

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017485.D
 Acq On : 26 Feb 2024 16:37
 Operator : SY/MD
 Sample : P1564-11
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-14

Quant Time: Feb 27 01:54:36 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)

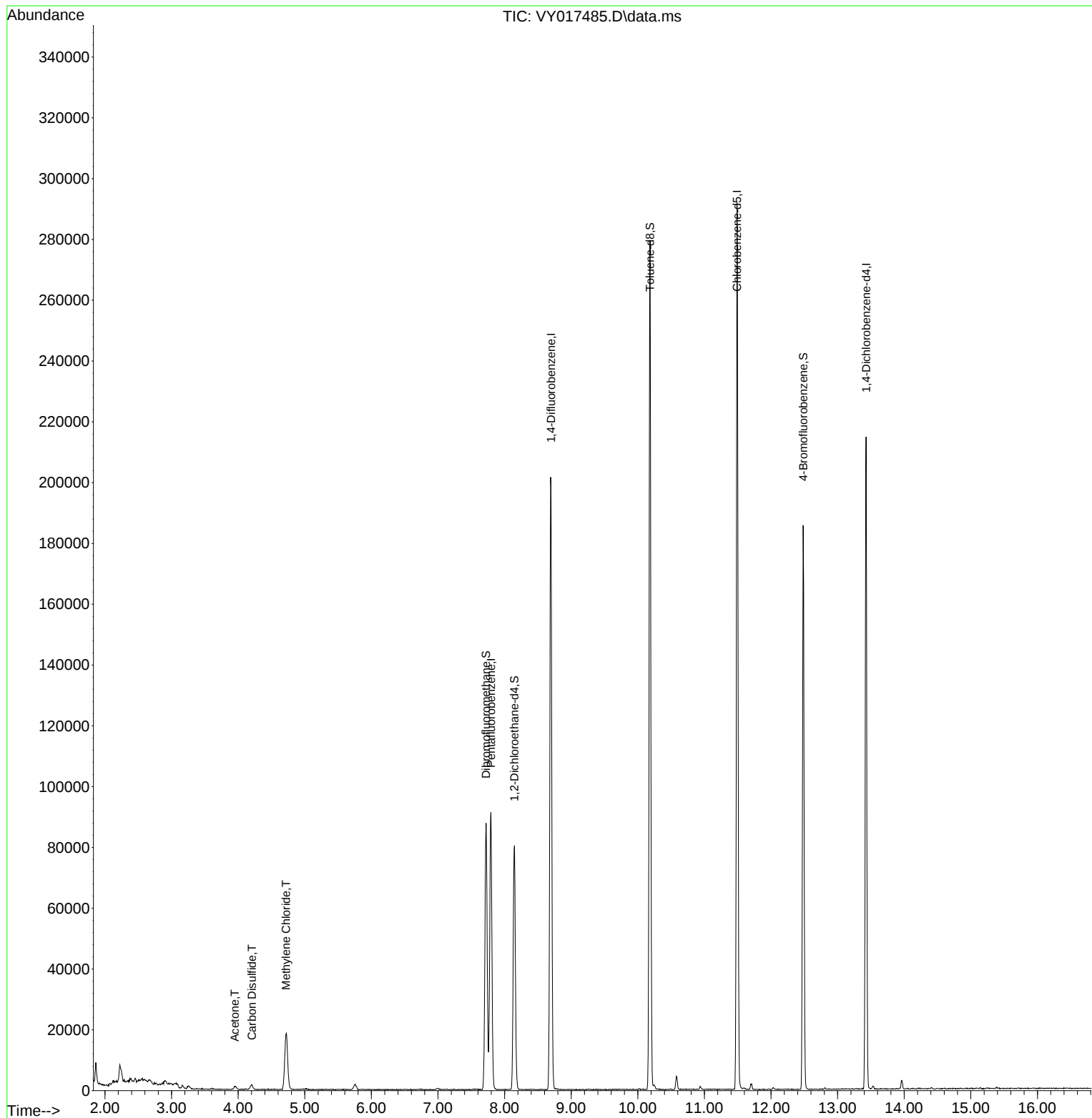
Internal Standards						
1) Pentafluorobenzene	7.795	168	76687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61333	84.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.780%#
35) Dibromofluoromethane	7.722	113	63587	49.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.185	98	193205	42.661	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.320%
62) 4-Bromofluorobenzene	12.483	95	50464	35.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.920%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1963	13.925	ug/l	96
17) Carbon Disulfide	4.204	76	2567	1.181	ug/l #	92
20) Methylene Chloride	4.716	84	15084	14.302	ug/l	97

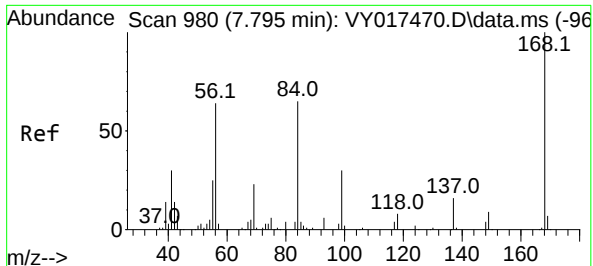
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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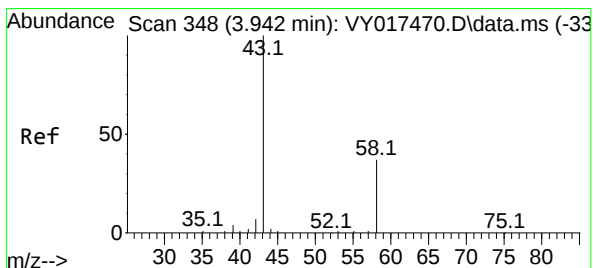
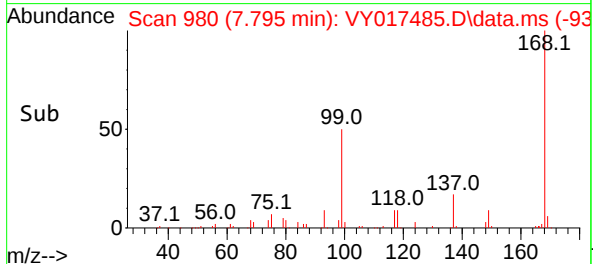
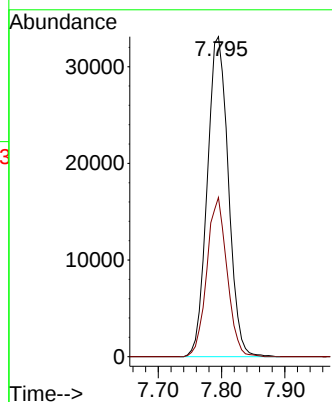
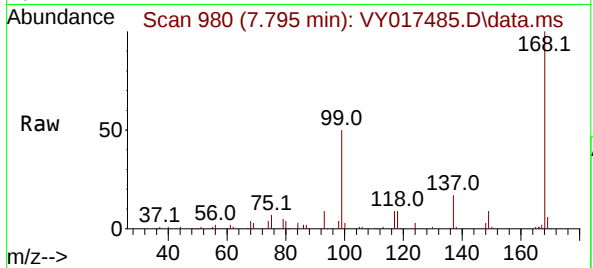




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

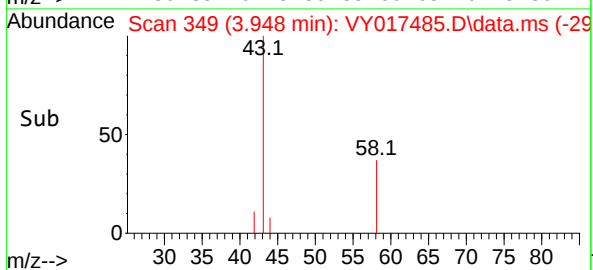
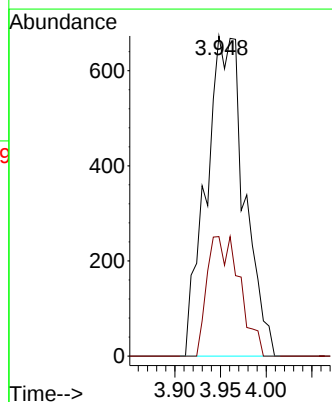
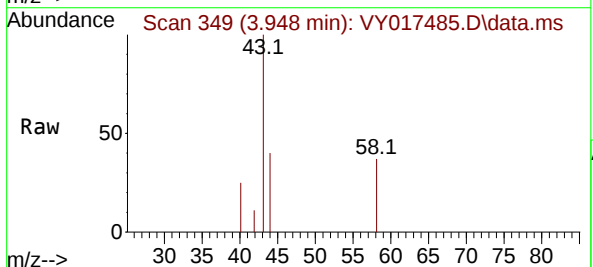
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

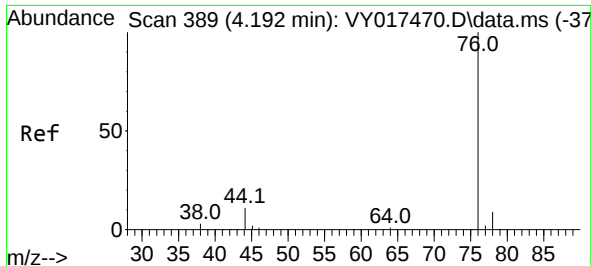
Tgt Ion:168 Resp: 76687
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#16
Acetone
Concen: 13.925 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 37.3 31.7 47.5

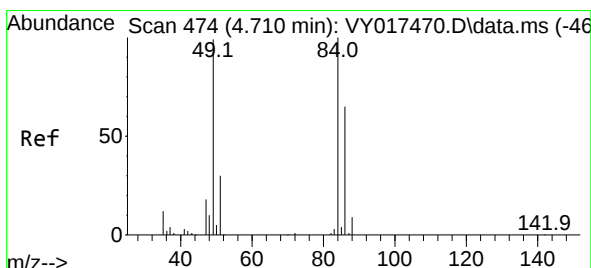
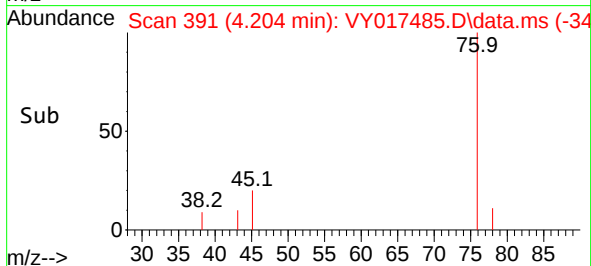
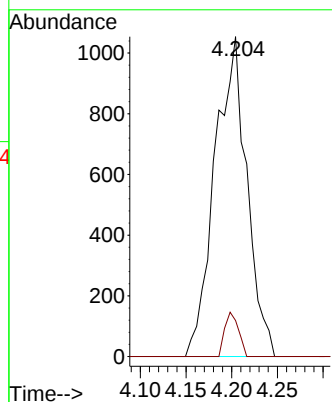
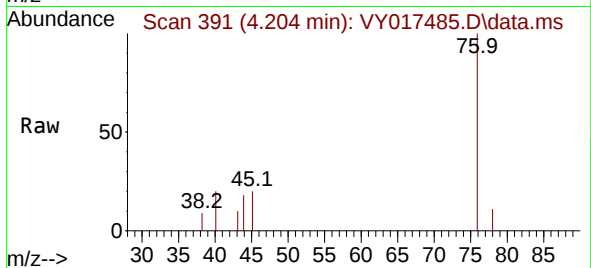




#17
Carbon Disulfide
Concen: 1.181 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

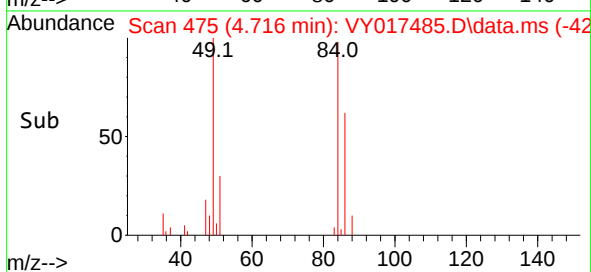
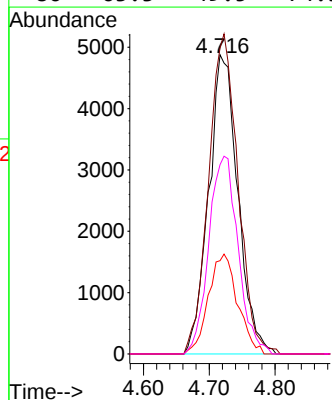
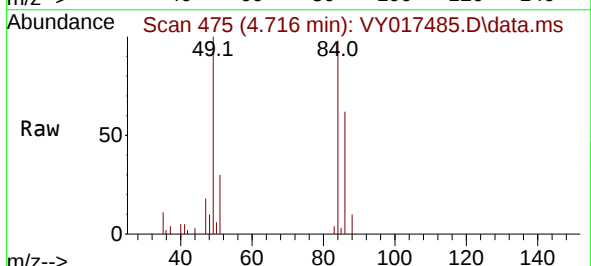
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-14

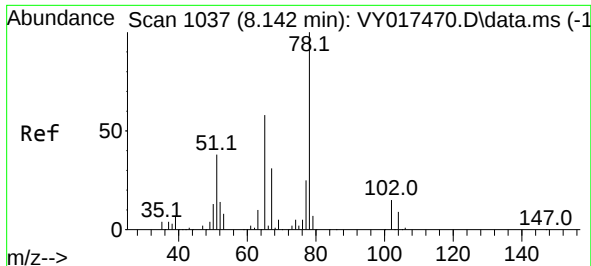
Tgt Ion: 76 Resp: 2567
Ion Ratio Lower Upper
76 100
78 11.3 6.8 10.2#



#20
Methylene Chloride
Concen: 14.302 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 84 Resp: 15084
Ion Ratio Lower Upper
84 100
49 102.3 84.4 126.6
51 31.2 26.0 39.0
86 63.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 84.389 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

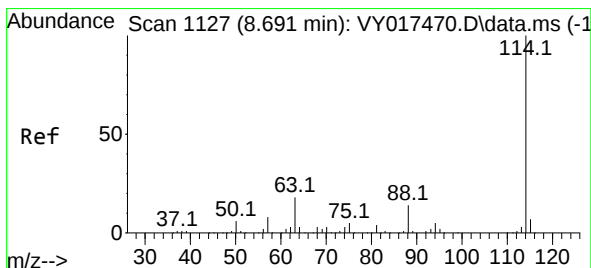
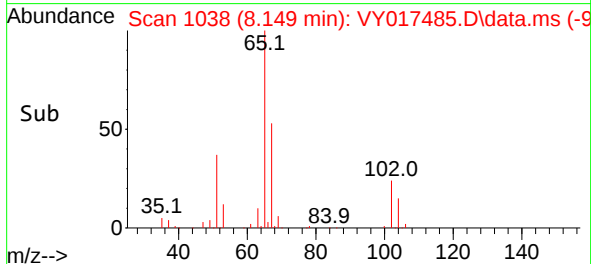
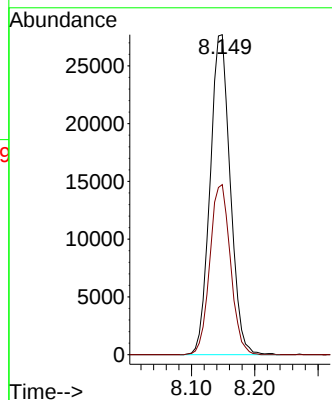
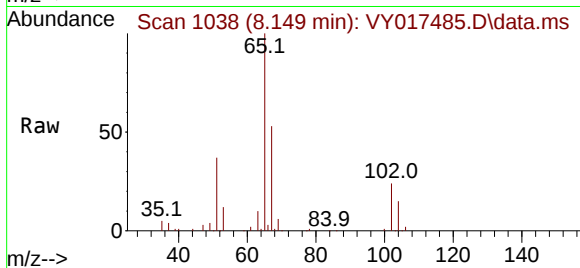
LKWD-BACKFILL-14

Tgt Ion: 65 Resp: 61333

Ion Ratio Lower Upper

65 100

67 54.2 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: VY017485.D

Acq: 26 Feb 2024 16:37

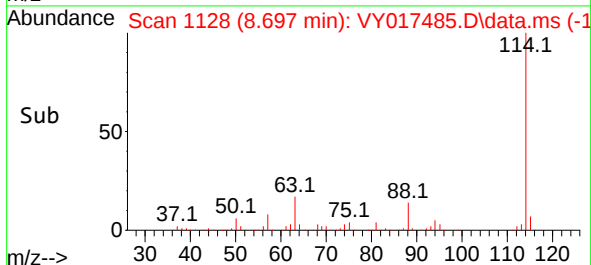
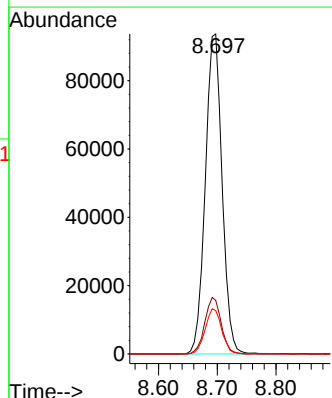
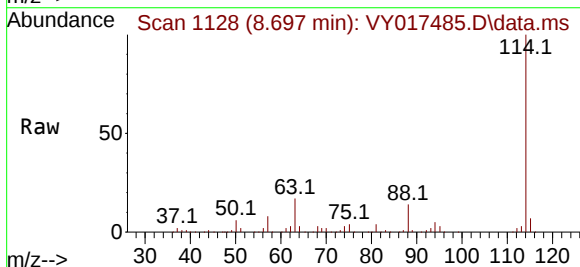
Tgt Ion: 114 Resp: 185885

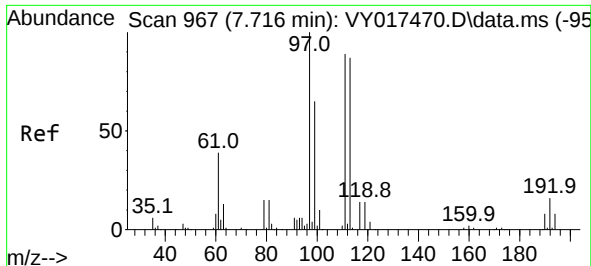
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.5 0.0 27.2

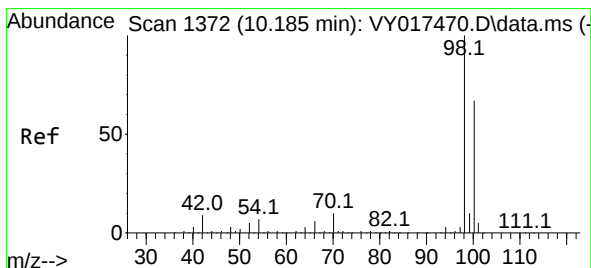
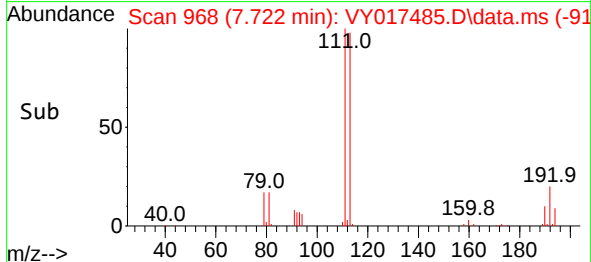
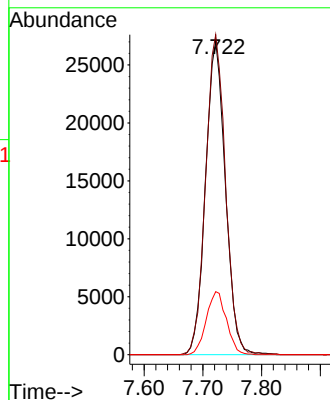
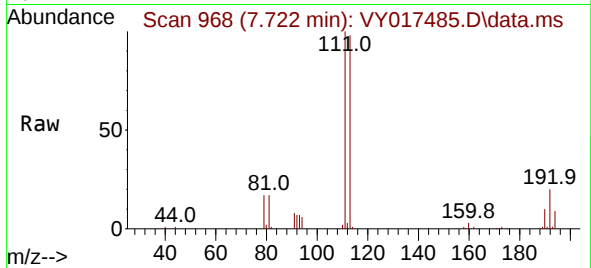




#35
Dibromofluoromethane
Concen: 49.090 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

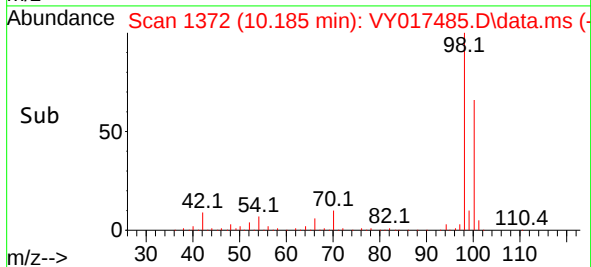
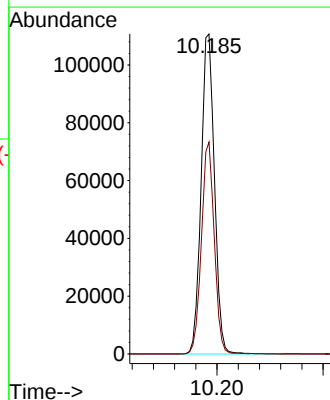
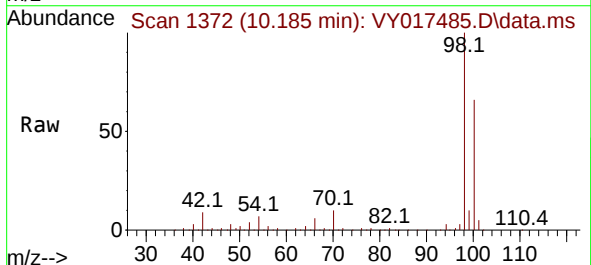
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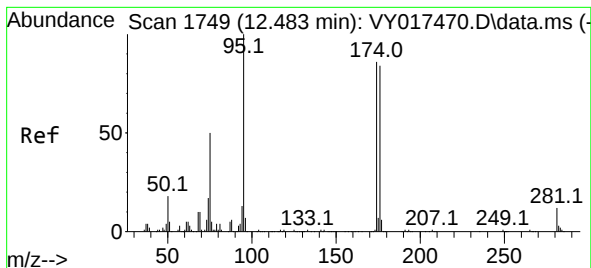
Tgt Ion:113 Resp: 63587
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 42.661 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017485.D
Acq: 26 Feb 2024 16:37

Tgt Ion: 98 Resp: 193205
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 35.456 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-14

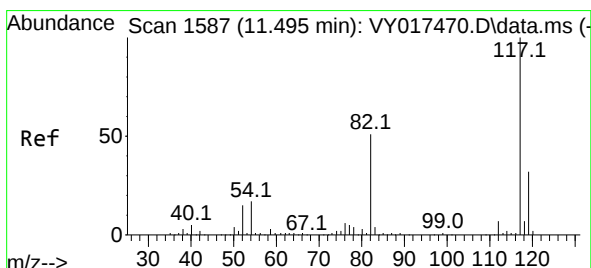
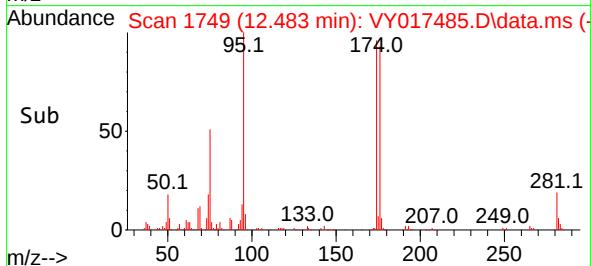
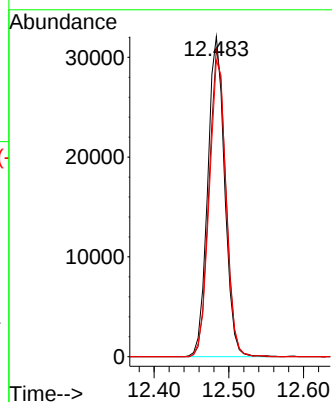
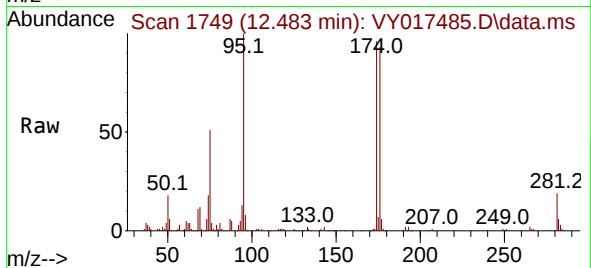
Tgt Ion: 95 Resp: 50464

Ion Ratio Lower Upper

95 100

174 95.2 0.0 175.6

176 92.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.006 min

Lab File: VY017485.D

Acq: 26 Feb 2024 16:37

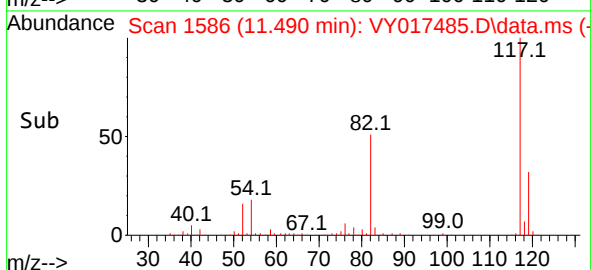
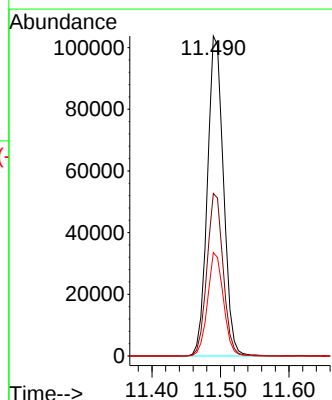
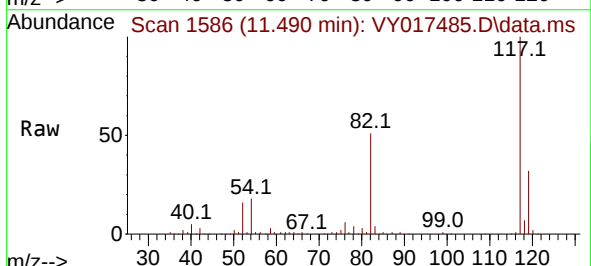
Tgt Ion: 117 Resp: 169541

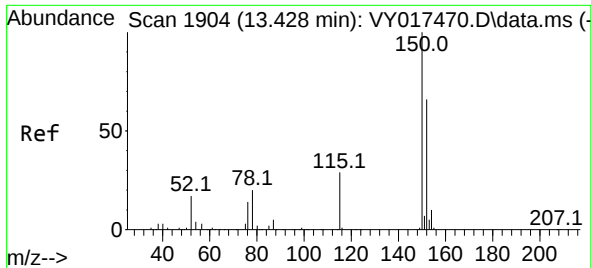
Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.3 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: VY017485.D

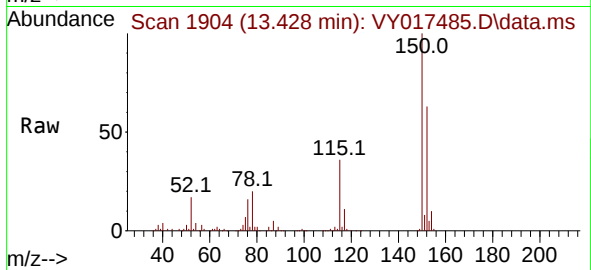
Acq: 26 Feb 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-14



Tgt Ion:152 Resp: 58755

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 158.3 0.0 345.6

