

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017461.D
 Acq On : 22 Feb 2024 16:24
 Operator : SY/MD
 Sample : P1564-01
 Misc : 3.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-09

Quant Time: Feb 23 00:31:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

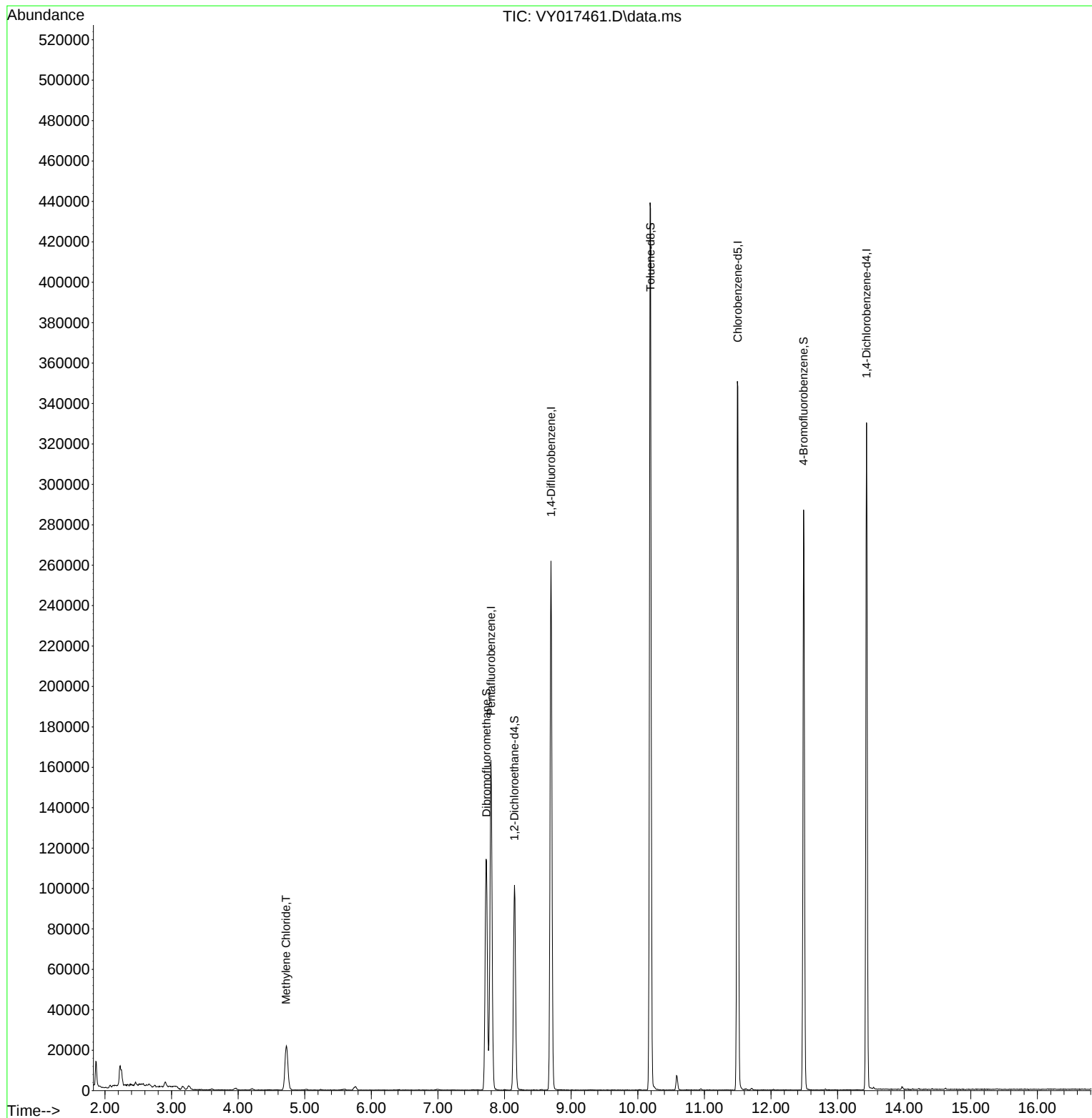
Internal Standards						
1) Pentafluorobenzene	7.795	168	133904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	88275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76006	66.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.880%
35) Dibromofluoromethane	7.728	113	84014	59.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.880%
50) Toluene-d8	10.191	98	304424	55.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.000%
62) 4-Bromofluorobenzene	12.489	95	85006	46.992	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.980%
Target Compounds						
20) Methylene Chloride	4.716	84	18768	7.133	ug/l	93

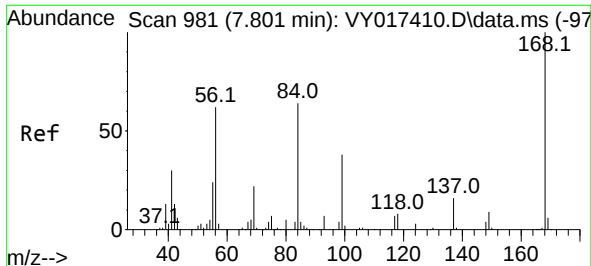
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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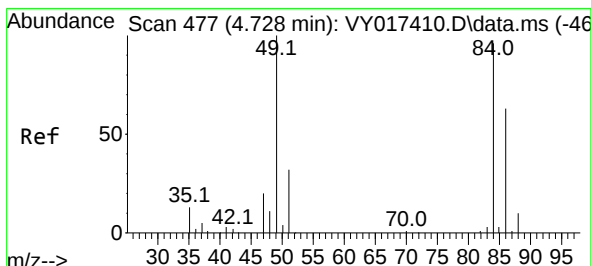
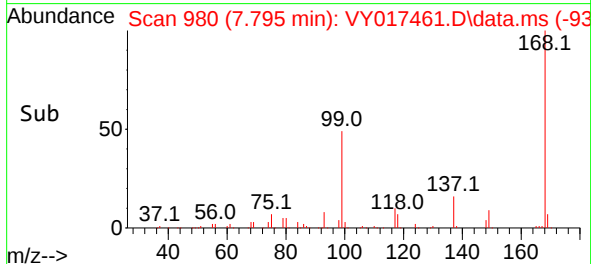
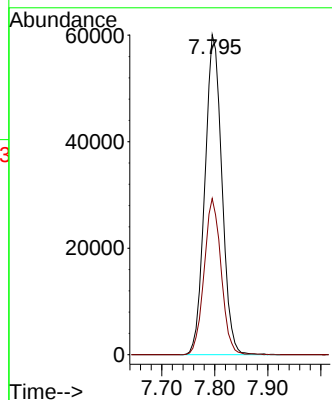
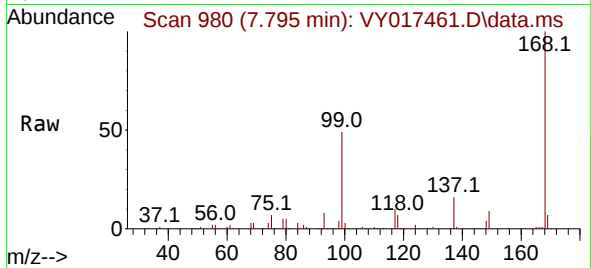




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

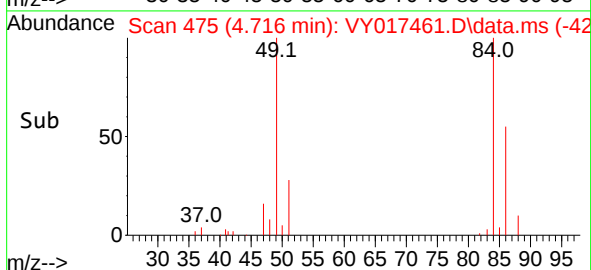
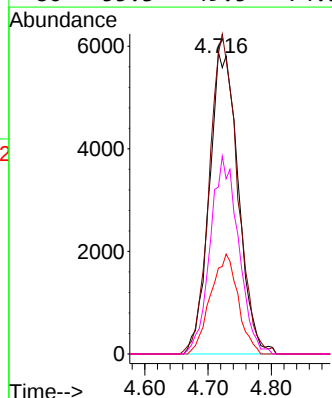
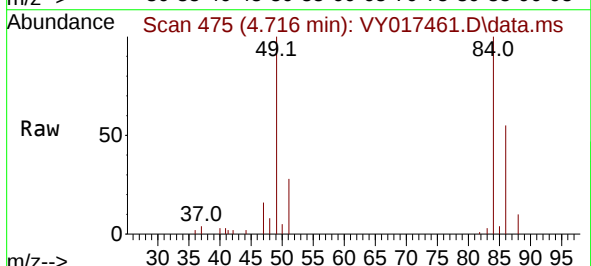
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

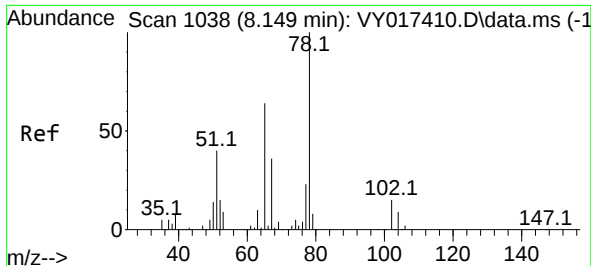
Tgt Ion:168 Resp: 133904
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#20
Methylene Chloride
Concen: 7.133 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

Tgt Ion: 84 Resp: 18768
Ion Ratio Lower Upper
84 100
49 99.6 84.4 126.6
51 28.5 26.0 39.0
86 55.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 66.443 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017461.D

Acq: 22 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

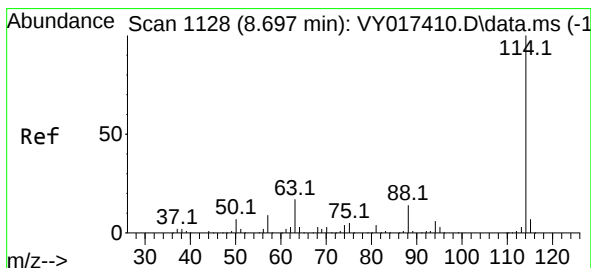
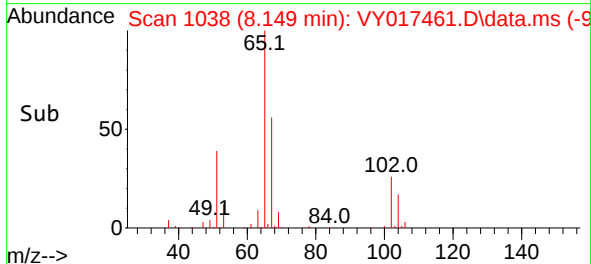
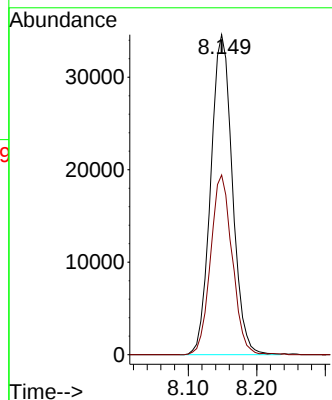
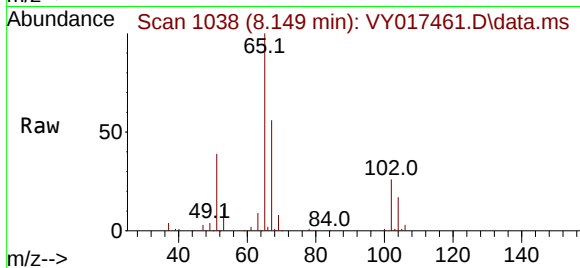
LKWD-BACKFILL-09

Tgt Ion: 65 Resp: 76006

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017461.D

Acq: 22 Feb 2024 16:24

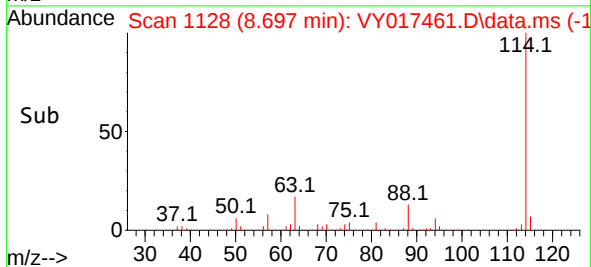
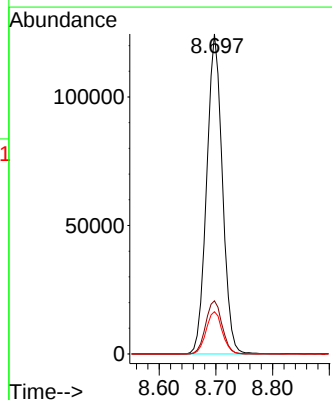
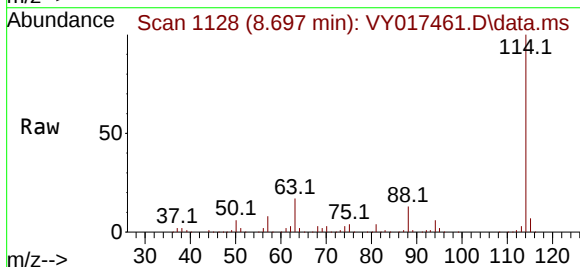
Tgt Ion: 114 Resp: 239458

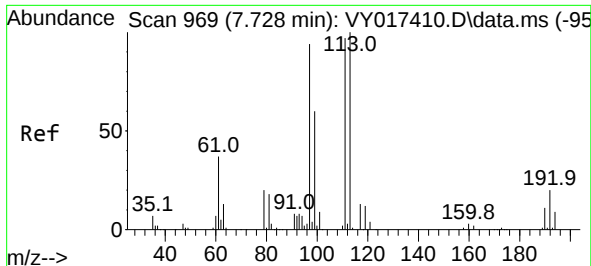
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.2 0.0 27.2

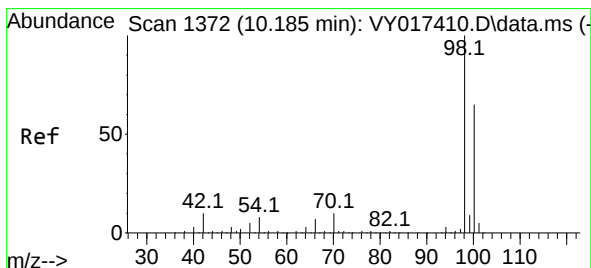
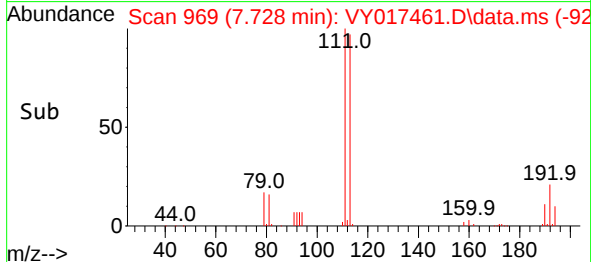
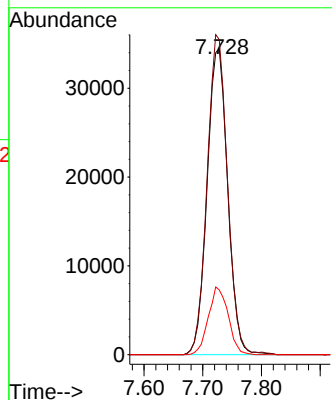
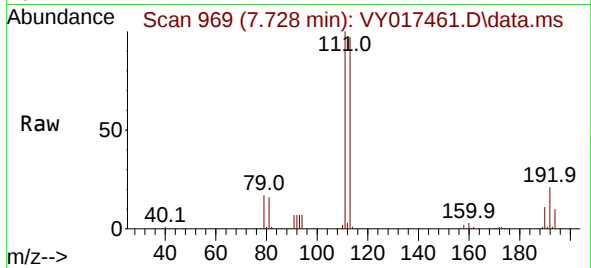




#35
 Dibromofluoromethane
 Concen: 59.937 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY017461.D
 Acq: 22 Feb 2024 16:24

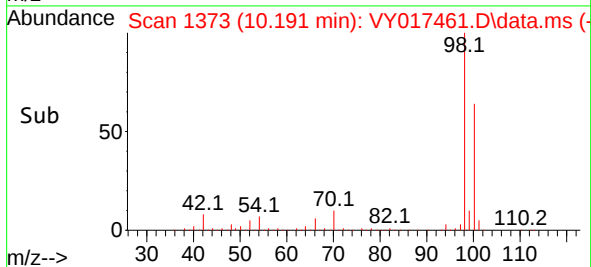
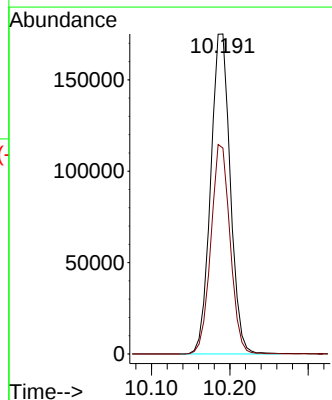
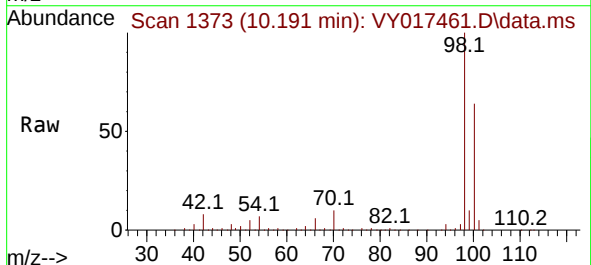
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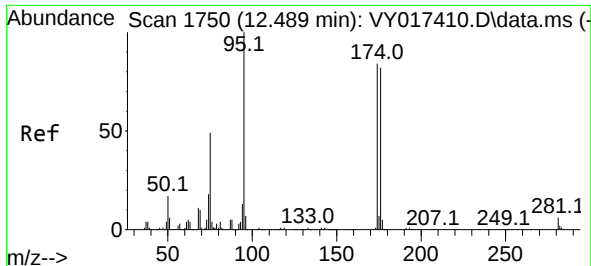
Tgt Ion:	113	Resp:	84014
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	21.3	15.9	23.9



#50
 Toluene-d8
 Concen: 55.999 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.006 min
 Lab File: VY017461.D
 Acq: 22 Feb 2024 16:24

Tgt Ion:	98	Resp:	304424
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0

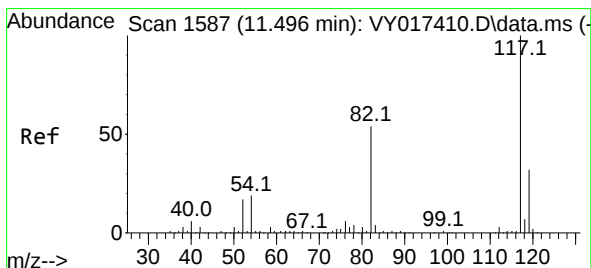
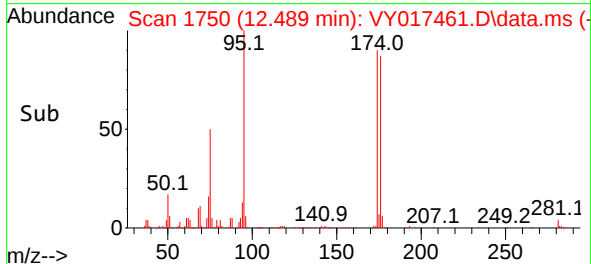
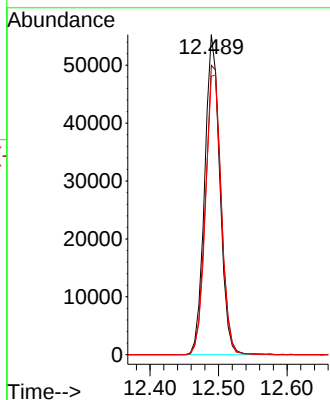
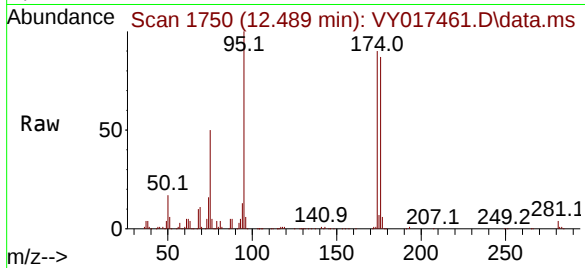




#62
4-Bromofluorobenzene
Concen: 46.992 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

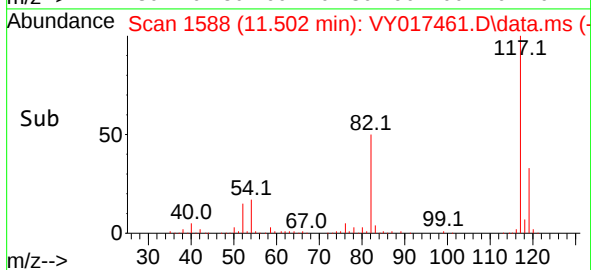
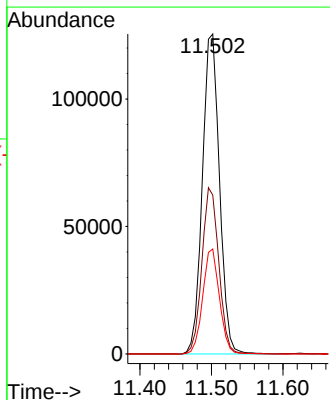
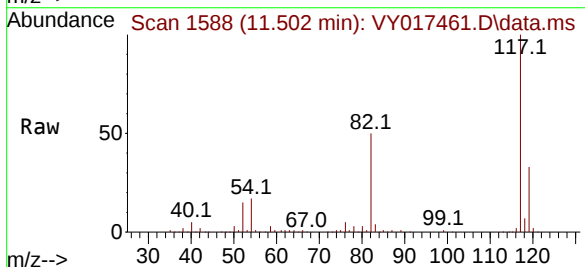
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

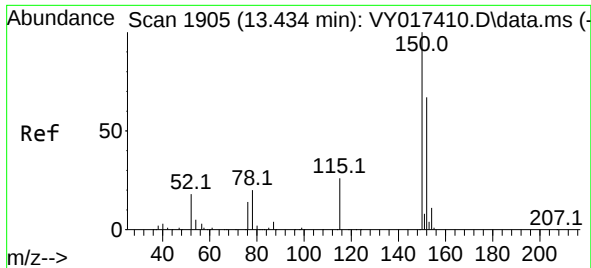
Tgt Ion:	95	Resp:	85006
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	175.6
176	90.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017461.D
Acq: 22 Feb 2024 16:24

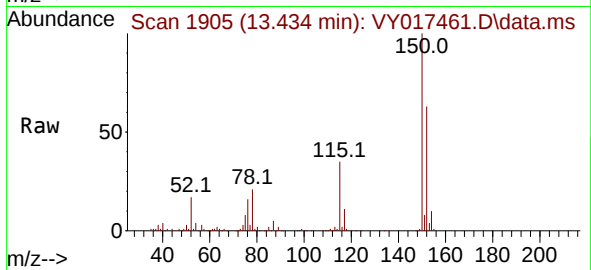
Tgt Ion:	117	Resp:	209047
Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.4	63.6
119	32.8	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017461.D
 Acq: 22 Feb 2024 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-09



Tgt Ion:152 Resp: 88275
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 156.6 0.0 345.6

