

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017482.D
 Acq On : 26 Feb 2024 15:28
 Operator : SY/MD
 Sample : P1564-19
 Misc : 3.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-18

Quant Time: Feb 27 01:53:35 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)

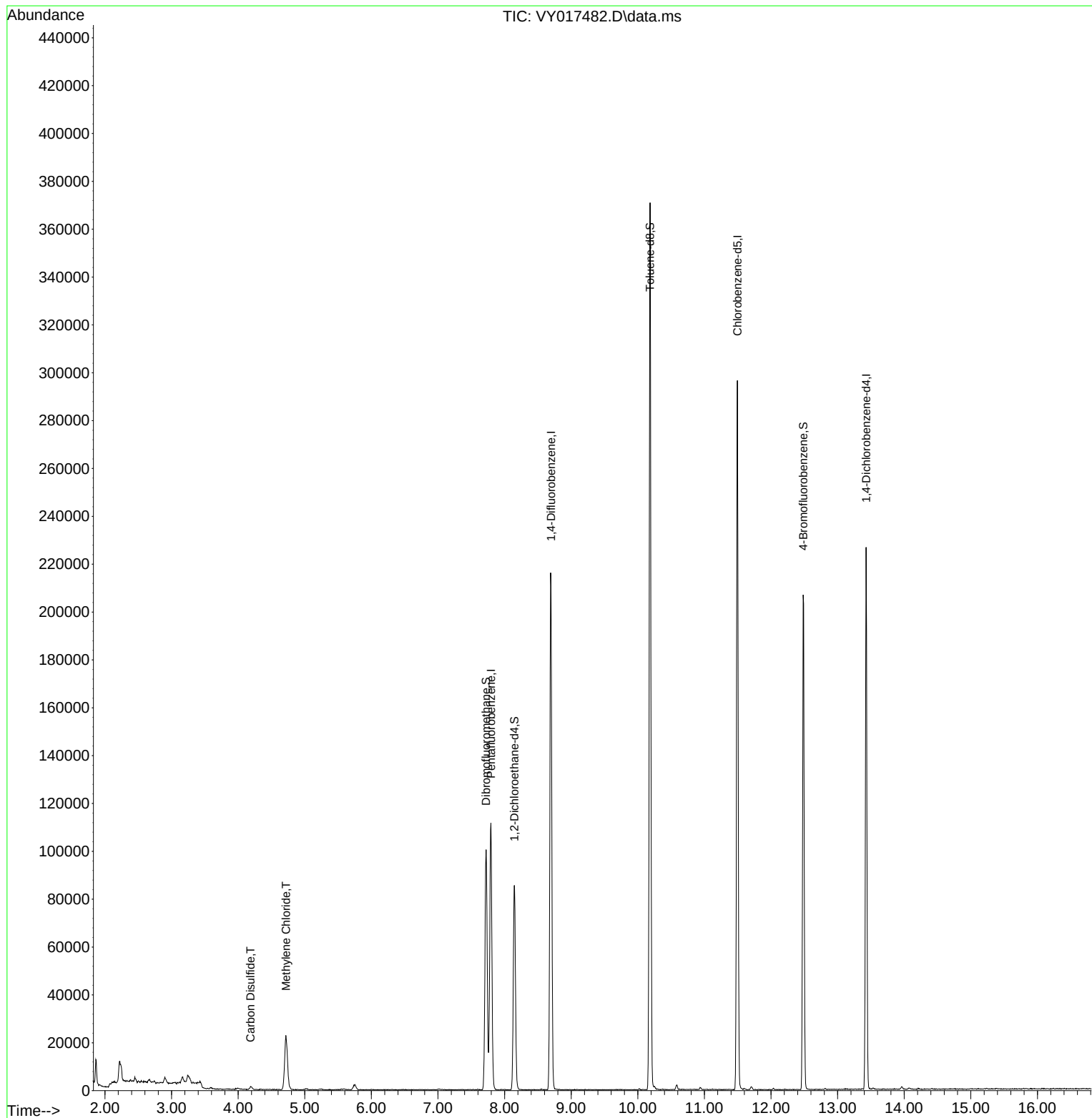
Internal Standards						
1) Pentafluorobenzene	7.795	168	90591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	169956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65518	76.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.620%
35) Dibromofluoromethane	7.722	113	73014	52.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.185	98	245638	50.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.483	95	62544	41.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.460%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.186	76	2628	1.023	ug/l #	87
20) Methylene Chloride	4.716	84	18031	14.545	ug/l	99

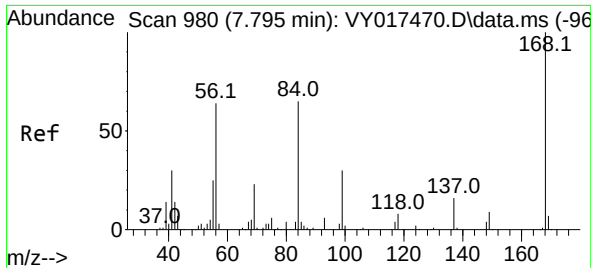
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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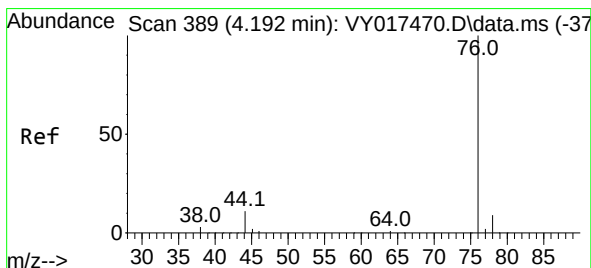
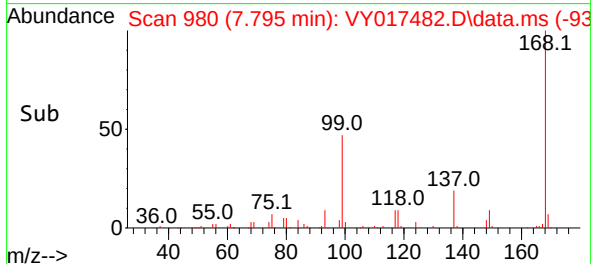
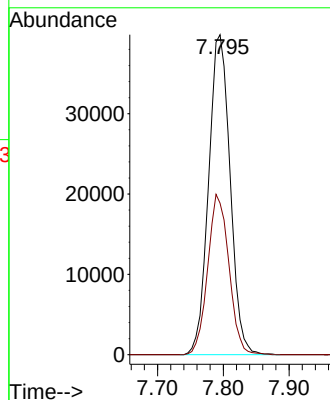
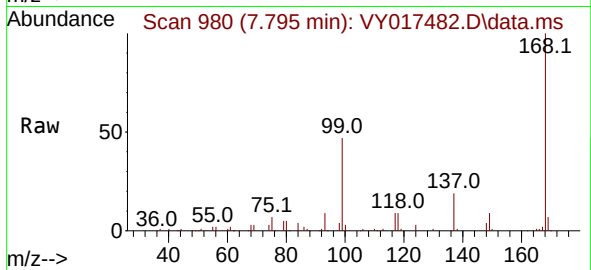




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

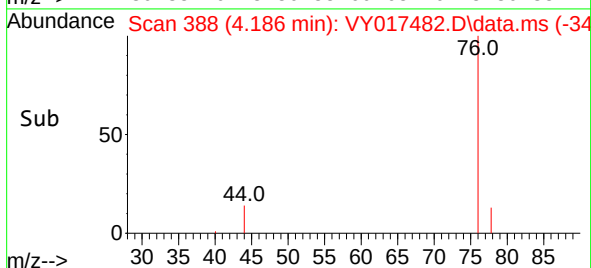
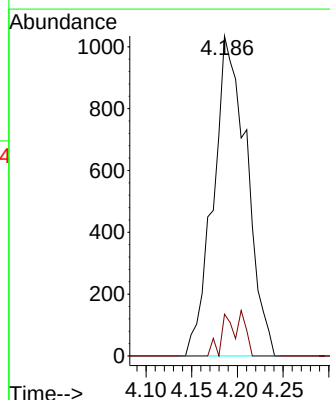
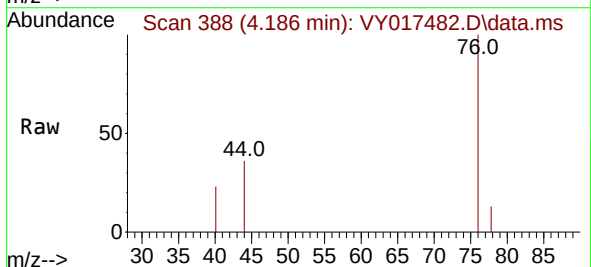
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18

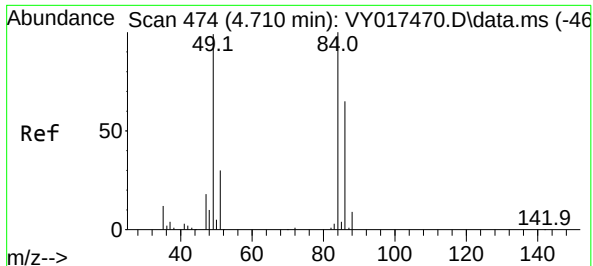
Tgt Ion:168 Resp: 90591
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#17
Carbon Disulfide
Concen: 1.023 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

Tgt Ion: 76 Resp: 2628
Ion Ratio Lower Upper
76 100
78 13.0 6.8 10.2#

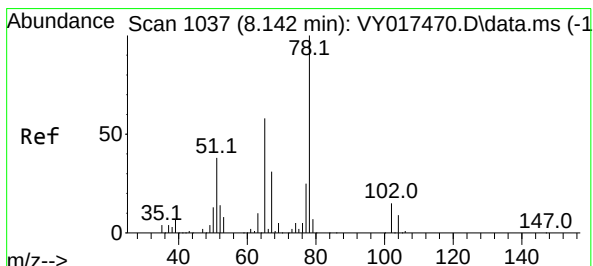
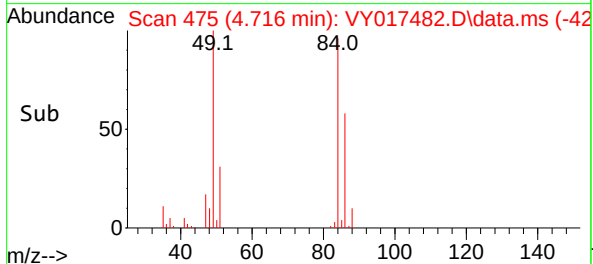
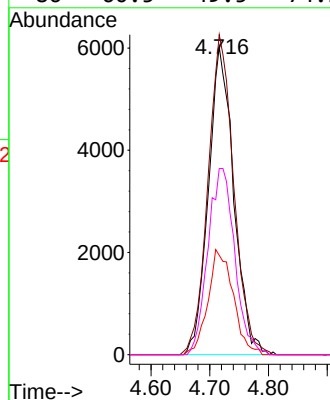
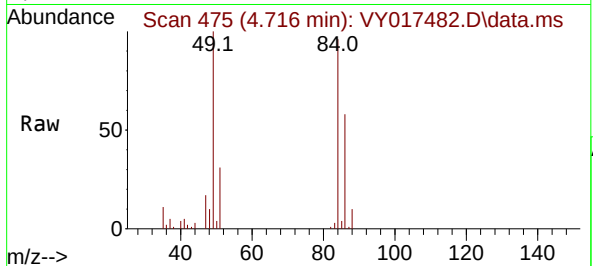




#20
Methylene Chloride
Concen: 14.545 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

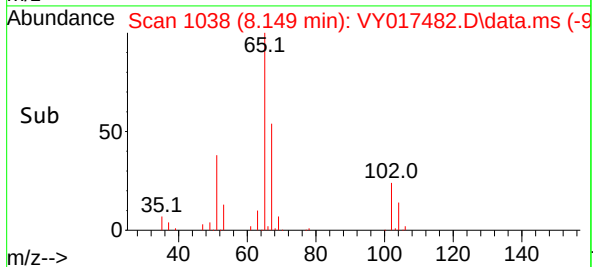
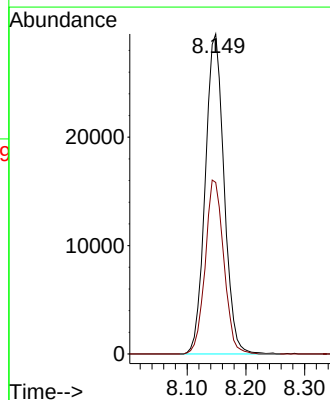
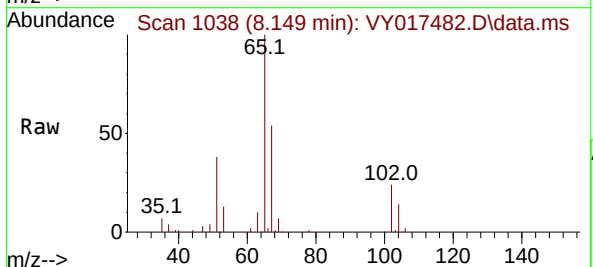
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18

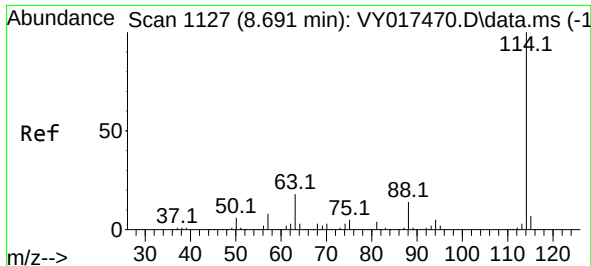
Tgt Ion:	84	Resp:	18031
Ion	Ratio	Lower	Upper
84	100		
49	104.0	84.4	126.6
51	32.3	26.0	39.0
86	60.5	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 76.312 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

Tgt Ion:	65	Resp:	65518
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017482.D

Acq: 26 Feb 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-18

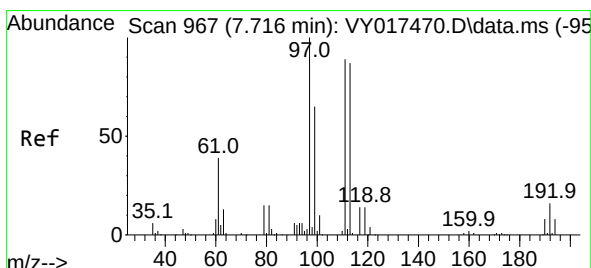
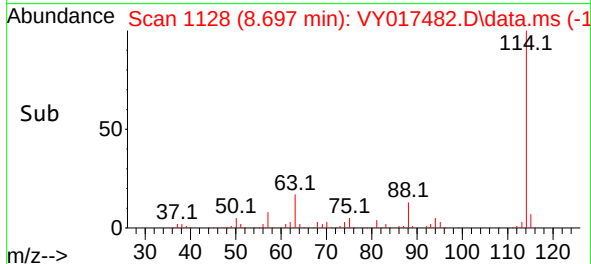
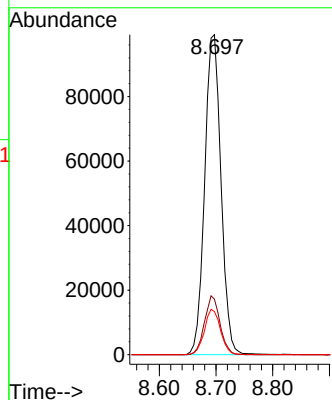
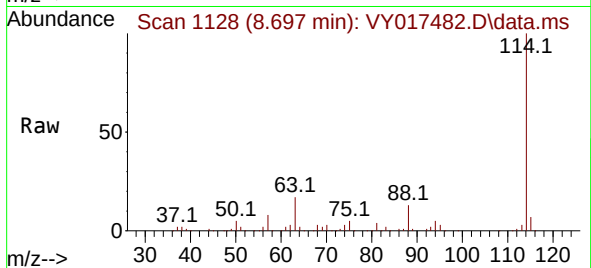
Tgt Ion:114 Resp: 198112

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.889 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017482.D

Acq: 26 Feb 2024 15:28

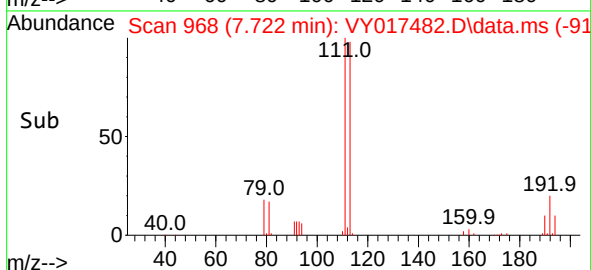
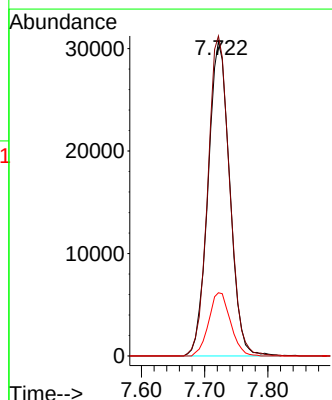
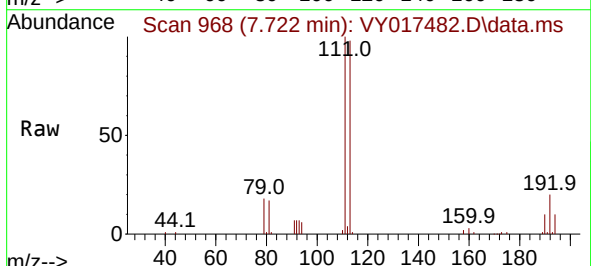
Tgt Ion:113 Resp: 73014

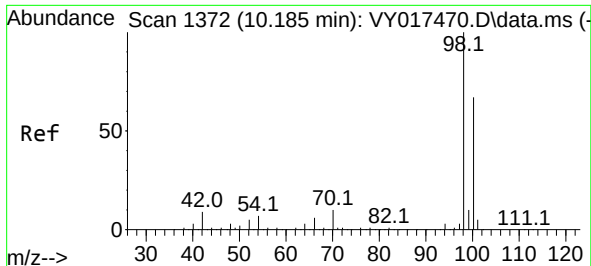
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 20.2 15.9 23.9

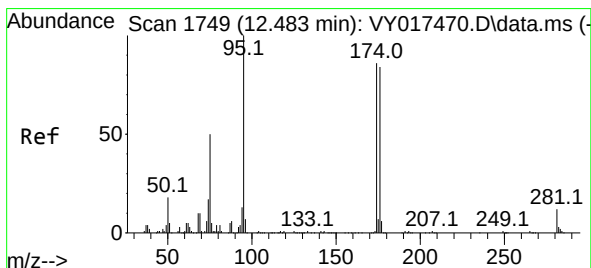
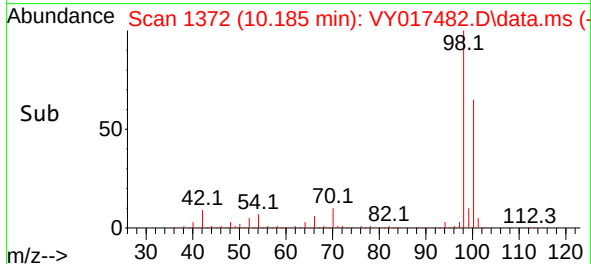
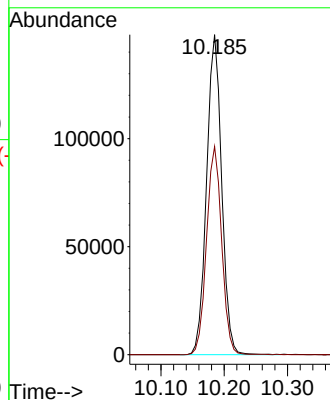
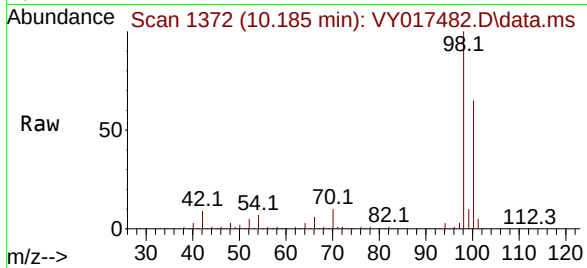




#50
Toluene-d8
Concen: 50.891 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

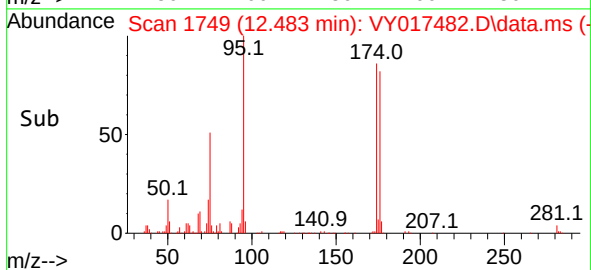
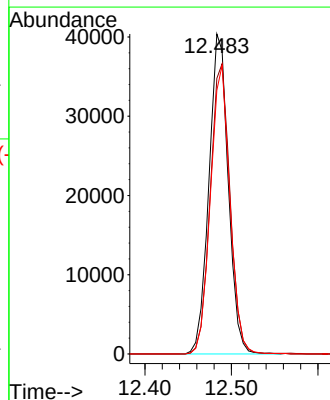
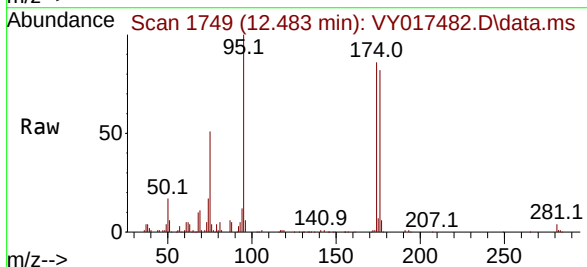
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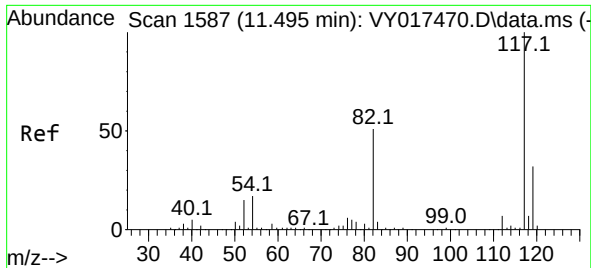
Tgt Ion: 98 Resp: 245638
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

Tgt Ion: 95 Resp: 62544
Ion Ratio Lower Upper
95 100
174 93.0 0.0 175.6
176 90.7 0.0 171.4

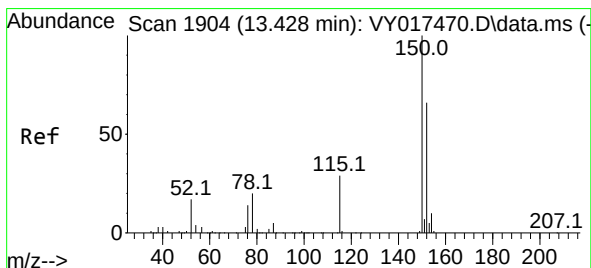
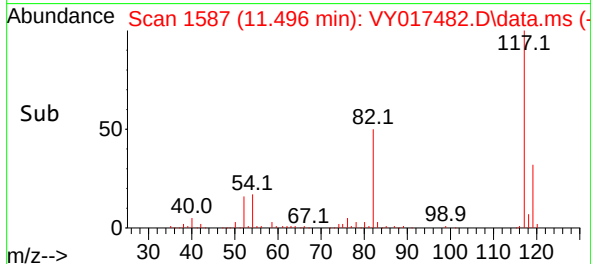
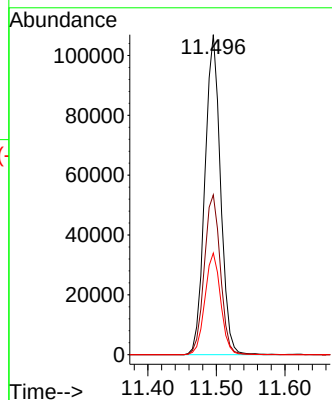
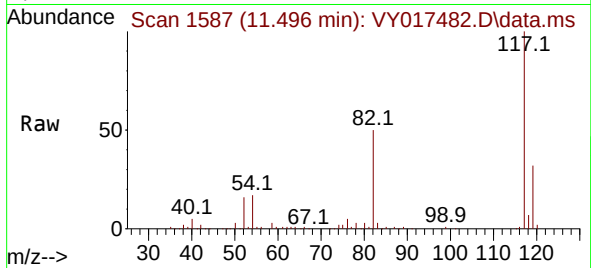




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017482.D
Acq: 26 Feb 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-18

Tgt Ion:117 Resp: 169956
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.8 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: VY017482.D
Acq: 26 Feb 2024 15:28

Tgt Ion:152 Resp: 60274
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 158.4 0.0 345.6

