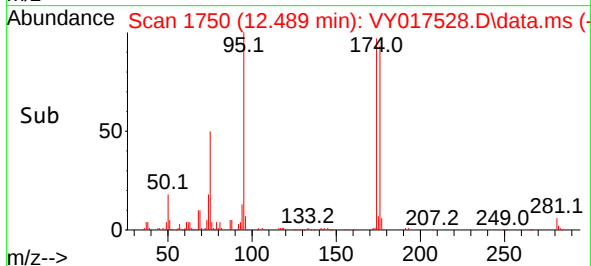
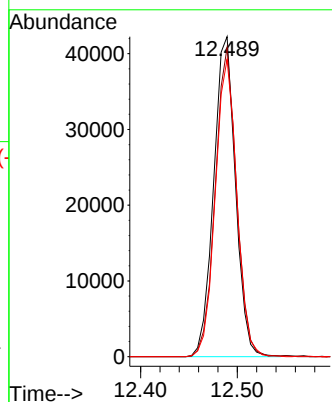
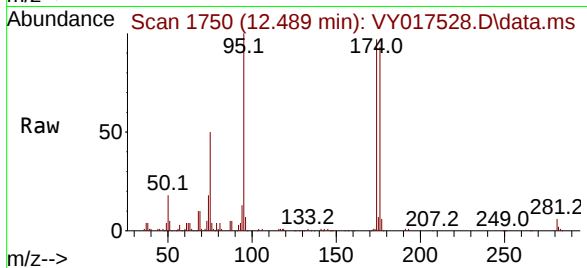




#62
4-Bromofluorobenzene
Concen: 43.665 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

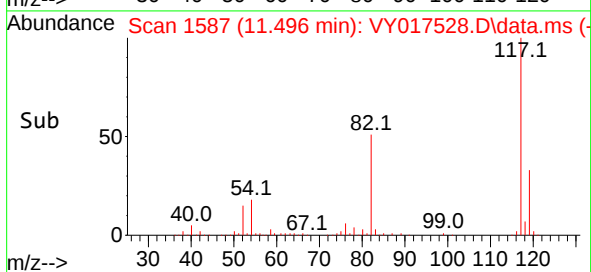
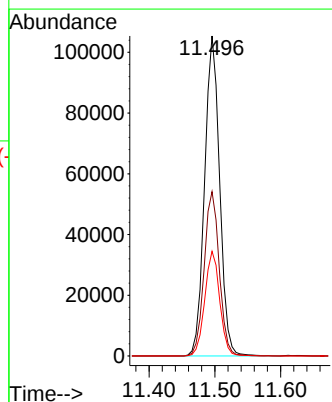
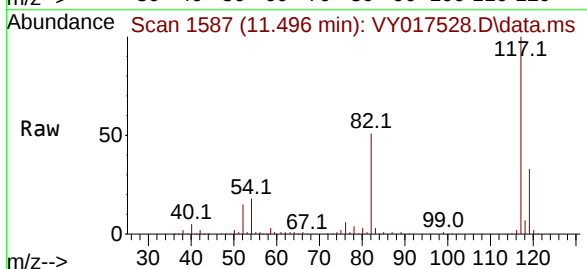
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBL01

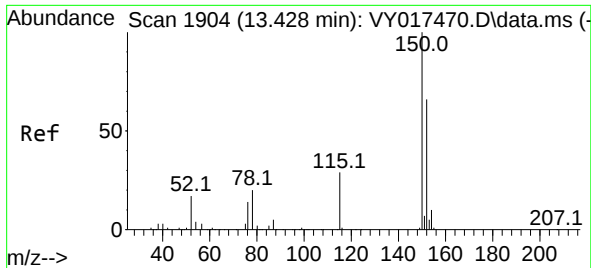
Tgt Ion: 95 Resp: 66218
Ion Ratio Lower Upper
95 100
174 94.3 0.0 175.6
176 91.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017528.D
Acq: 29 Feb 2024 15:11

Tgt Ion: 117 Resp: 167899
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017528.D

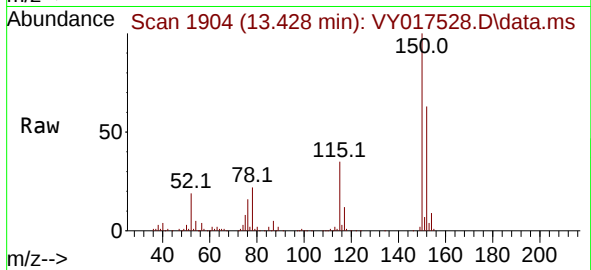
Acq: 29 Feb 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBL01



Tgt Ion:152 Resp: 70569

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 156.6 0.0 345.6

