

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017483.D
 Acq On : 26 Feb 2024 15:51
 Operator : SY/MD
 Sample : P1564-13
 Misc : 3.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-15

Quant Time: Feb 27 01:53:55 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)

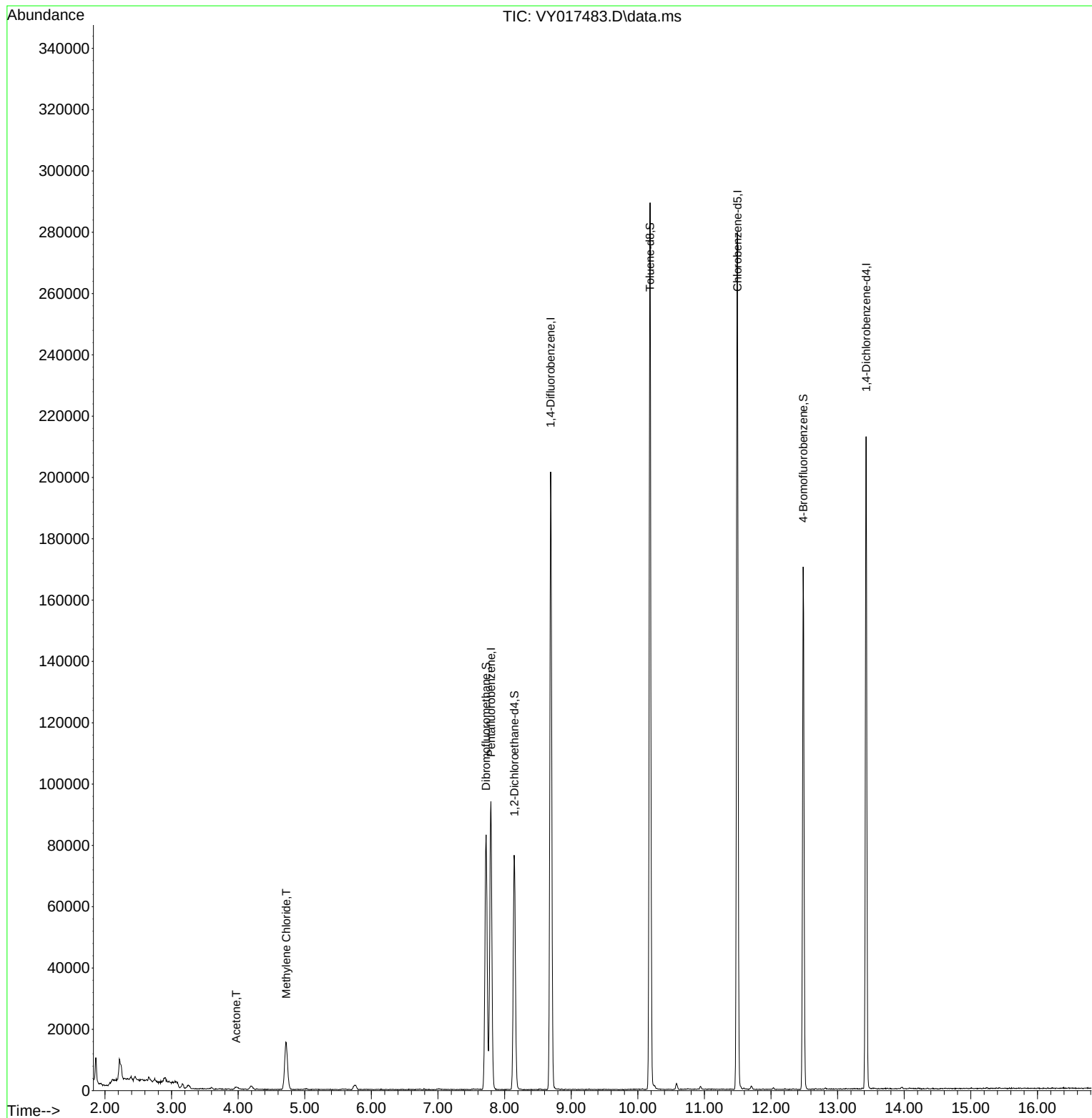
Internal Standards						
1) Pentafluorobenzene	7.795	168	76649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	165073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57219	78.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.540%
35) Dibromofluoromethane	7.722	113	60498	47.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.185	98	191850	42.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.480%
62) 4-Bromofluorobenzene	12.483	95	49494	35.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.180%
Target Compounds						
16) Acetone	3.972	43	1961	13.918	ug/l #	80
20) Methylene Chloride	4.722	84	12774	11.178	ug/l	92

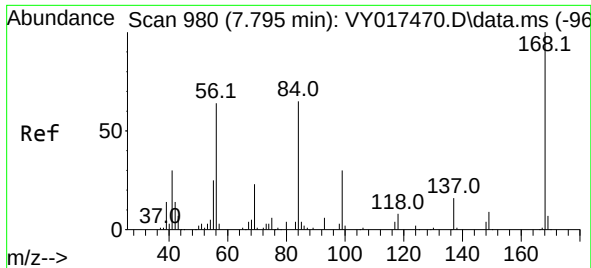
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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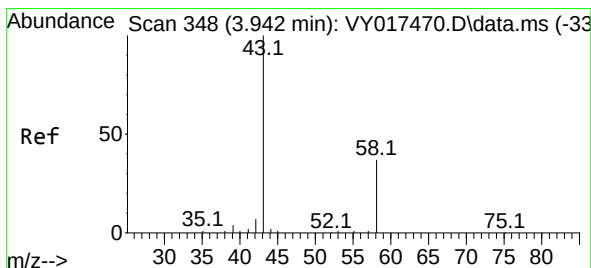
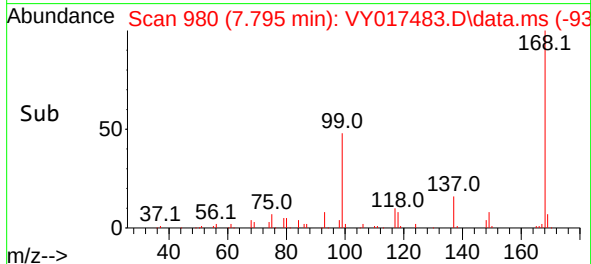
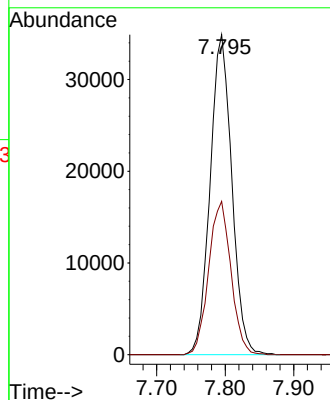
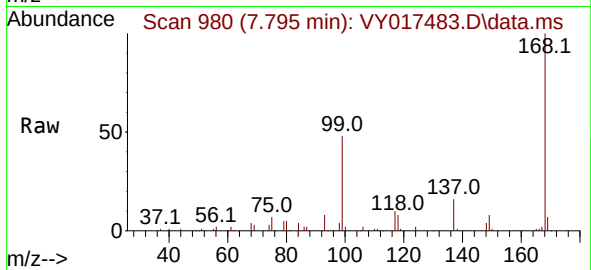




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

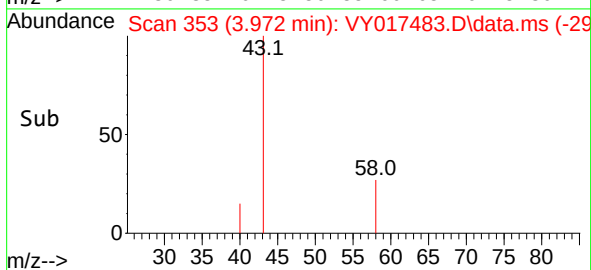
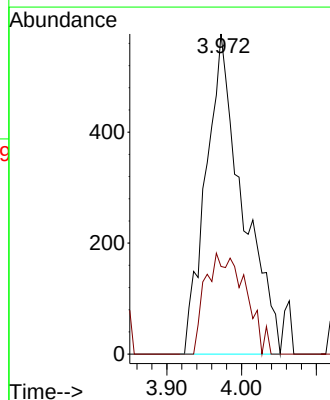
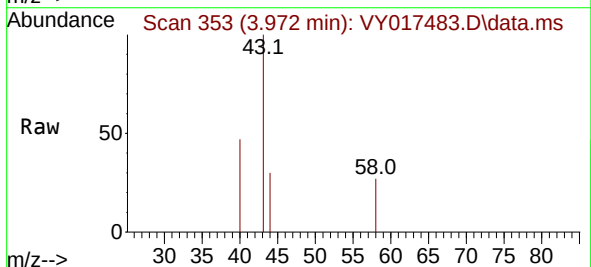
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

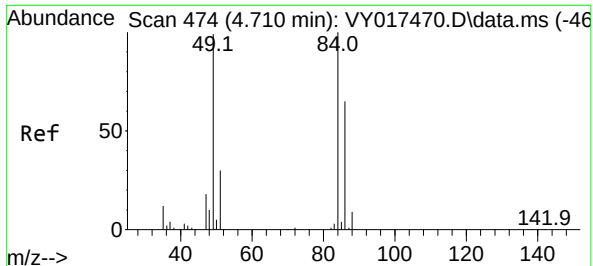
Tgt Ion:168 Resp: 76649
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 13.918 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#

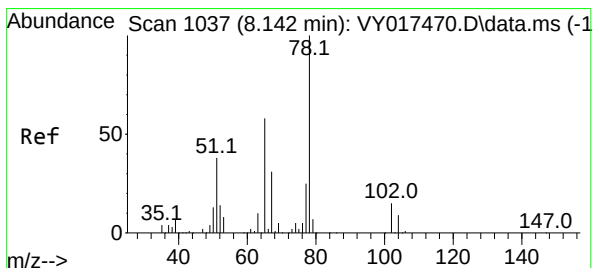
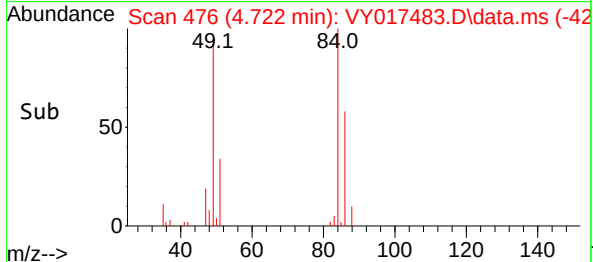
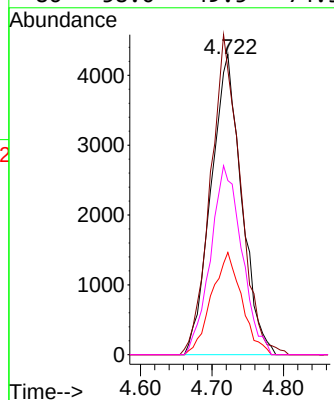
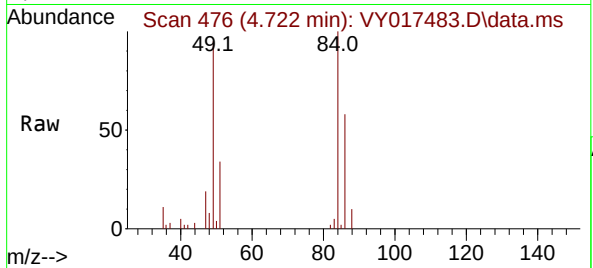




#20
Methylene Chloride
Concen: 11.178 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

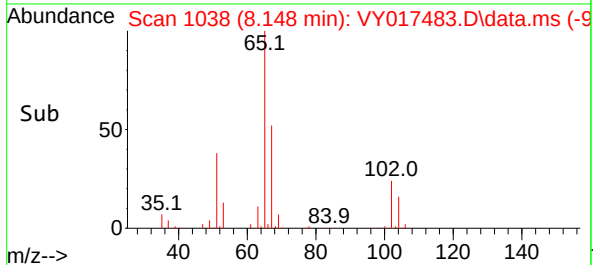
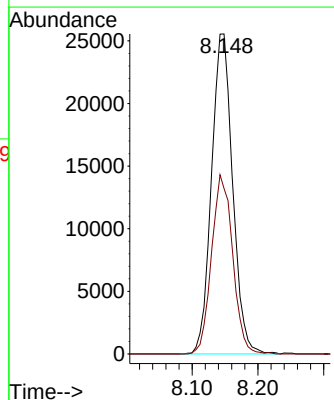
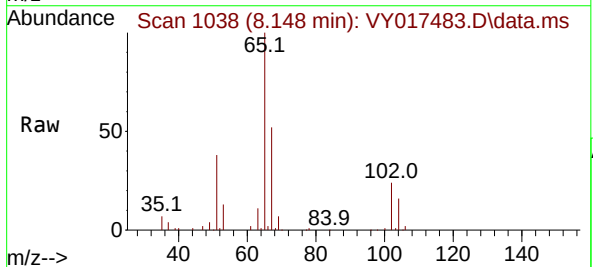
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

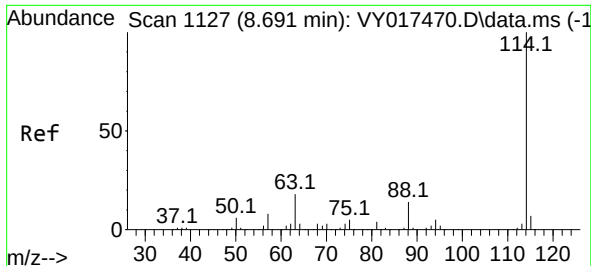
Tgt Ion: 84	Resp: 12774
Ion Ratio	Lower Upper
84 100	
49 94.7	84.4 126.6
51 34.0	26.0 39.0
86 58.0	49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 78.768 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion: 65	Resp: 57219
Ion Ratio	Lower Upper
65 100	
67 55.9	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: VY017483.D

Acq: 26 Feb 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-15

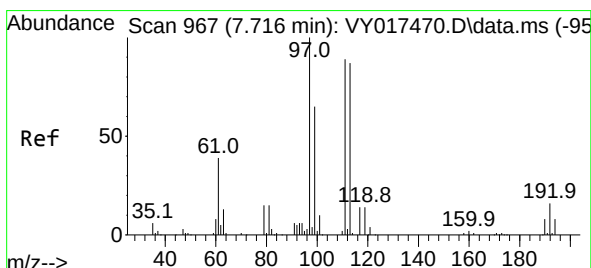
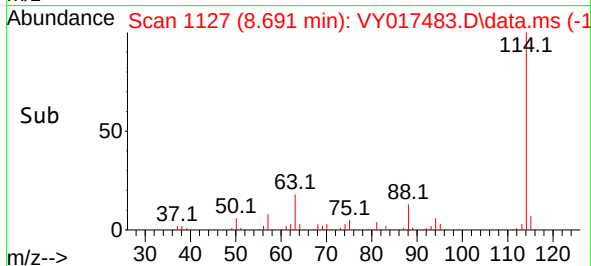
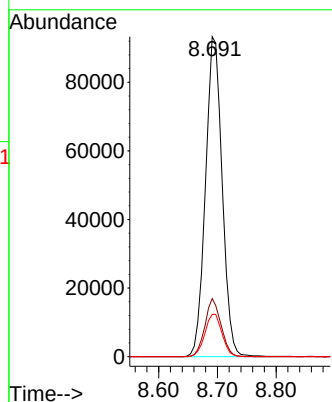
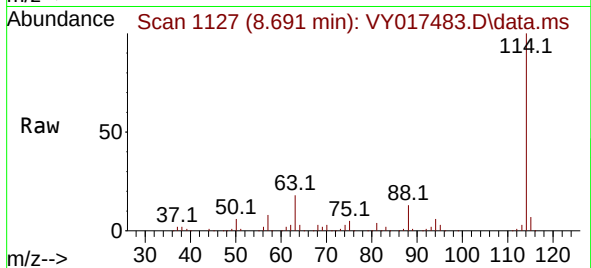
Tgt Ion:114 Resp: 184223

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.127 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017483.D

Acq: 26 Feb 2024 15:51

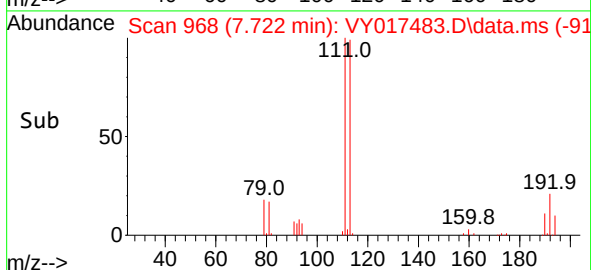
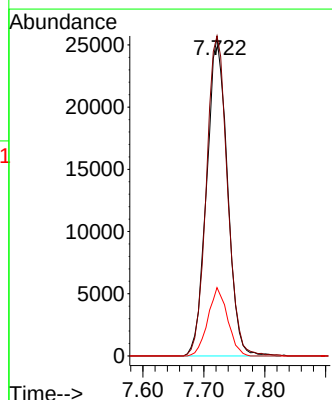
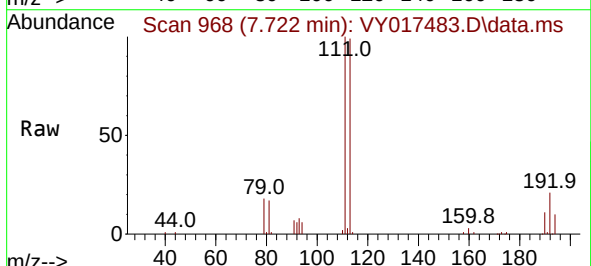
Tgt Ion:113 Resp: 60498

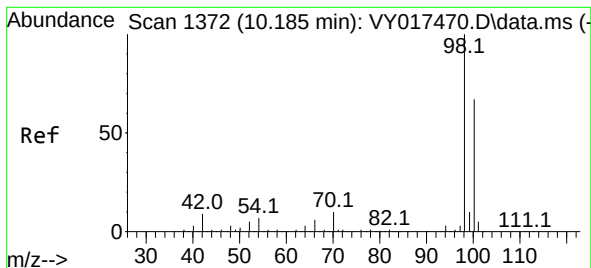
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 42.744 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017483.D

Acq: 26 Feb 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

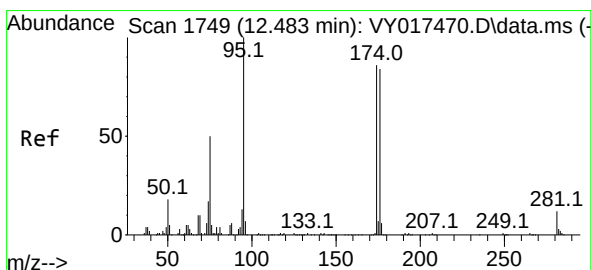
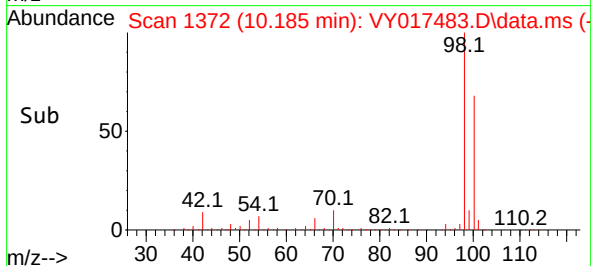
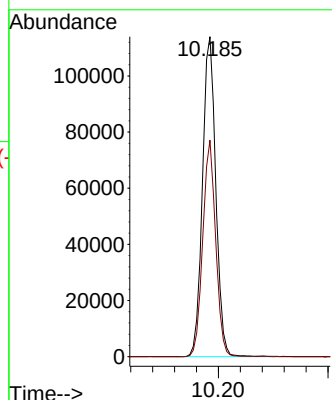
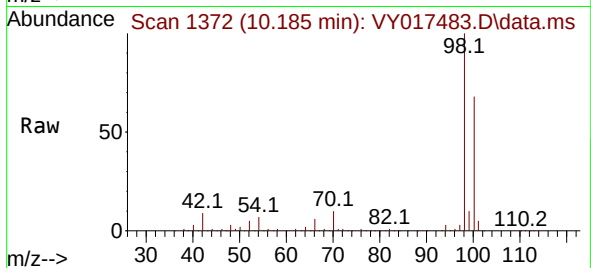
LKWD-BACKFILL-15

Tgt Ion: 98 Resp: 191850

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.088 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY017483.D

Acq: 26 Feb 2024 15:51

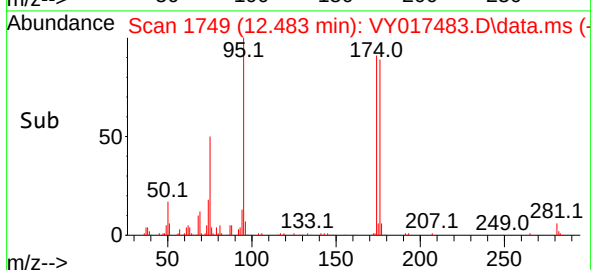
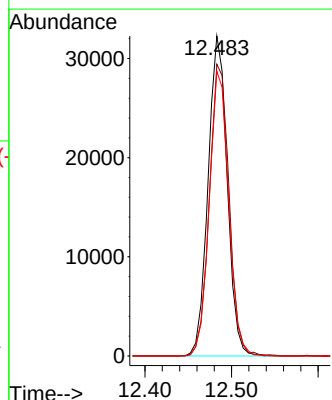
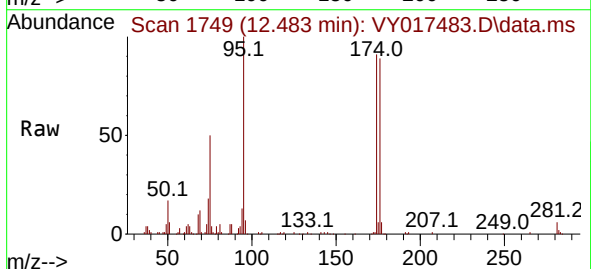
Tgt Ion: 95 Resp: 49494

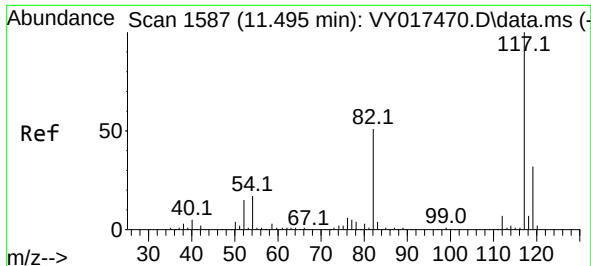
Ion Ratio Lower Upper

95 100

174 94.0 0.0 175.6

176 90.2 0.0 171.4

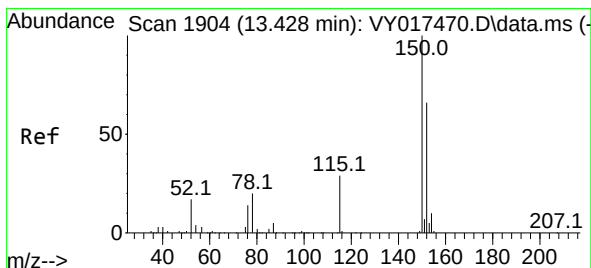
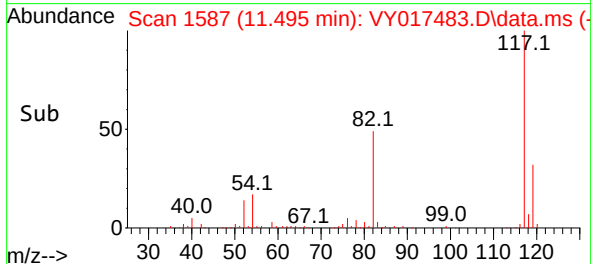
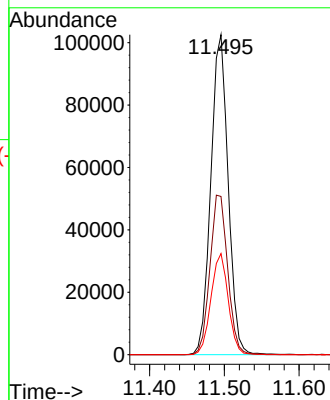
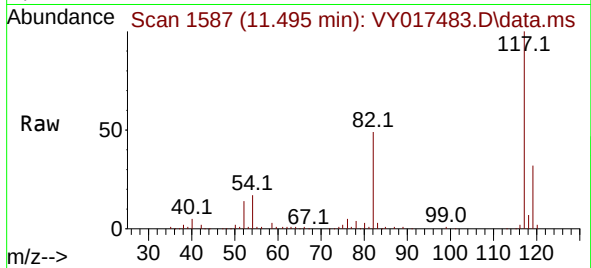




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017483.D
Acq: 26 Feb 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-15

Tgt Ion:117 Resp: 165073
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 31.6 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: VY017483.D
Acq: 26 Feb 2024 15:51

Tgt Ion:152 Resp: 57757
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.1 0.0 345.6

