

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017480.D
 Acq On : 26 Feb 2024 14:26
 Operator : SY/MD
 Sample : P1564-07
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-12

Quant Time: Feb 27 01:52:50 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)

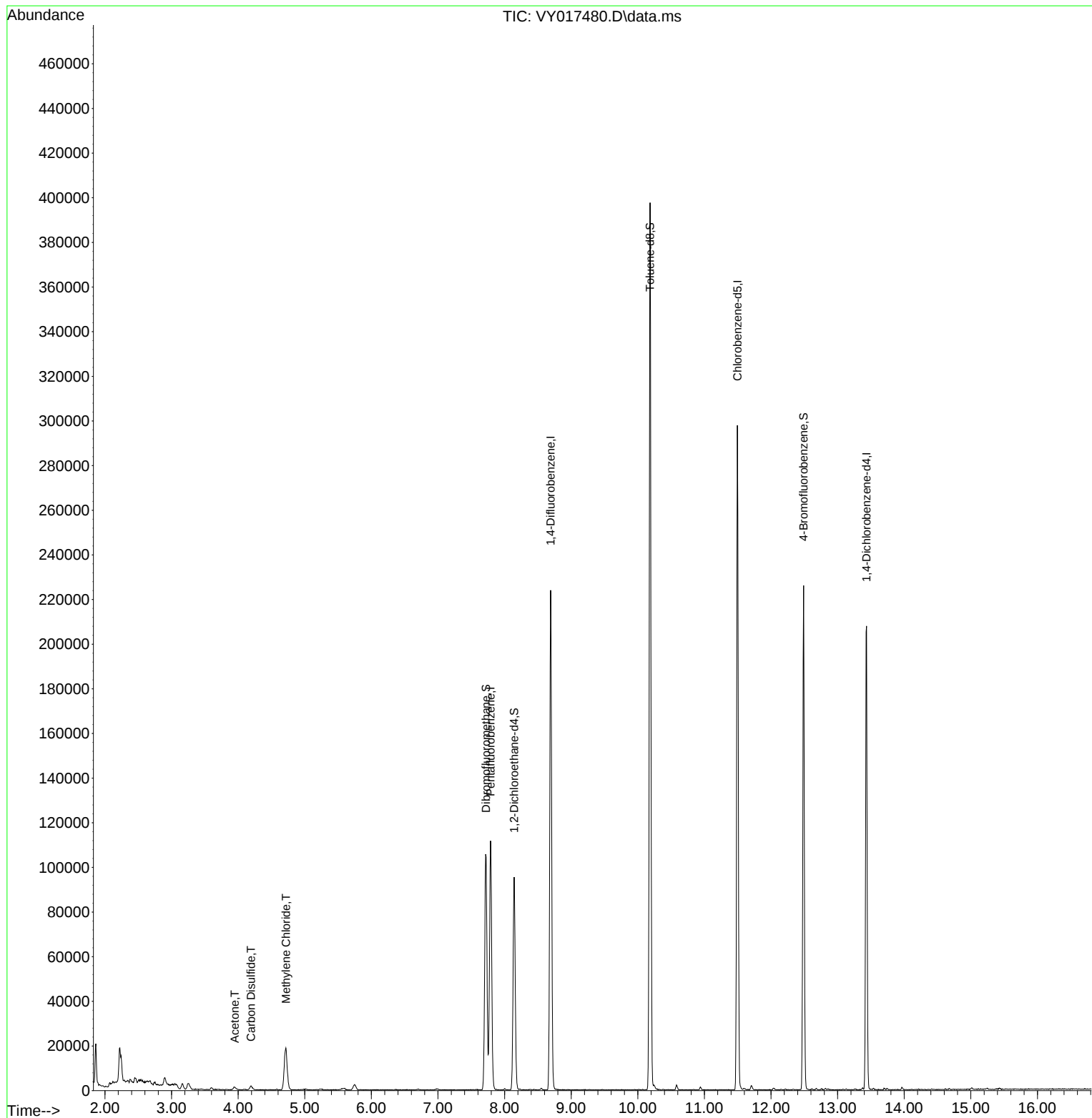
Internal Standards						
1) Pentafluorobenzene	7.789	168	92601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	57347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71081	80.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.980%
35) Dibromofluoromethane	7.722	113	77738	54.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.880%
50) Toluene-d8	10.185	98	265761	53.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.489	95	65212	41.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.880%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2149	12.625	ug/l	96
17) Carbon Disulfide	4.192	76	3108	1.184	ug/l	97
20) Methylene Chloride	4.716	84	15685	11.461	ug/l	95

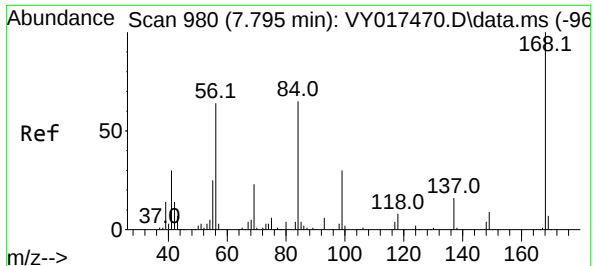
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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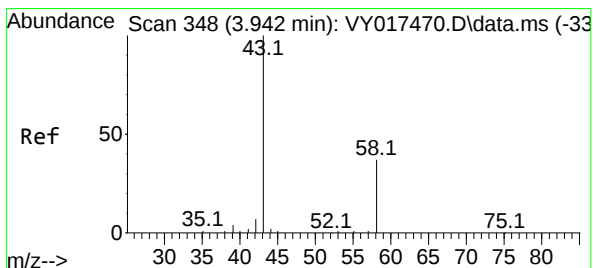
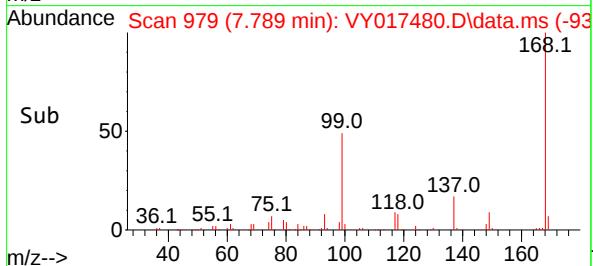
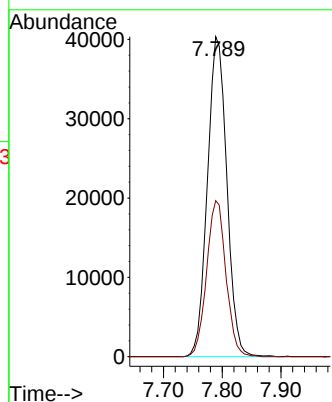
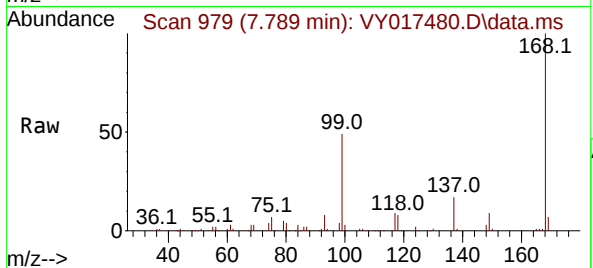




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017480.D
Acq: 26 Feb 2024 14:26

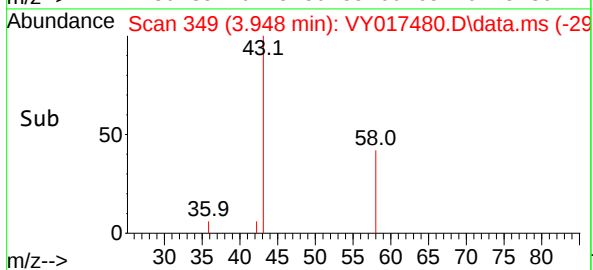
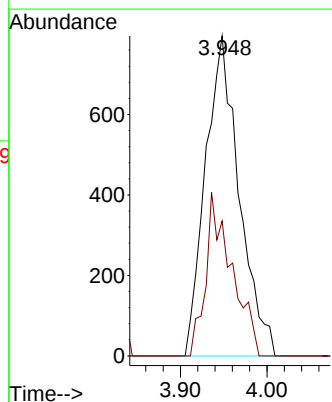
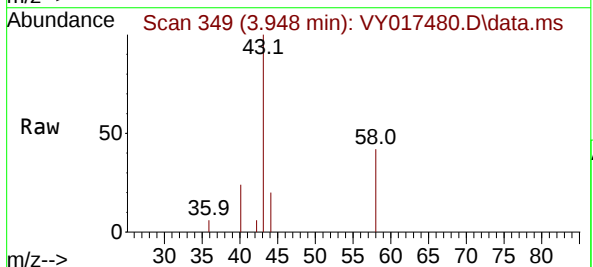
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-12

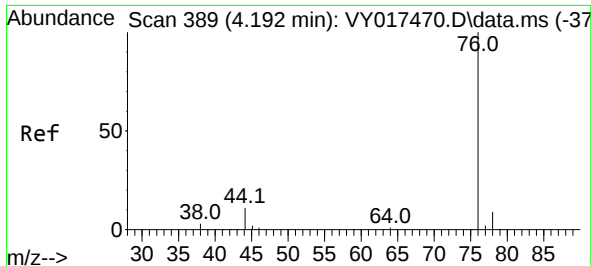
Tgt Ion:168 Resp: 92601
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#16
Acetone
Concen: 12.625 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017480.D
Acq: 26 Feb 2024 14:26

Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
58 42.1 31.7 47.5





#17

Carbon Disulfide

Concen: 1.184 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017480.D

Acq: 26 Feb 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

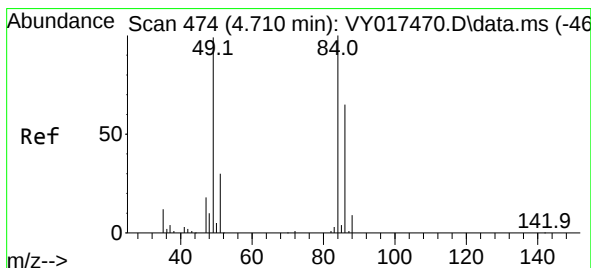
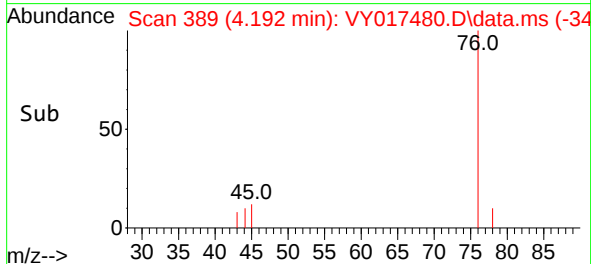
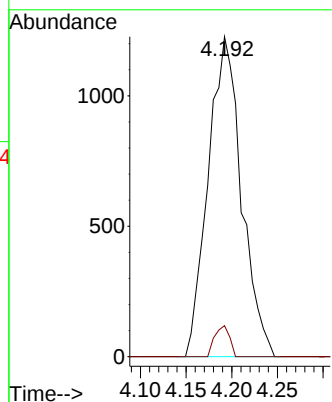
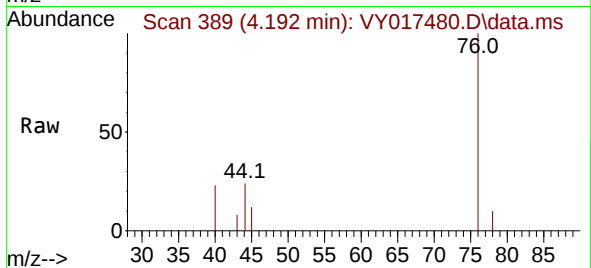
LKWD-BACKFILL-12

Tgt Ion: 76 Resp: 3108

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#20

Methylene Chloride

Concen: 11.461 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017480.D

Acq: 26 Feb 2024 14:26

Tgt Ion: 84 Resp: 15685

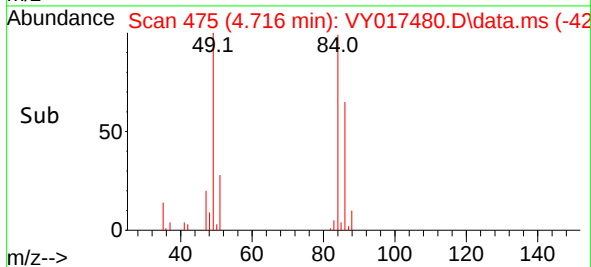
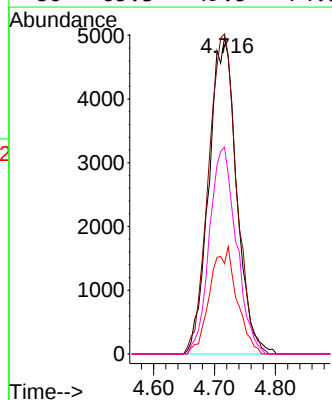
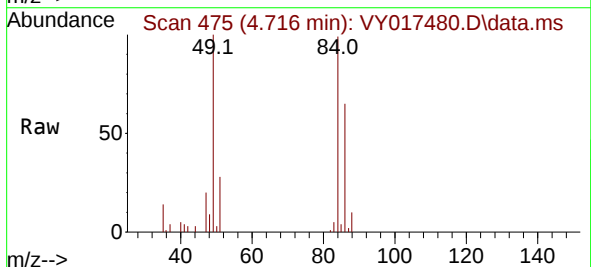
Ion Ratio Lower Upper

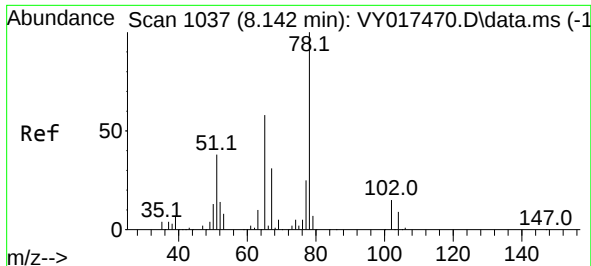
84 100

49 101.1 84.4 126.6

51 28.5 26.0 39.0

86 65.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 80.994 ug/l

RT: 8.142 min Scan# 11081

Delta R.T. 0.000 min

Lab File: VY017480.D

Acq: 26 Feb 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

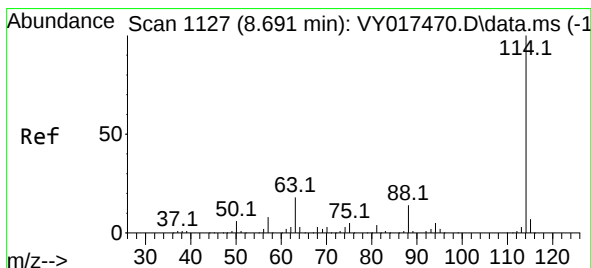
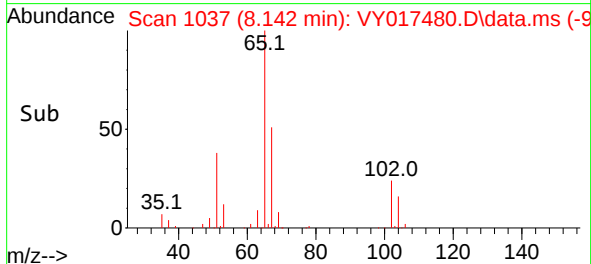
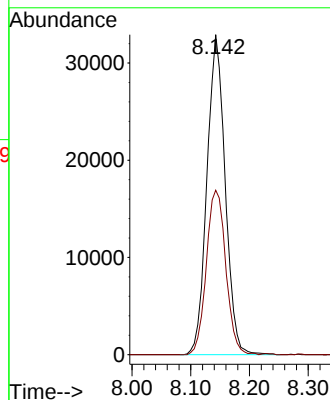
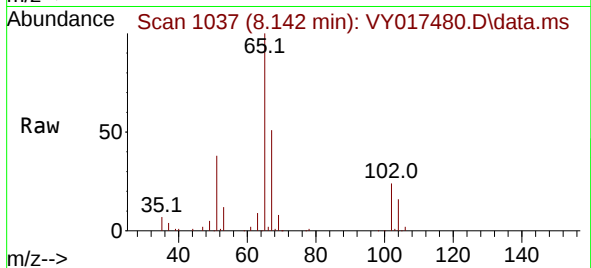
LKWD-BACKFILL-12

Tgt Ion: 65 Resp: 71081

Ion Ratio Lower Upper

65 100

67 54.7 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: VY017480.D

Acq: 26 Feb 2024 14:26

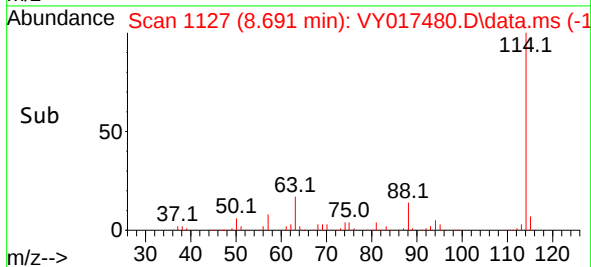
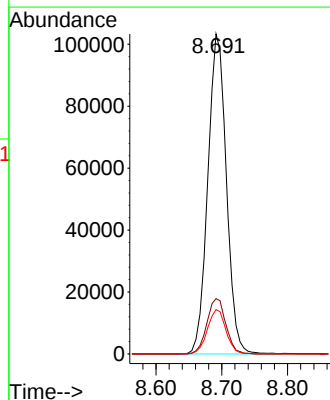
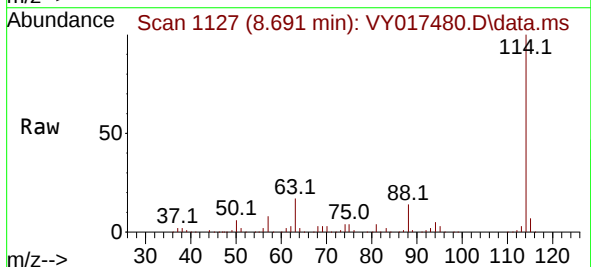
Tgt Ion:114 Resp: 203065

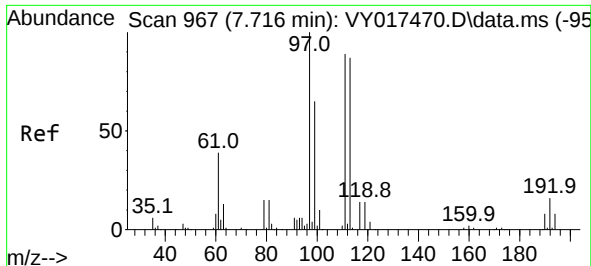
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.8 0.0 27.2

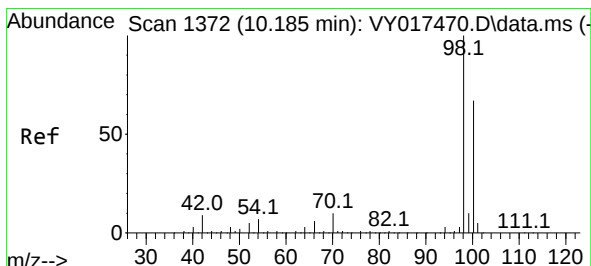
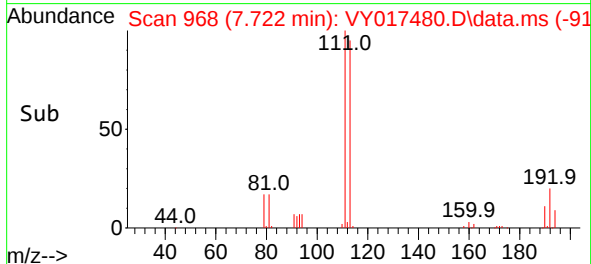
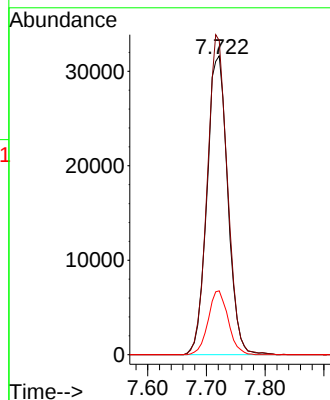
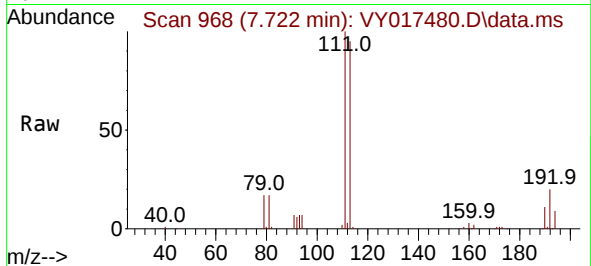




#35
Dibromofluoromethane
Concen: 54.938 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017480.D
Acq: 26 Feb 2024 14:26

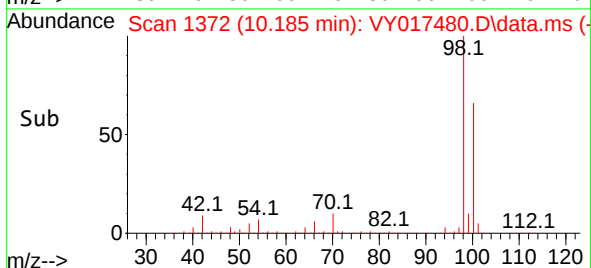
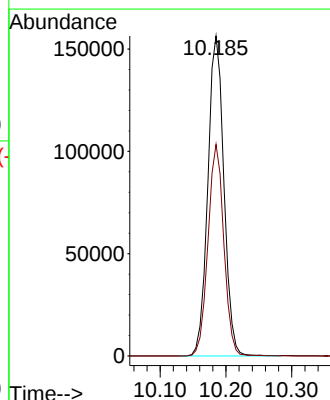
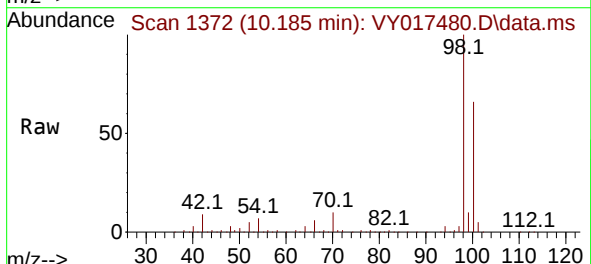
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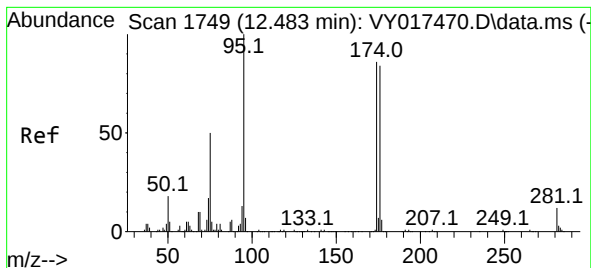
Tgt Ion:113 Resp: 77738
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.5 15.9 23.9



#50
Toluene-d8
Concen: 53.717 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017480.D
Acq: 26 Feb 2024 14:26

Tgt Ion: 98 Resp: 265761
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

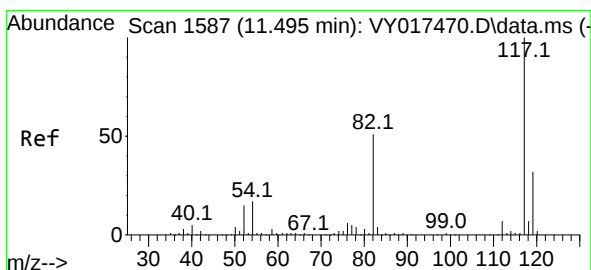
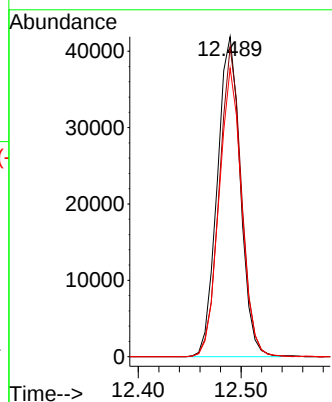
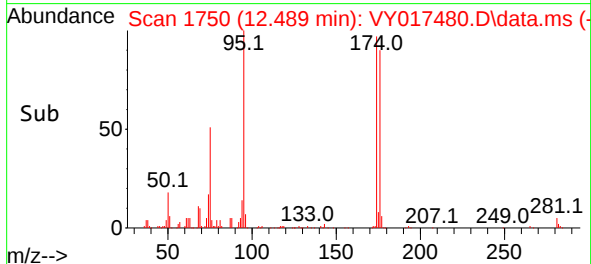
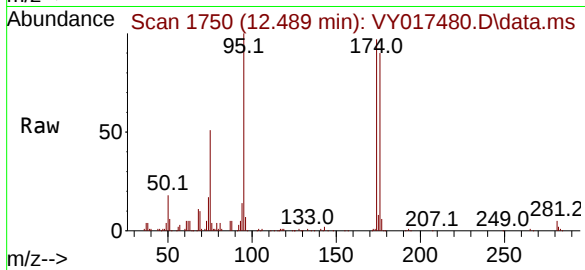




#62
4-Bromofluorobenzene
Concen: 41.941 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017480.D
Acq: 26 Feb 2024 14:26

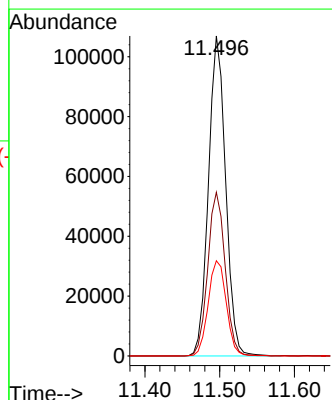
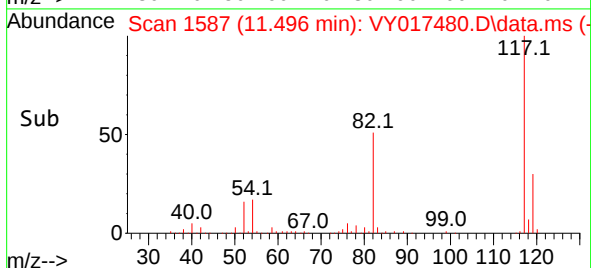
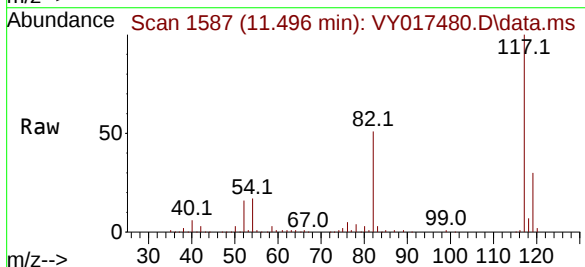
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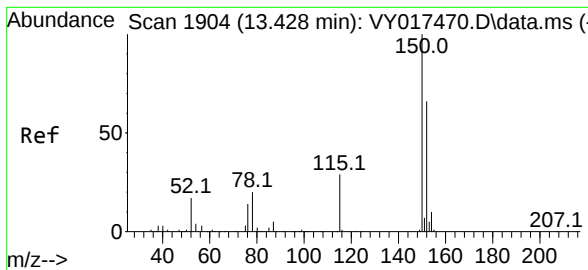
Tgt Ion: 95 Resp: 65212
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 88.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017480.D
Acq: 26 Feb 2024 14:26

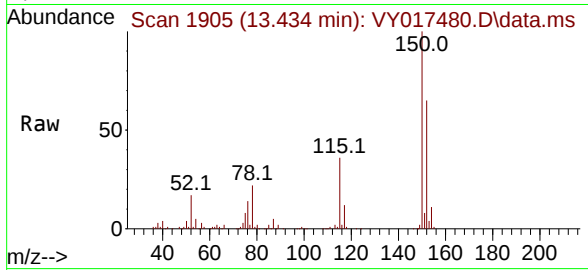
Tgt Ion: 117 Resp: 170548
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 29.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017480.D
 Acq: 26 Feb 2024 14:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-12



Tgt Ion:152 Resp: 57347
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 156.2 0.0 345.6

