

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017520.D
 Acq On : 28 Feb 2024 14:49
 Operator : SY/MD
 Sample : P1616-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-BAY-AVENUE

Quant Time: Feb 28 23:13:58 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)

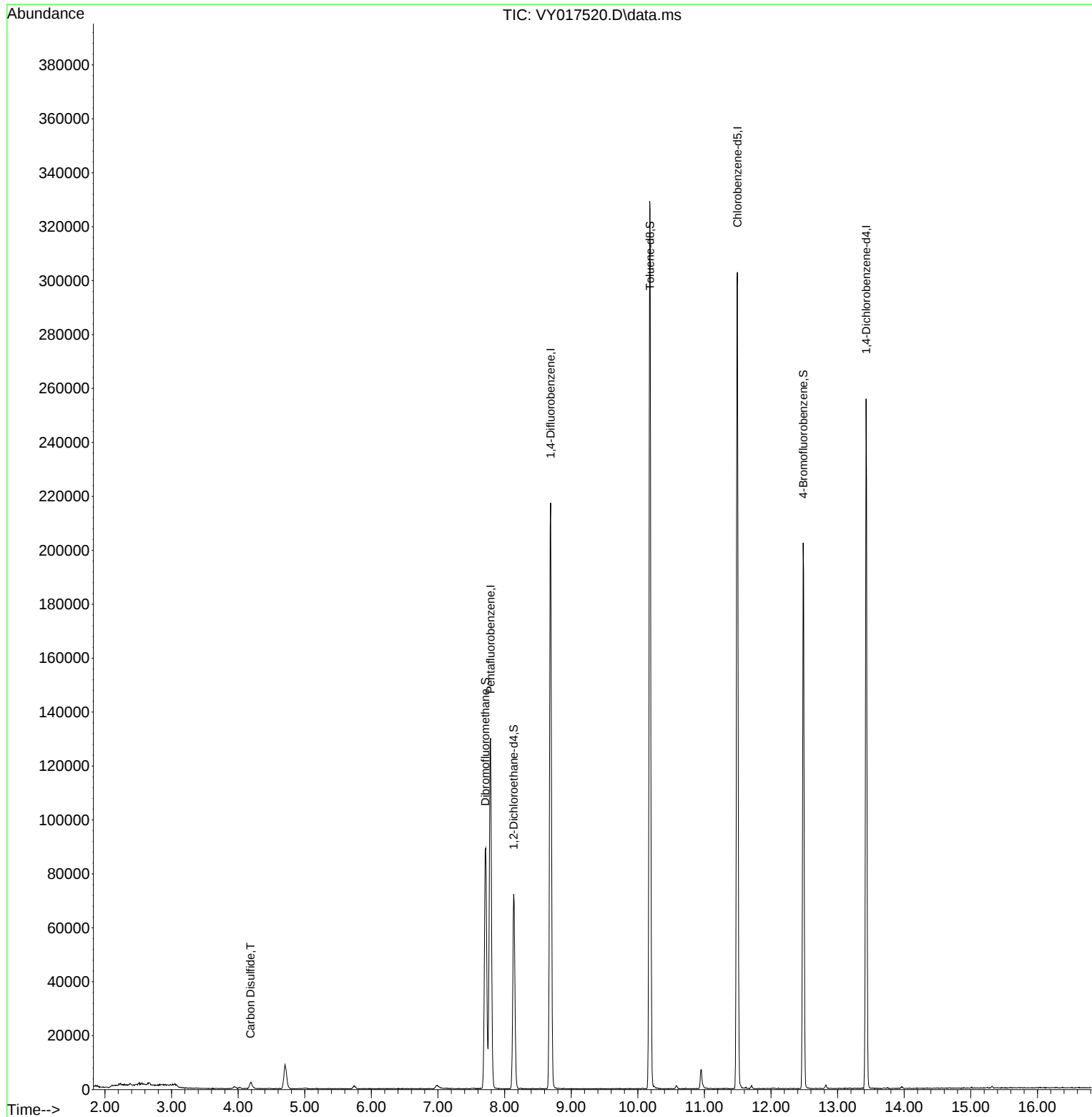
Internal Standards						
1) Pentafluorobenzene	7.789	168	109581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	180137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53894	51.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.780%
35) Dibromofluoromethane	7.709	113	65965	47.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.140%
50) Toluene-d8	10.185	98	227456	46.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.483	95	59700	39.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.360%
Target Compounds						
17) Carbon Disulfide	4.186	76	3796	1.222	ug/l	97

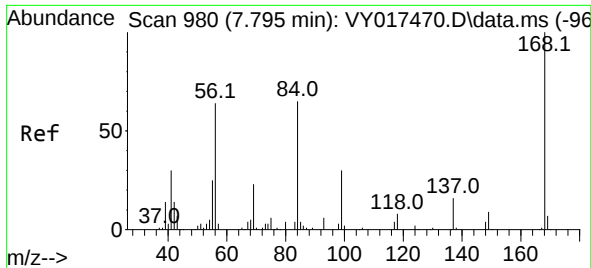
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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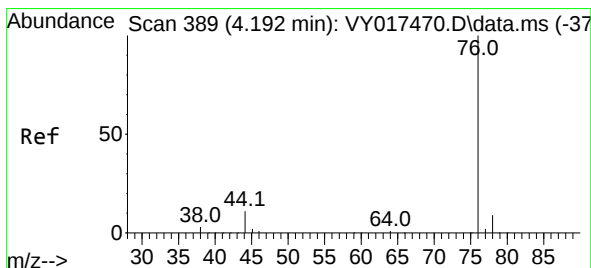
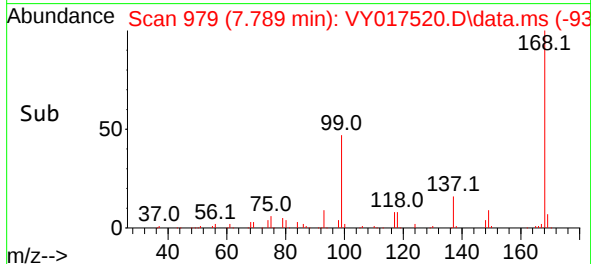
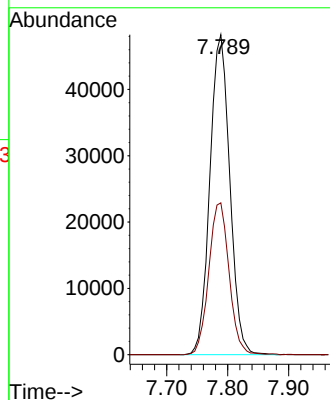
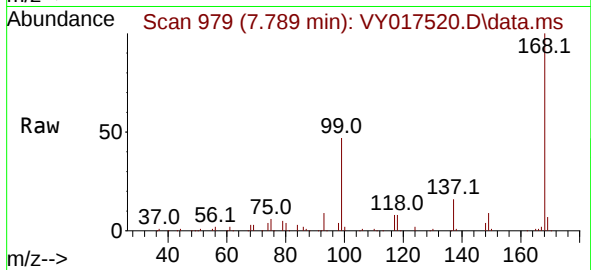




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

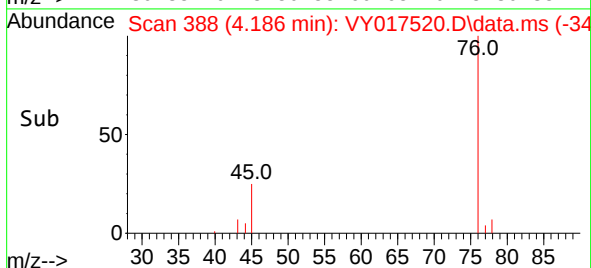
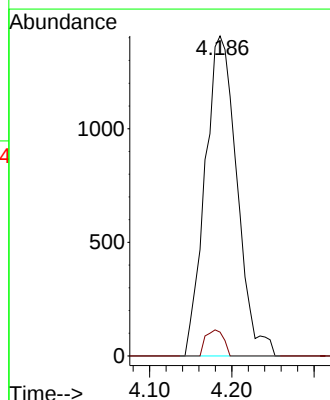
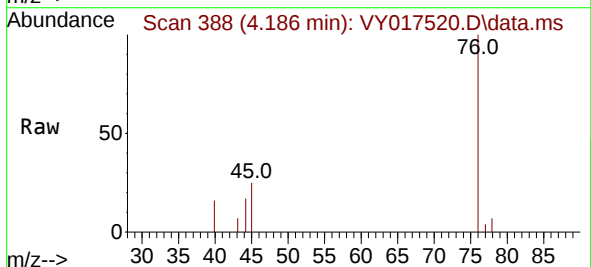
Instrument :
MSVOA_Y
ClientSampleId :
196-BAY-AVENUE

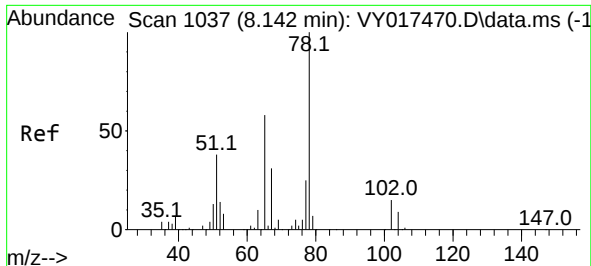
Tgt Ion:168 Resp: 109581
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#17
Carbon Disulfide
Concen: 1.222 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 76 Resp: 3796
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 51.894 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY017520.D

Acq: 28 Feb 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

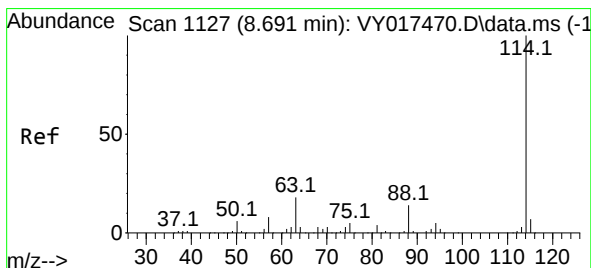
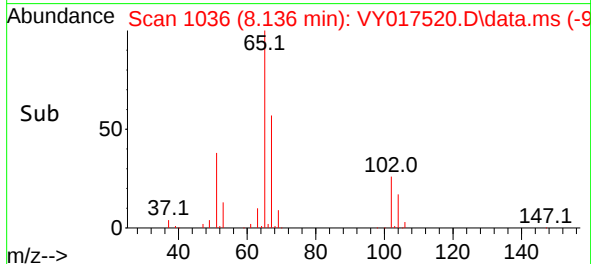
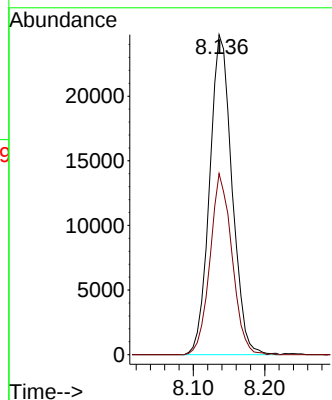
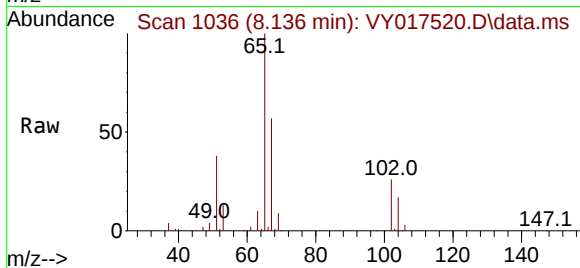
196-BAY-AVENUE

Tgt Ion: 65 Resp: 53894

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017520.D

Acq: 28 Feb 2024 14:49

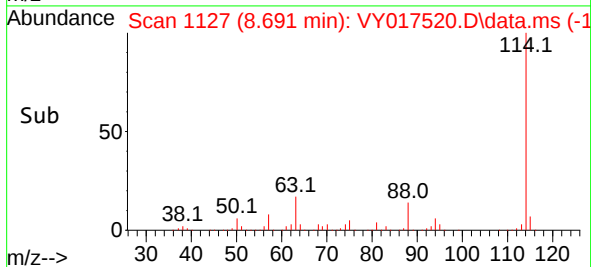
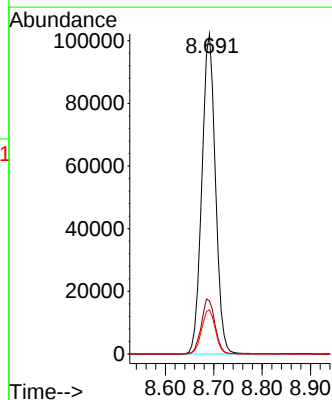
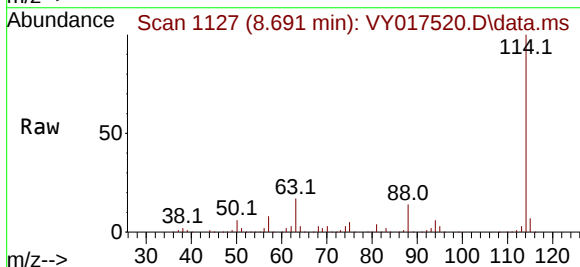
Tgt Ion: 114 Resp: 198981

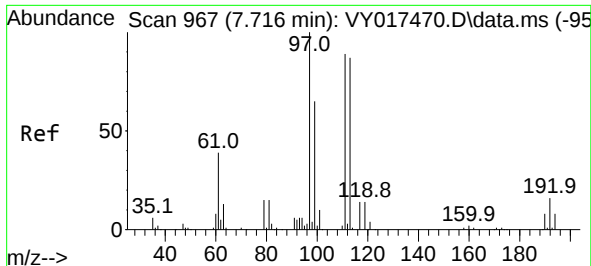
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.8 0.0 27.2

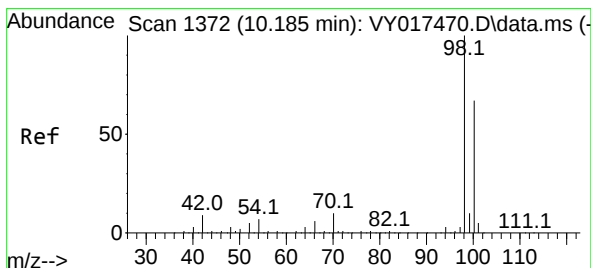
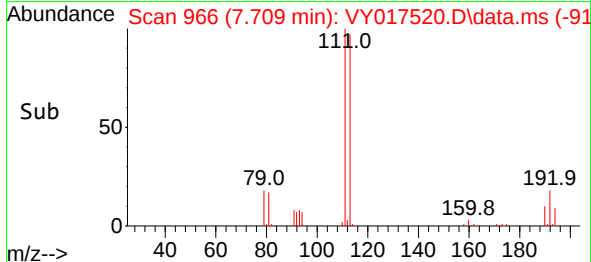
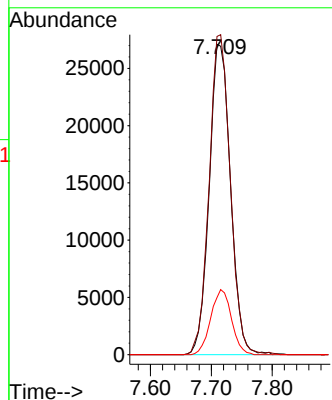
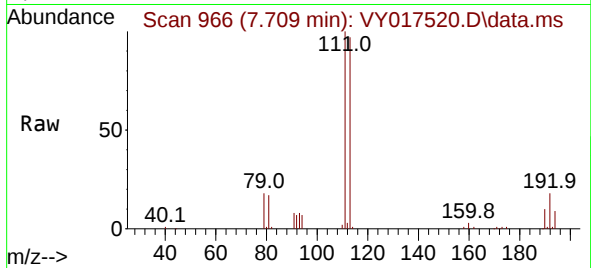




#35
Dibromofluoromethane
Concen: 47.575 ug/l
RT: 7.709 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

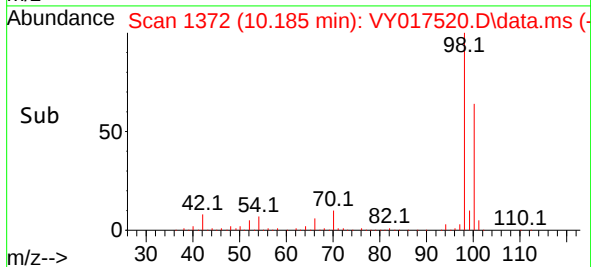
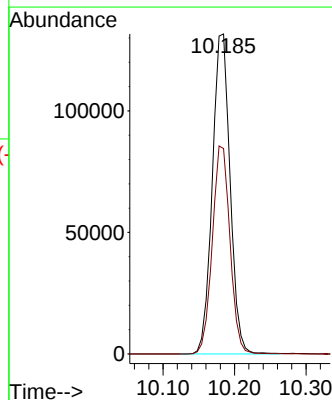
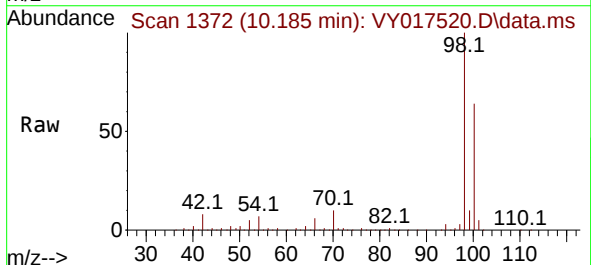
Instrument :
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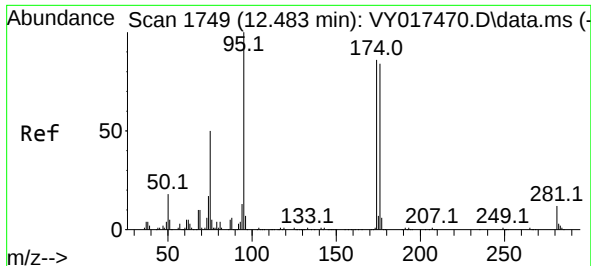
Tgt Ion:113 Resp: 65965
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 46.918 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

Tgt Ion: 98 Resp: 227456
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

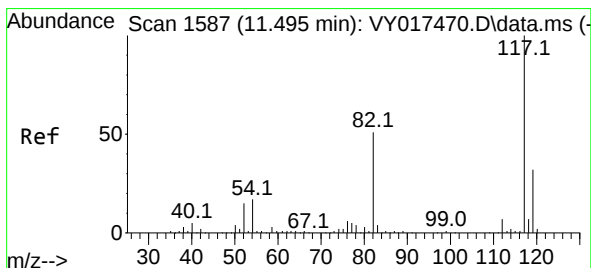
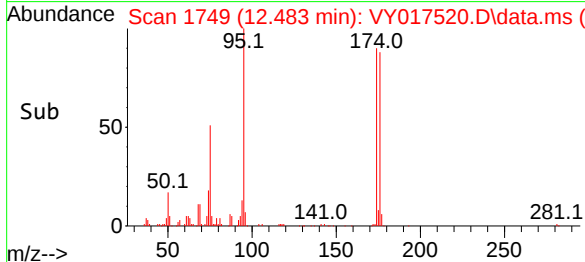
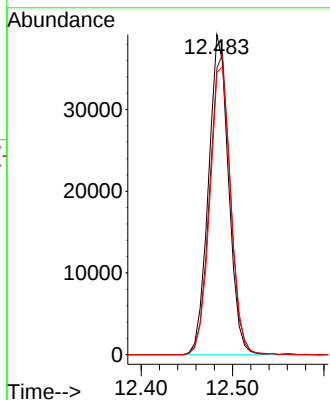
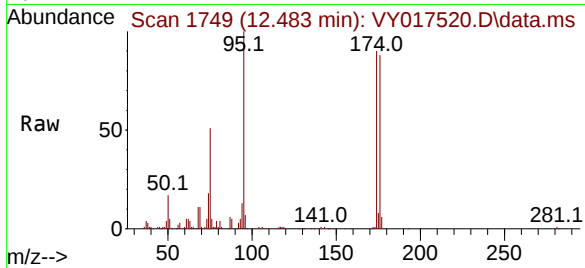




#62
4-Bromofluorobenzene
Concen: 39.184 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

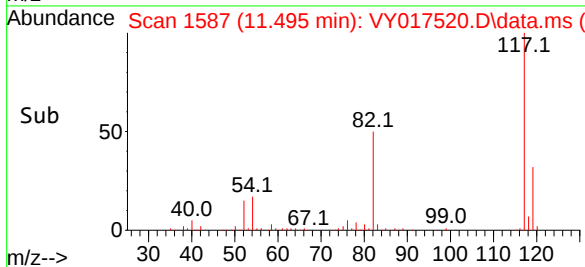
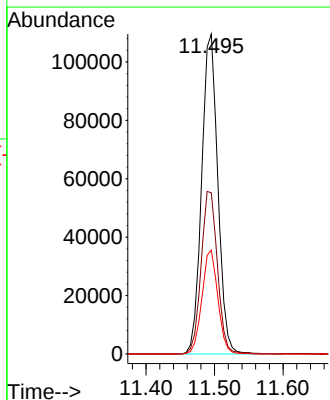
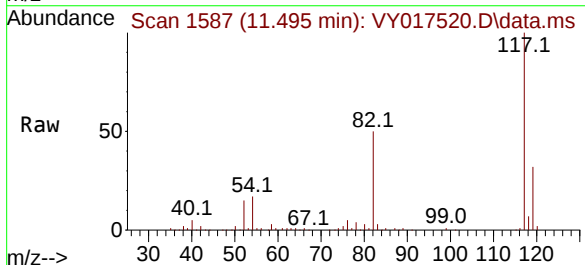
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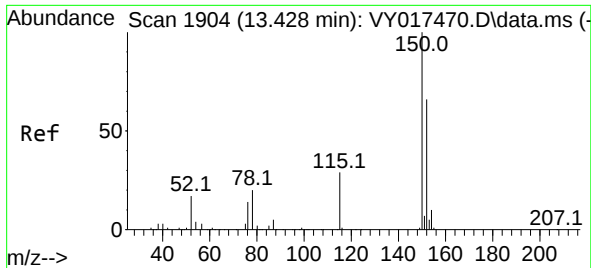
Tgt Ion: 95 Resp: 59700
Ion Ratio Lower Upper
95 100
174 97.0 0.0 175.6
176 94.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017520.D
Acq: 28 Feb 2024 14:49

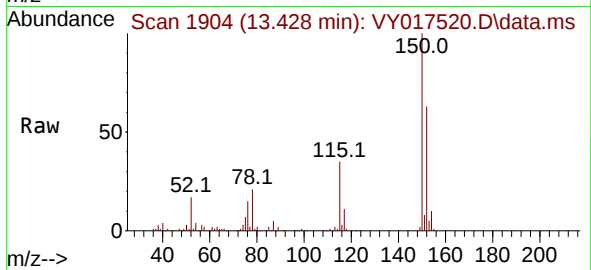
Tgt Ion: 117 Resp: 180137
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY017520.D
 Acq: 28 Feb 2024 14:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 196-BAY-AVENUE



Tgt Ion:	152	Resp:	67648
Ion Ratio	Lower	Upper	
152	100		
115	55.5	28.2	84.7
150	156.5	0.0	345.6

