

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017484.D
 Acq On : 26 Feb 2024 16:14
 Operator : SY/MD
 Sample : P1564-09
 Misc : 3.88g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-13

Quant Time: Feb 27 01:54:15 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)

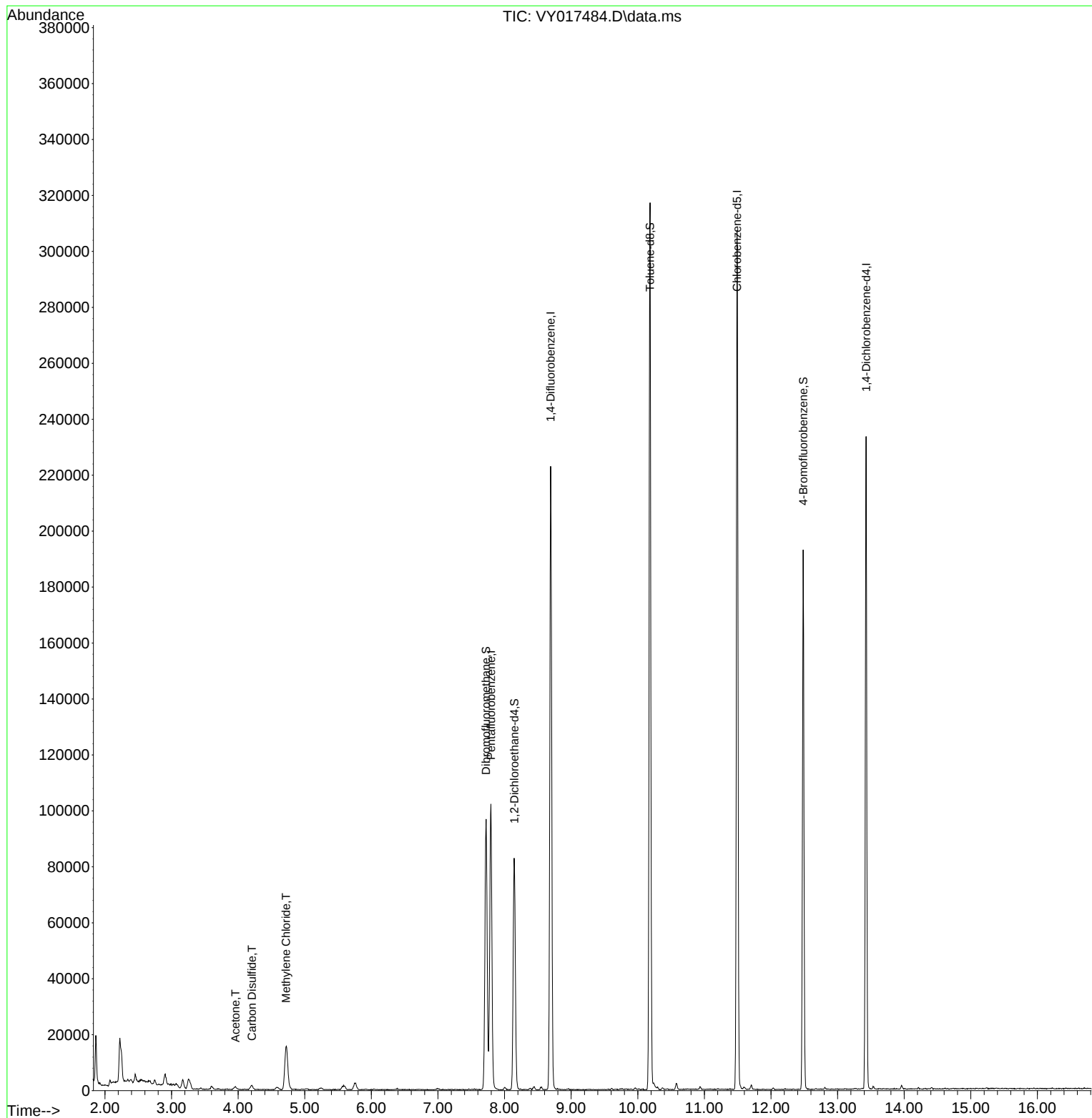
Internal Standards						
1) Pentafluorobenzene	7.795	168	84121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62795	78.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.540%
35) Dibromofluoromethane	7.722	113	69764	48.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.580%
50) Toluene-d8	10.185	98	217421	43.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.483	95	55884	35.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.140%
Target Compounds						
16) Acetone	3.960	43	2041	13.199	ug/l	89
17) Carbon Disulfide	4.204	76	2732	1.145	ug/l	99
20) Methylene Chloride	4.716	84	13227	10.199	ug/l	95

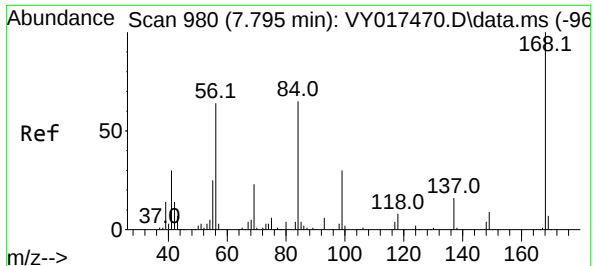
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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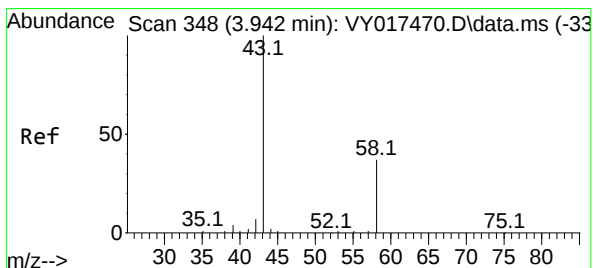
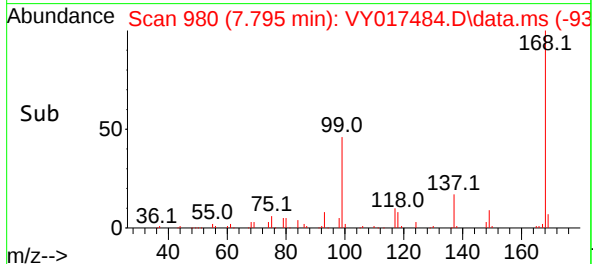
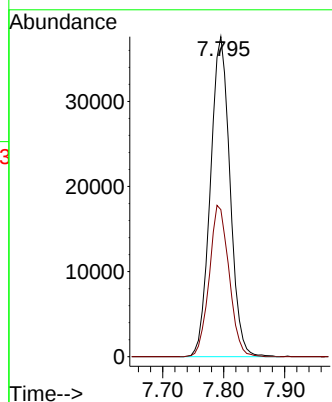
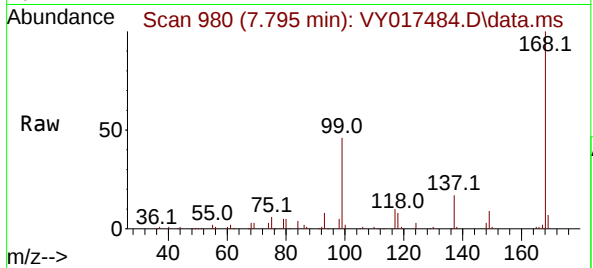




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

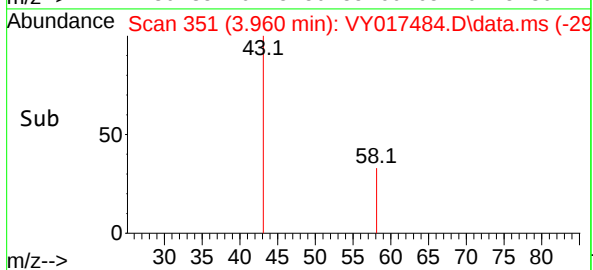
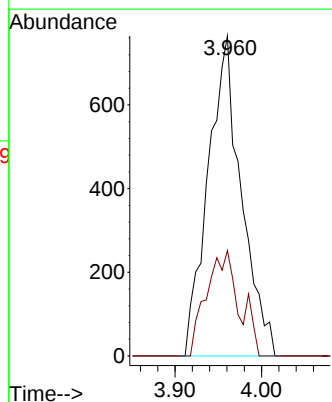
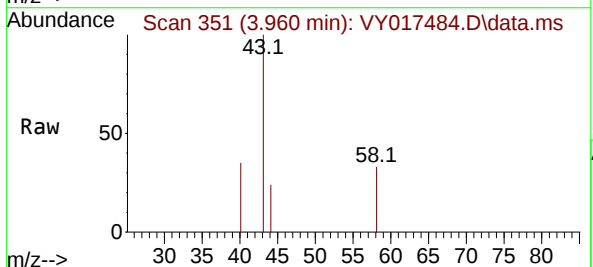
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-13

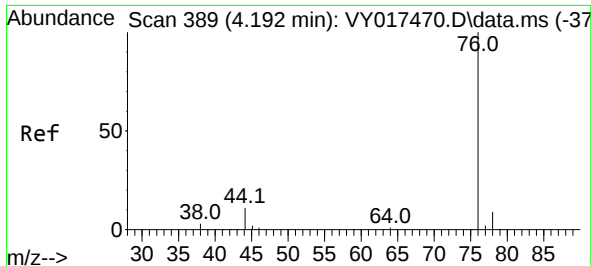
Tgt Ion:168 Resp: 84121
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#16
Acetone
Concen: 13.199 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.019 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

Tgt Ion: 43 Resp: 2041
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5

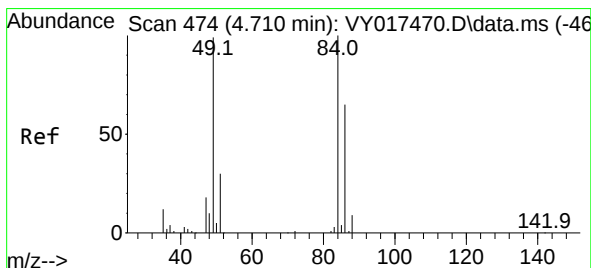
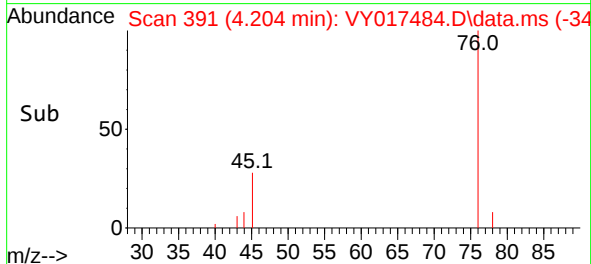
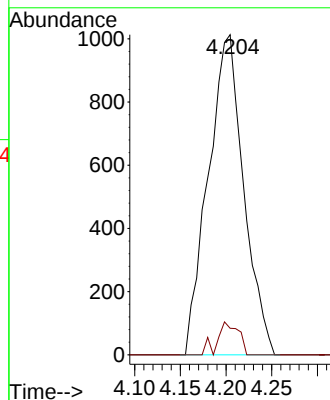
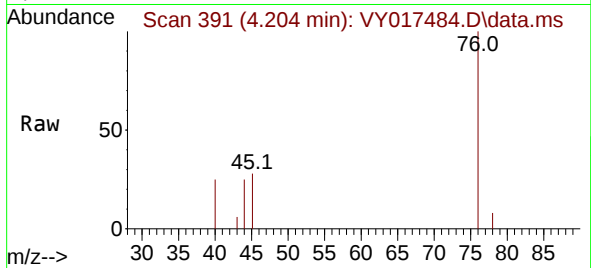




#17
Carbon Disulfide
Concen: 1.145 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

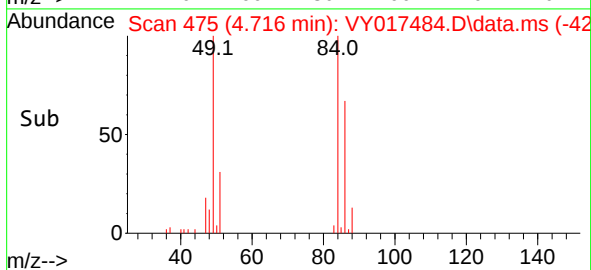
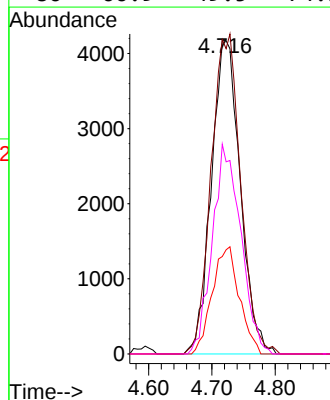
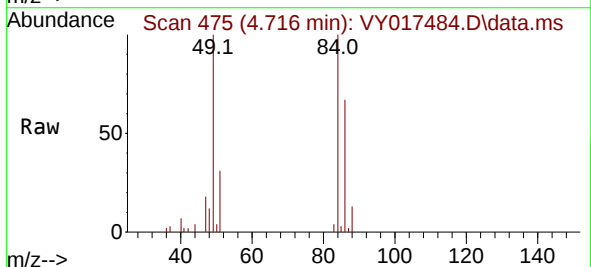
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-13

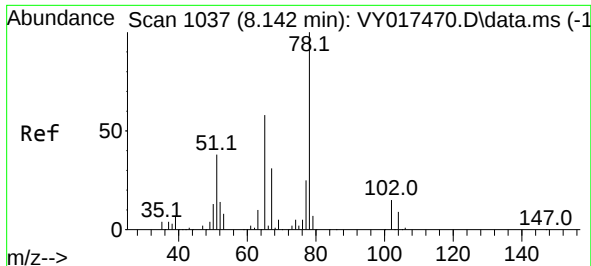
Tgt Ion: 76 Resp: 2732
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#20
Methylene Chloride
Concen: 10.199 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

Tgt Ion: 84 Resp: 13227
Ion Ratio Lower Upper
84 100
49 100.2 84.4 126.6
51 31.1 26.0 39.0
86 66.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 78.765 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017484.D

Acq: 26 Feb 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

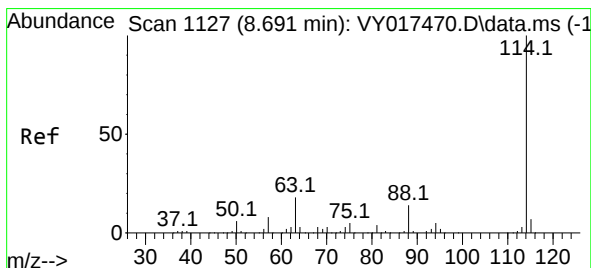
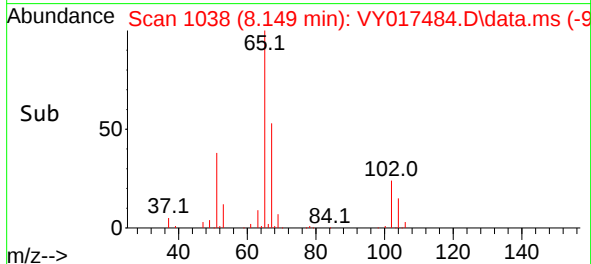
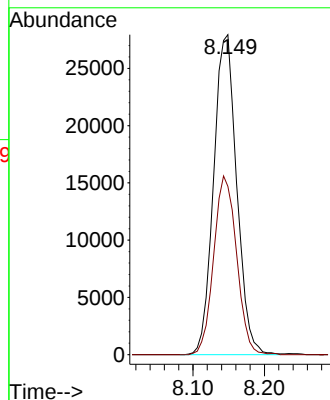
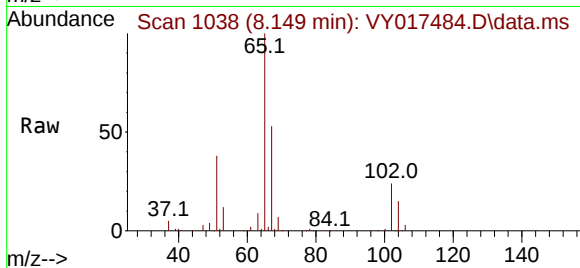
LKWD-BACKFILL-13

Tgt Ion: 65 Resp: 62795

Ion Ratio Lower Upper

65 100

67 55.3 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: VY017484.D

Acq: 26 Feb 2024 16:14

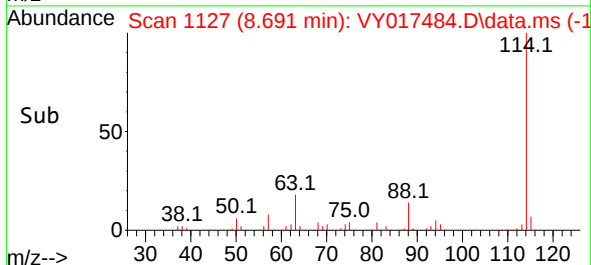
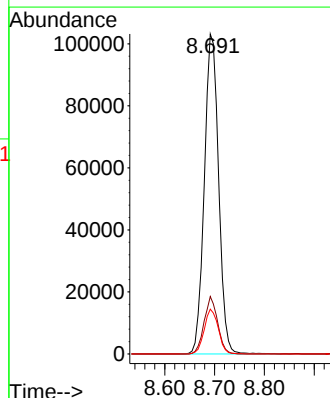
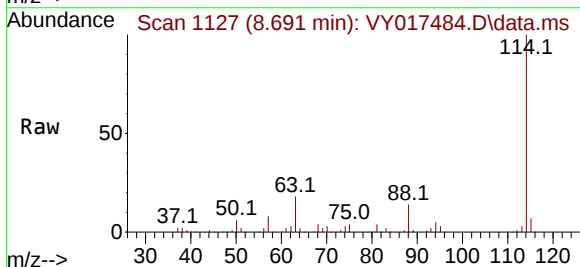
Tgt Ion: 114 Resp: 205208

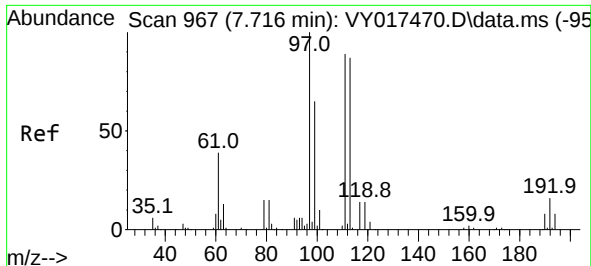
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

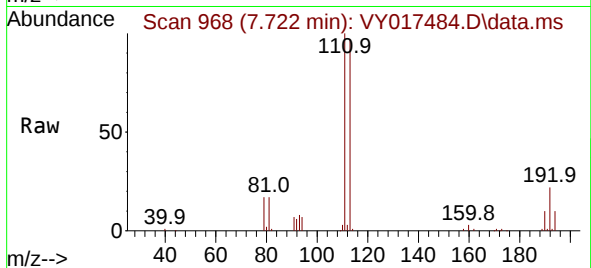
88 14.0 0.0 27.2



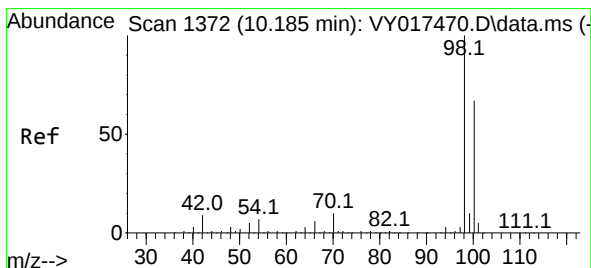
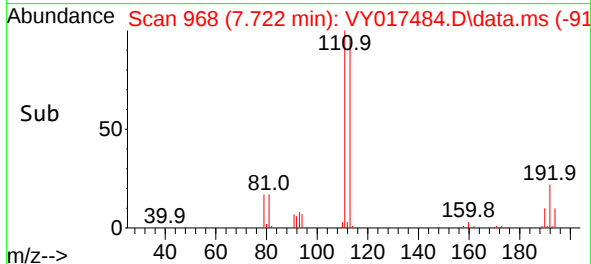
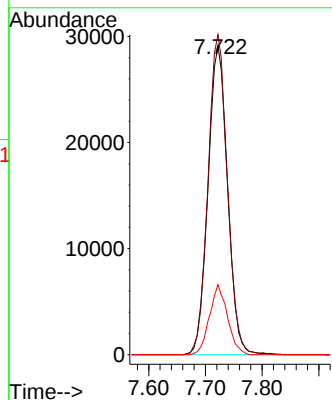


#35
Dibromofluoromethane
Concen: 48.788 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-13

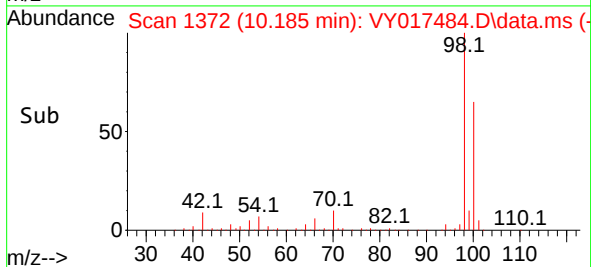
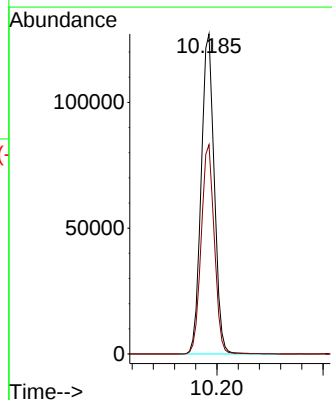
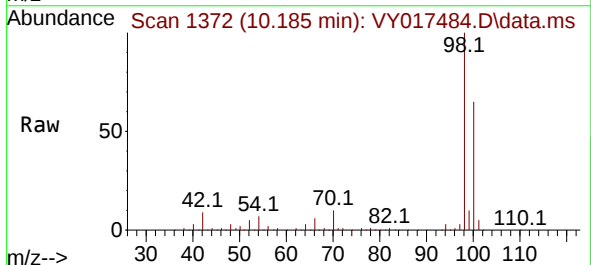


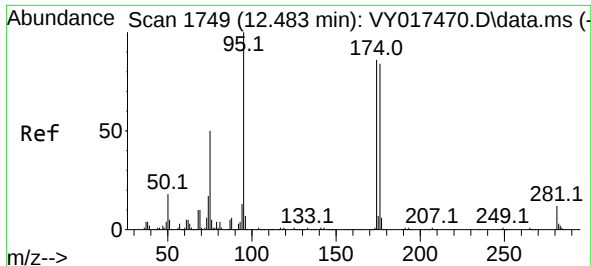
Tgt Ion:113 Resp: 69764
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.9 15.9 23.9



#50
Toluene-d8
Concen: 43.487 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

Tgt Ion: 98 Resp: 217421
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

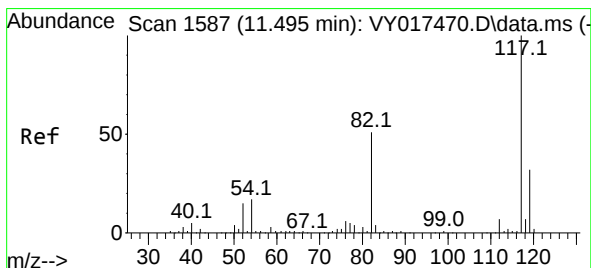
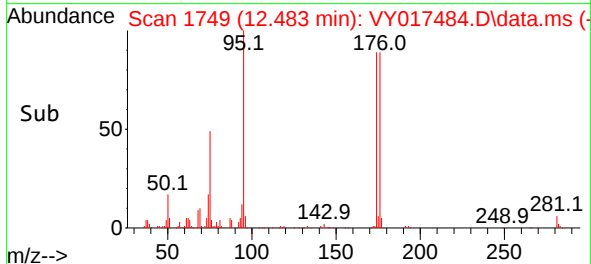
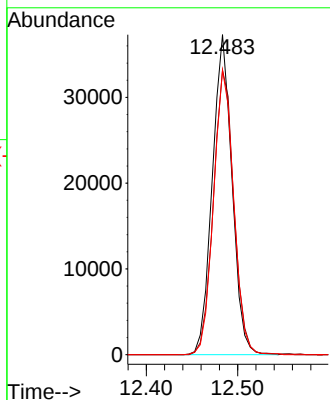
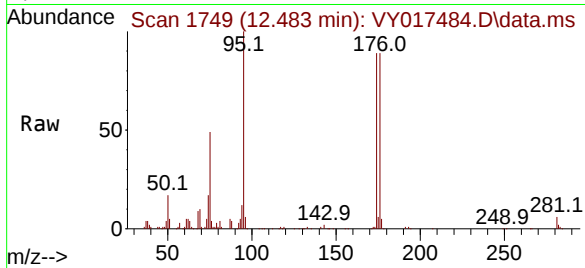




#62
4-Bromofluorobenzene
Concen: 35.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

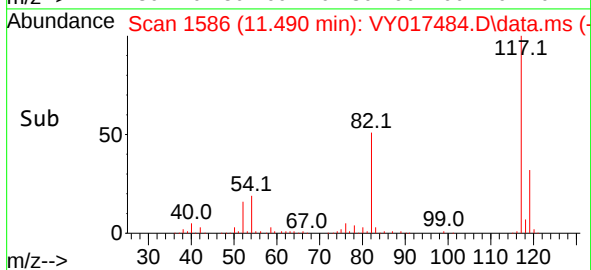
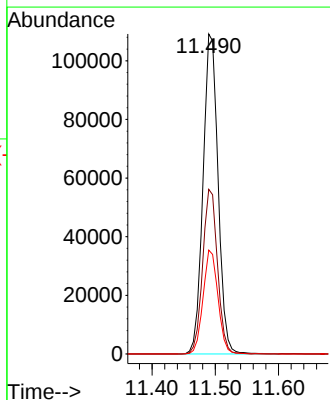
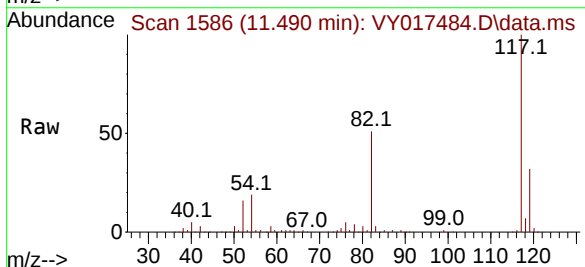
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-13

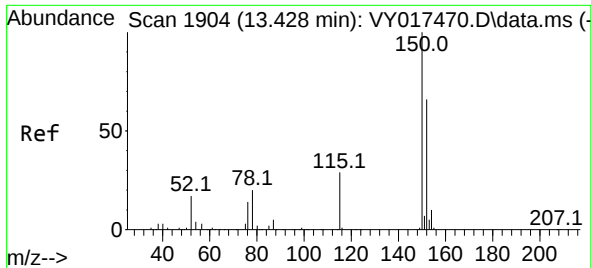
Tgt Ion:	95	Resp:	55884
Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	175.6
176	90.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017484.D
Acq: 26 Feb 2024 16:14

Tgt Ion:	117	Resp:	180765
Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.4	63.6
119	32.4	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: VY017484.D

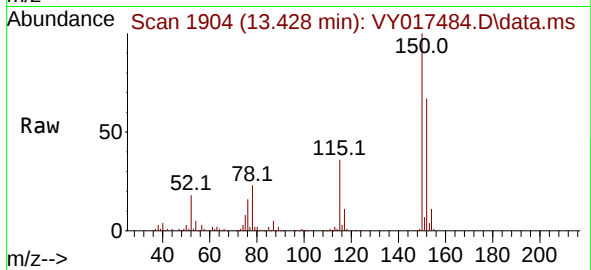
Acq: 26 Feb 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-13



Tgt Ion:152 Resp: 62175

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 155.9 0.0 345.6

