

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017481.D
 Acq On : 26 Feb 2024 15:05
 Operator : SY/MD
 Sample : P1564-17
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-17

Quant Time: Feb 27 01:53:12 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)

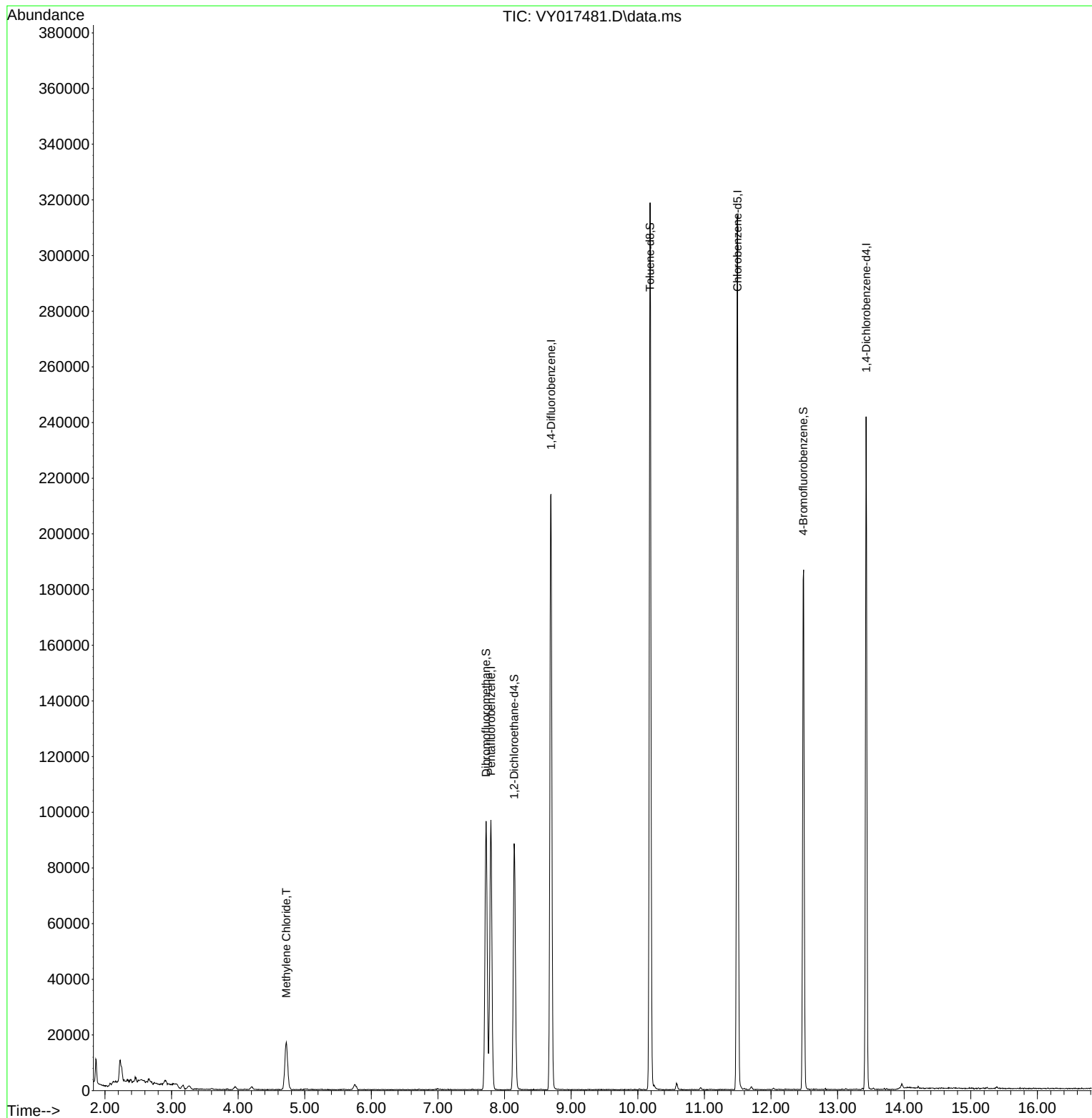
Internal Standards						
1) Pentafluorobenzene	7.795	168	78631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66927	89.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.620%#	
35) Dibromofluoromethane	7.722	113	69601	50.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.185	98	213377	43.853	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.700%	
62) 4-Bromofluorobenzene	12.483	95	56351	36.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.700%	
Target Compounds						
20) Methylene Chloride	4.723	84	14037	12.411	ug/l	Qvalue 96

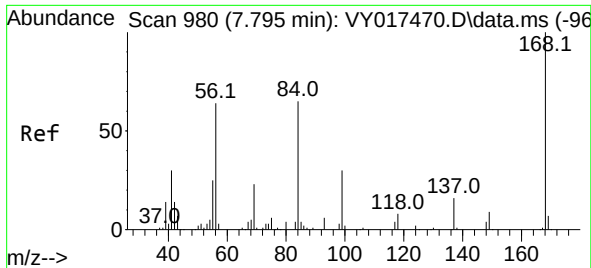
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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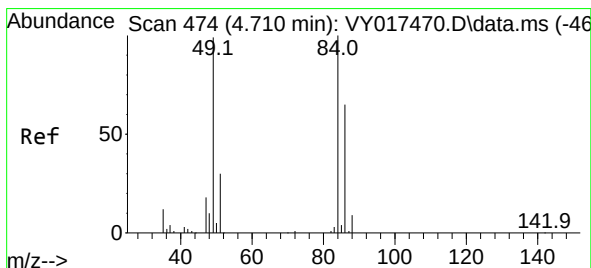
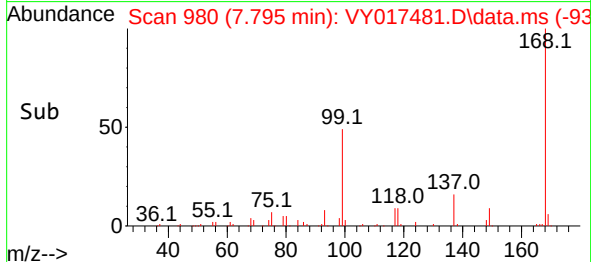
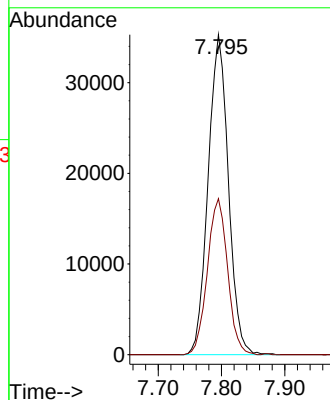
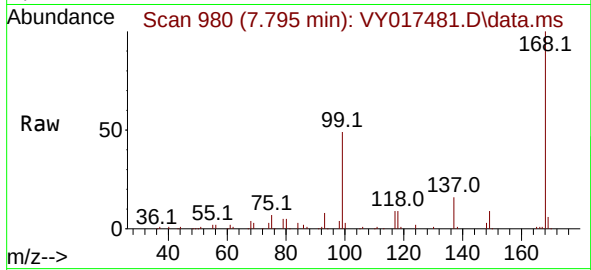




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017481.D
Acq: 26 Feb 2024 15:05

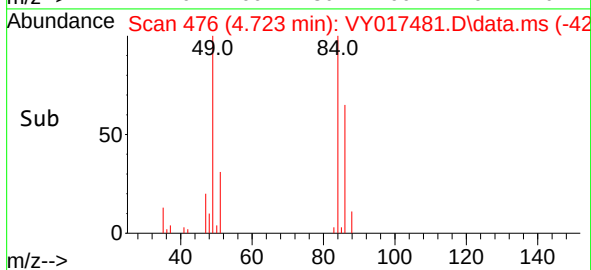
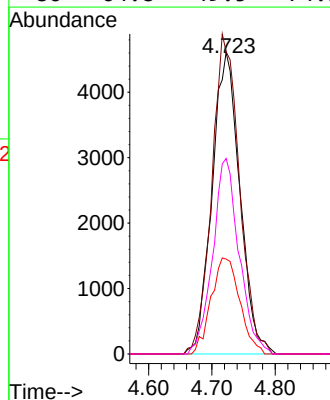
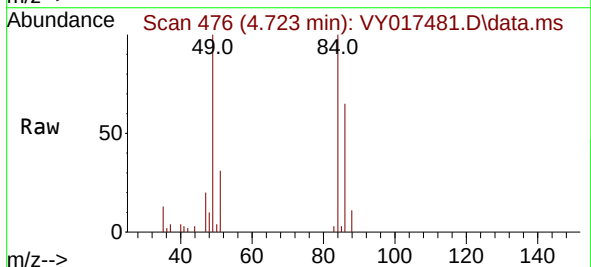
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

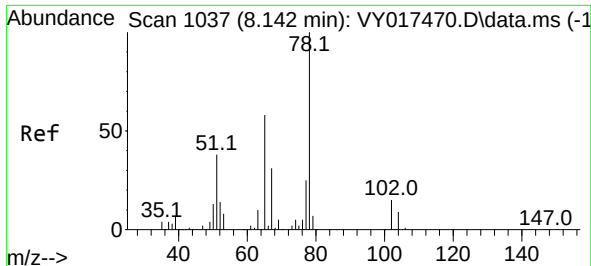
Tgt Ion:168 Resp: 78631
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#20
Methylene Chloride
Concen: 12.411 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY017481.D
Acq: 26 Feb 2024 15:05

Tgt Ion: 84 Resp: 14037
Ion Ratio Lower Upper
84 100
49 100.2 84.4 126.6
51 31.5 26.0 39.0
86 64.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 89.810 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017481.D

Acq: 26 Feb 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

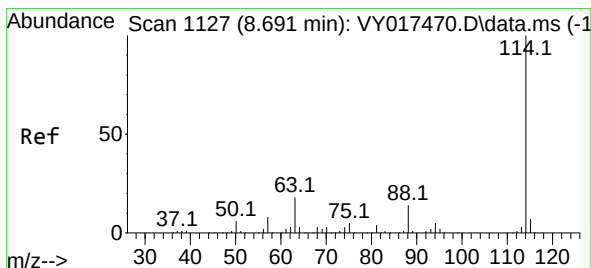
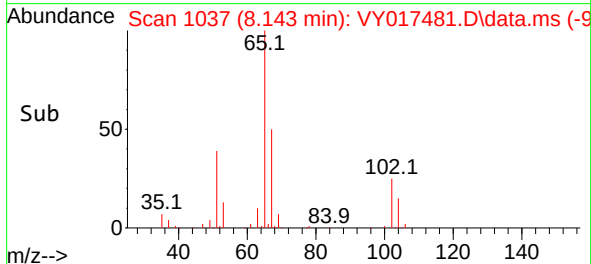
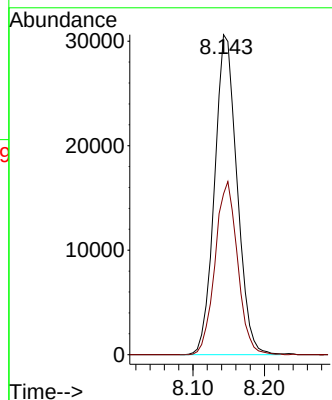
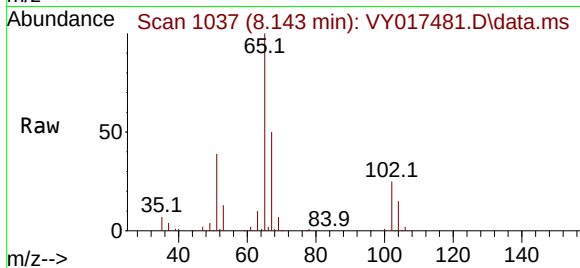
LKWD-BACKFILL-17

Tgt Ion: 65 Resp: 66927

Ion Ratio Lower Upper

65 100

67 54.1 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: VY017481.D

Acq: 26 Feb 2024 15:05

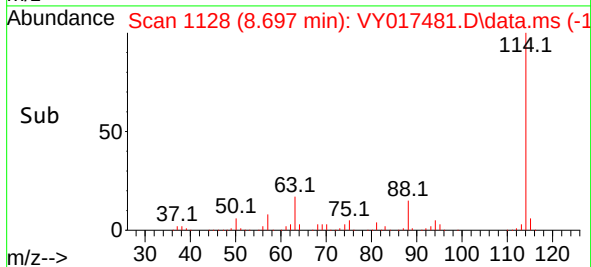
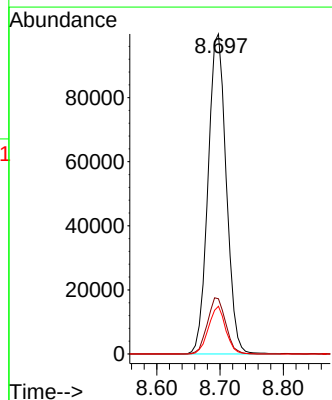
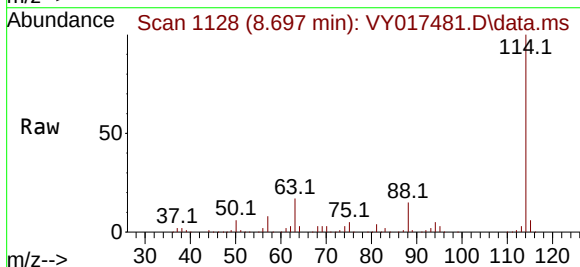
Tgt Ion: 114 Resp: 199713

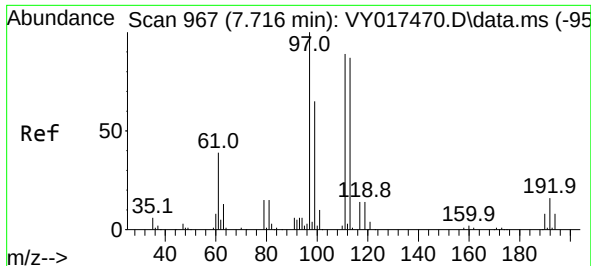
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.9 0.0 27.2

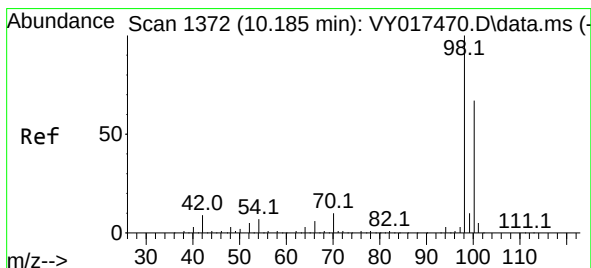
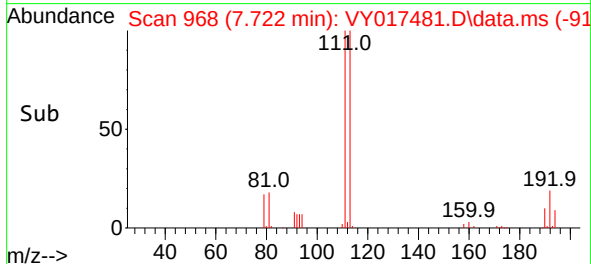
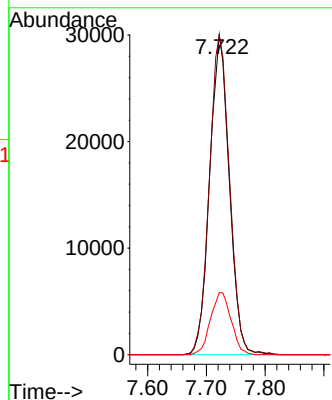
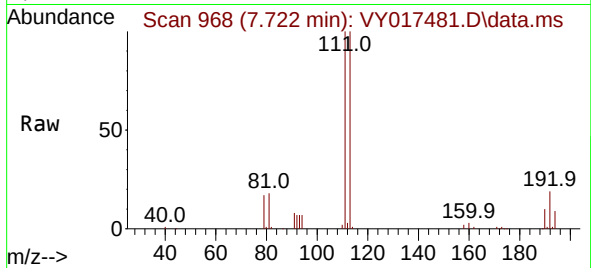




#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017481.D
Acq: 26 Feb 2024 15:05

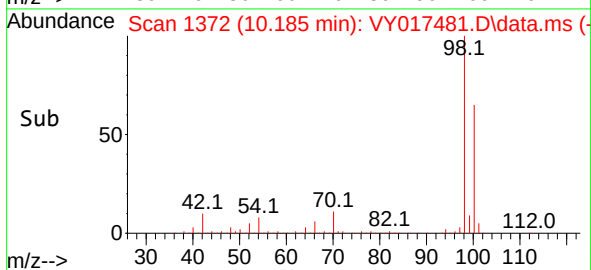
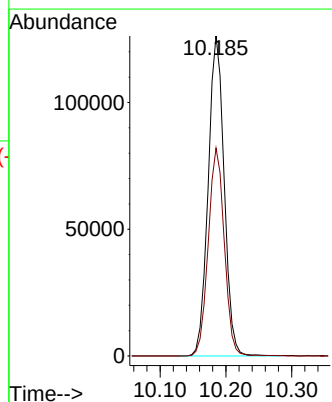
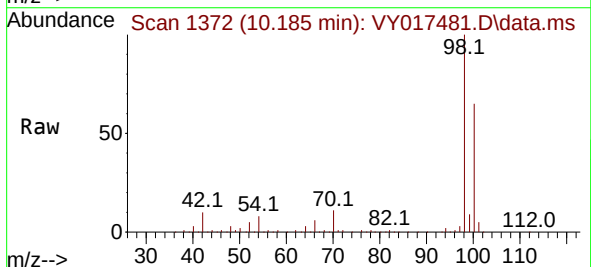
Instrument :
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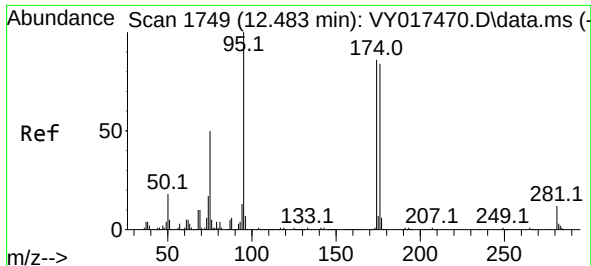
Tgt Ion:113 Resp: 69601
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.4 15.9 23.9



#50
Toluene-d8
Concen: 43.853 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017481.D
Acq: 26 Feb 2024 15:05

Tgt Ion: 98 Resp: 213377
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

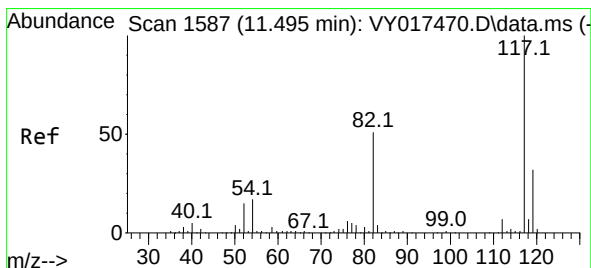
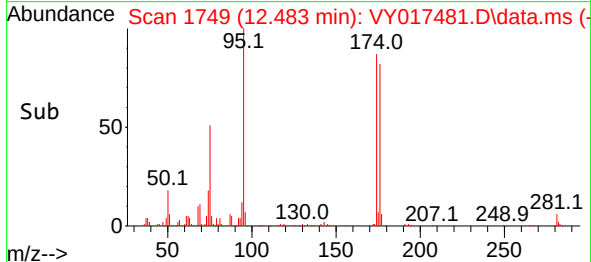
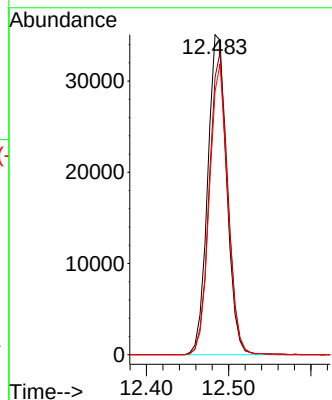
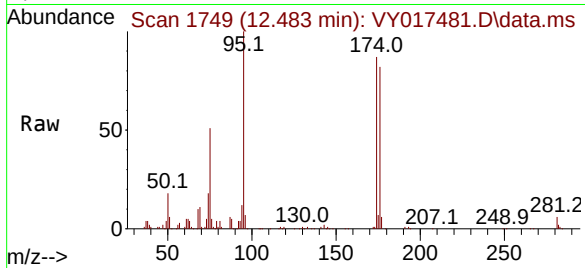




#62
4-Bromofluorobenzene
Concen: 36.850 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017481.D
Acq: 26 Feb 2024 15:05

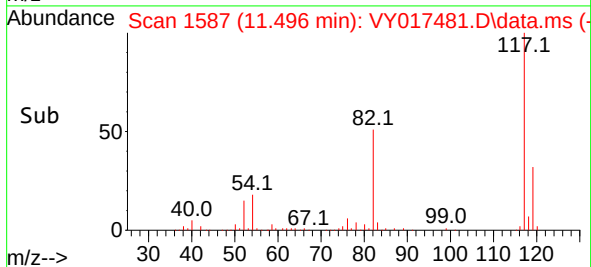
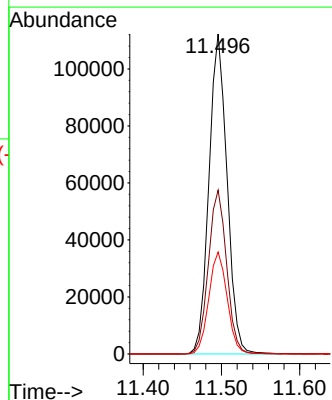
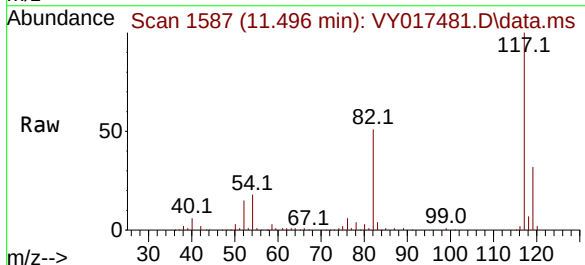
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-17

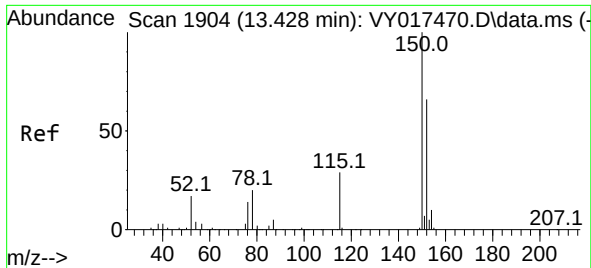
Tgt Ion:	95	Resp:	56351
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	175.6
176	88.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017481.D
Acq: 26 Feb 2024 15:05

Tgt Ion:	117	Resp:	179796
Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.4	63.6
119	31.9	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: VY017481.D

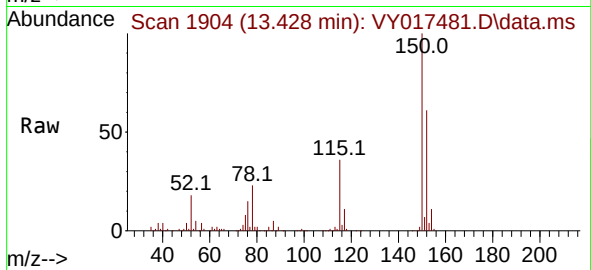
Acq: 26 Feb 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-17



Tgt Ion:152 Resp: 62482

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 158.1 0.0 345.6

