

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017486.D
 Acq On : 26 Feb 2024 17:00
 Operator : SY/MD
 Sample : P1564-15
 Misc : 3.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-16

Quant Time: Feb 27 01:54:57 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)

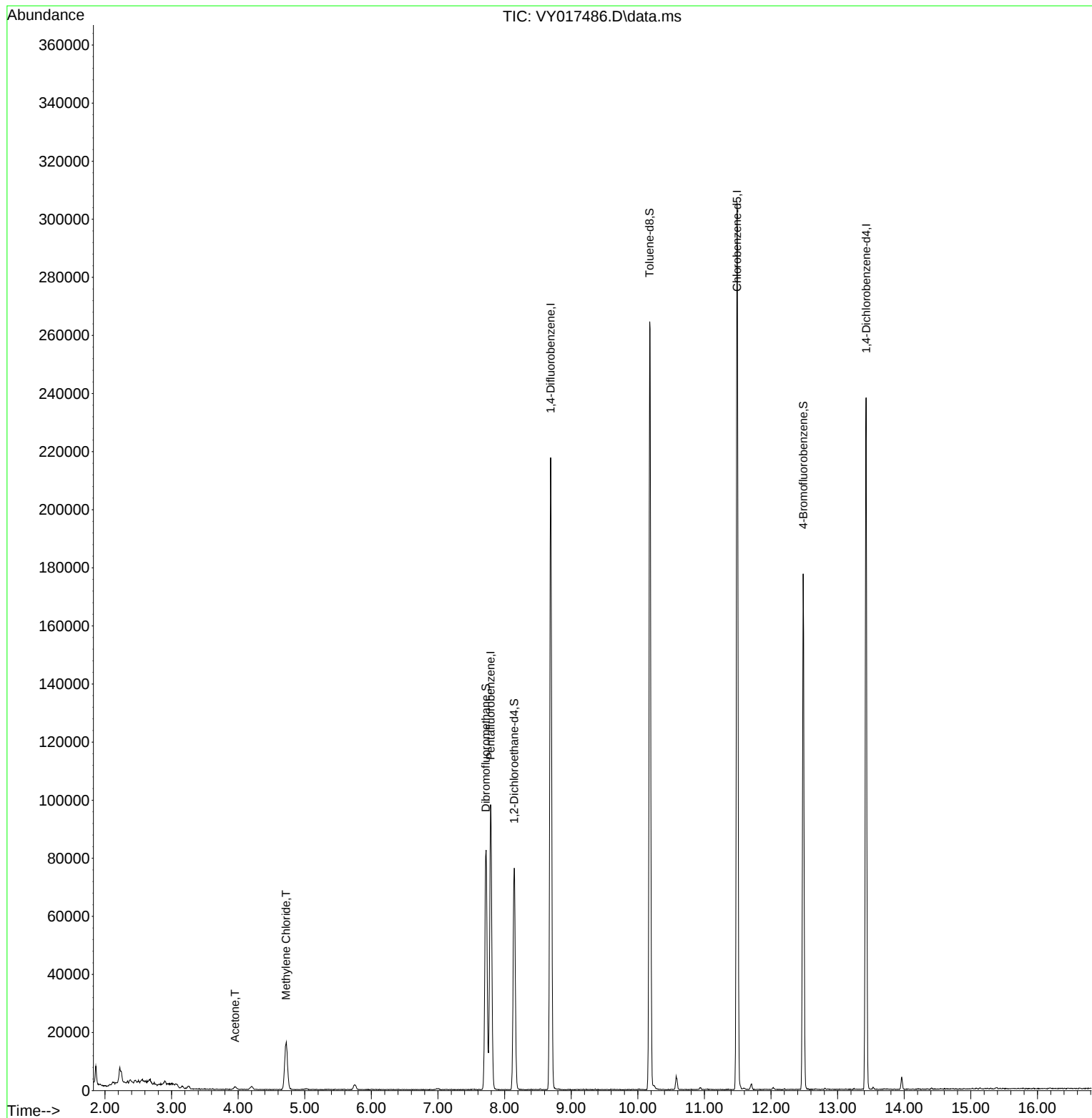
Internal Standards						
1) Pentafluorobenzene	7.789	168	81836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57636	74.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.620%
35) Dibromofluoromethane	7.716	113	61166	44.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.280%
50) Toluene-d8	10.179	98	186152	38.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.840%
62) 4-Bromofluorobenzene	12.483	95	48931	32.136	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.280%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1872	12.444	ug/l #	86
20) Methylene Chloride	4.716	84	13552	11.068	ug/l	90

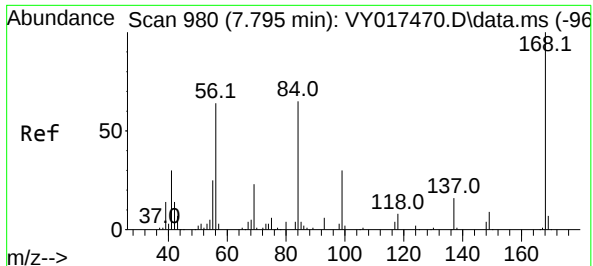
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 3.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

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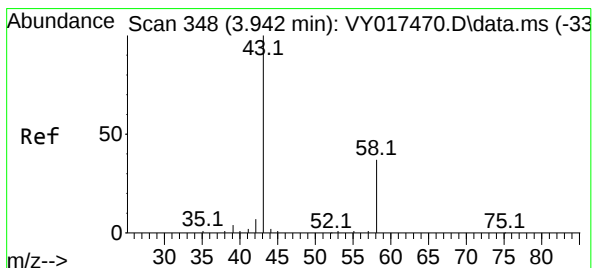
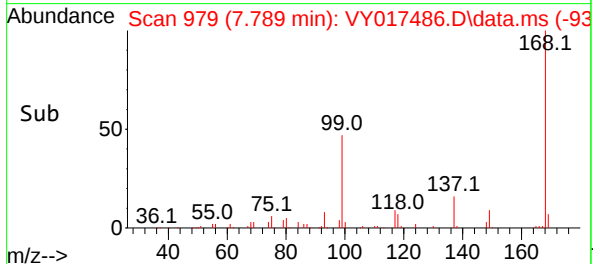
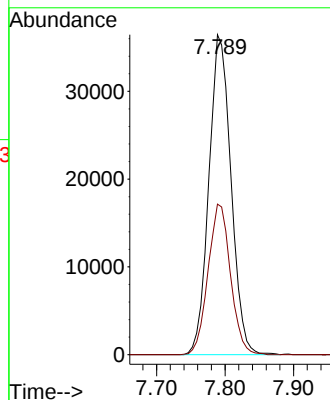
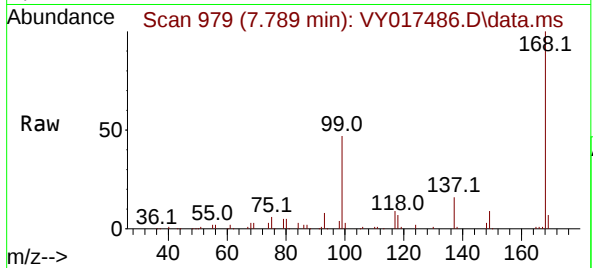




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017486.D
Acq: 26 Feb 2024 17:00

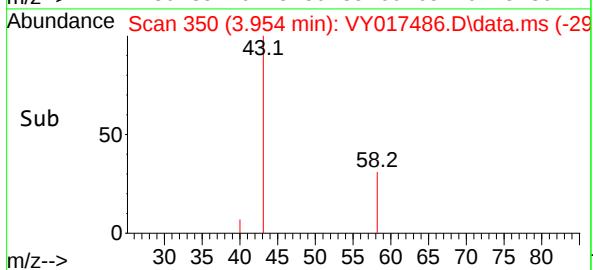
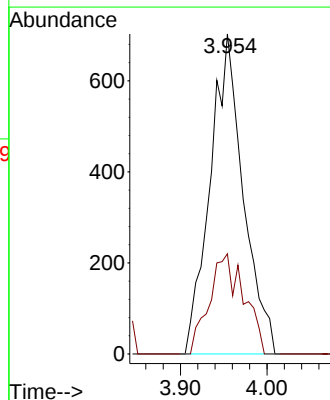
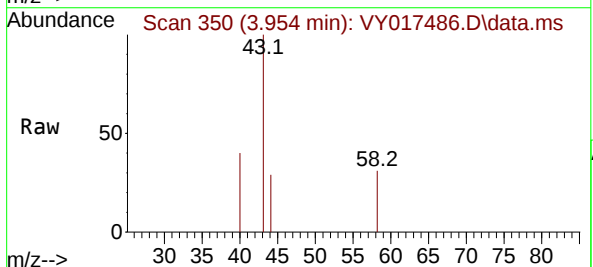
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

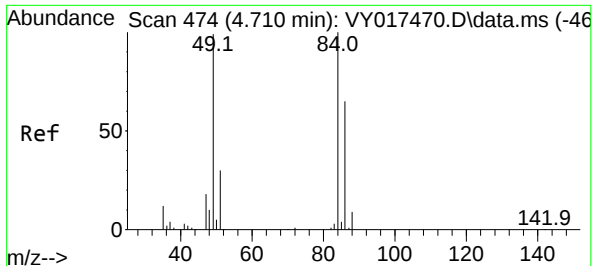
Tgt Ion:168 Resp: 81836
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#16
Acetone
Concen: 12.444 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017486.D
Acq: 26 Feb 2024 17:00

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 31.3 31.7 47.5#

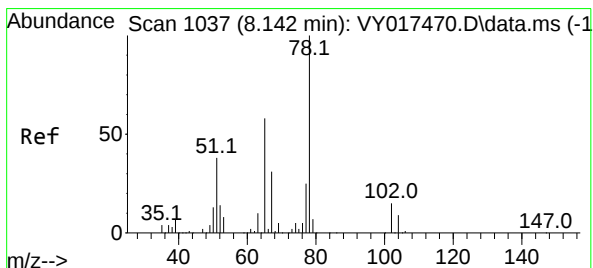
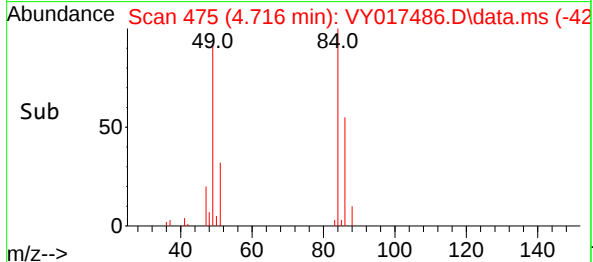
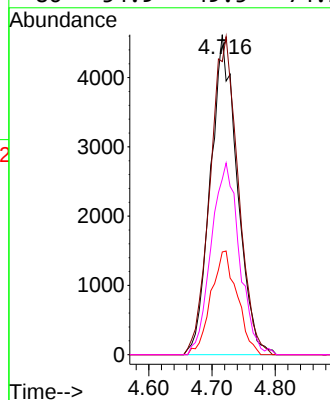
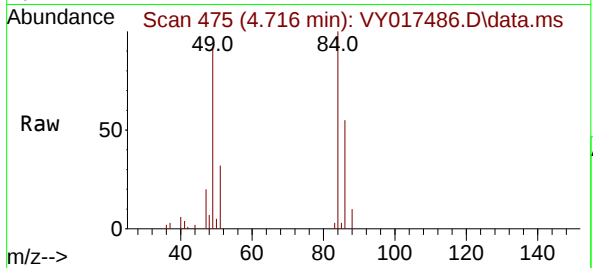




#20
Methylene Chloride
Concen: 11.068 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017486.D
Acq: 26 Feb 2024 17:00

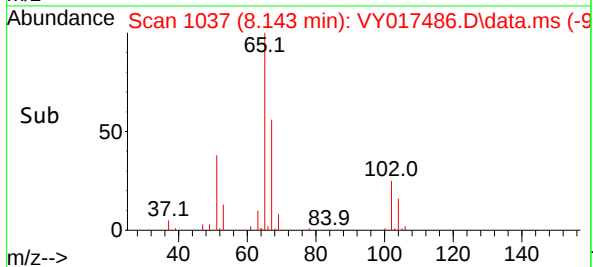
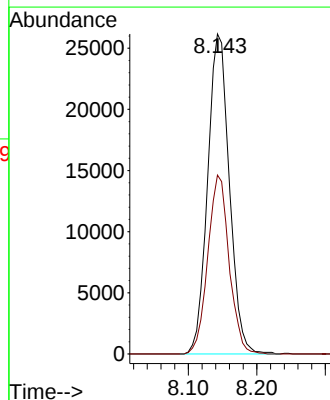
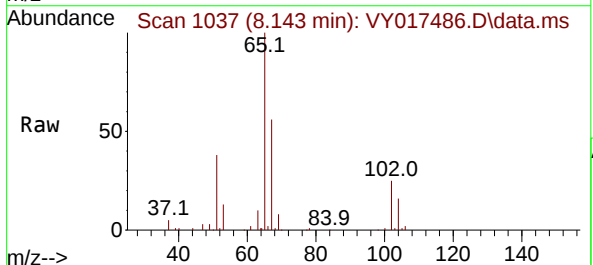
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

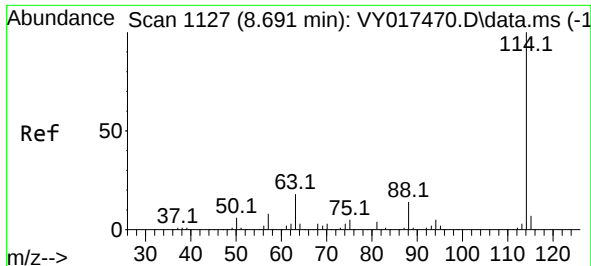
Tgt Ion:	84	Resp:	13552
Ion	Ratio	Lower	Upper
84	100		
49	91.6	84.4	126.6
51	32.1	26.0	39.0
86	54.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 74.313 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017486.D
Acq: 26 Feb 2024 17:00

Tgt Ion:	65	Resp:	57636
Ion	Ratio	Lower	Upper
65	100		
67	54.8	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: VY017486.D

Acq: 26 Feb 2024 17:00

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-16

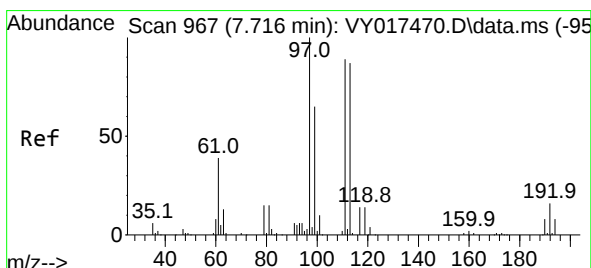
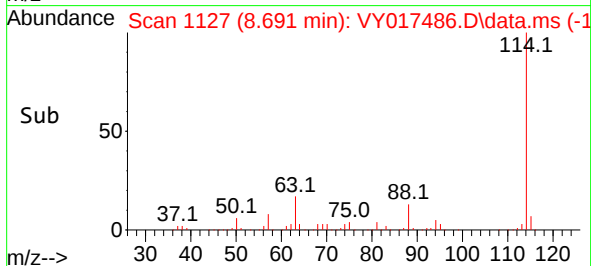
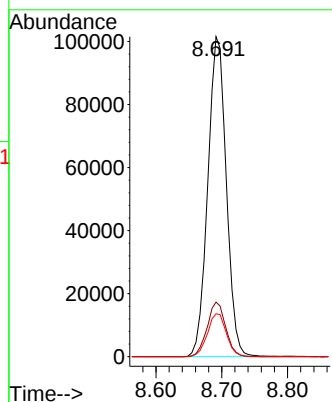
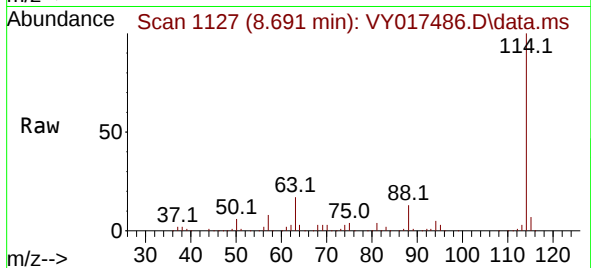
Tgt Ion:114 Resp: 198858

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.141 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017486.D

Acq: 26 Feb 2024 17:00

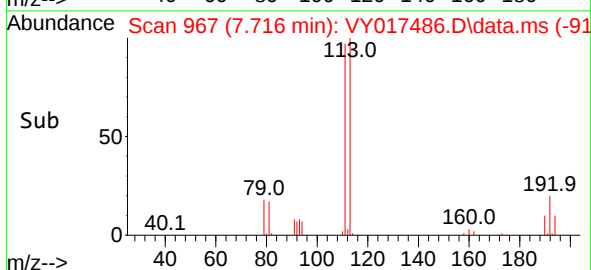
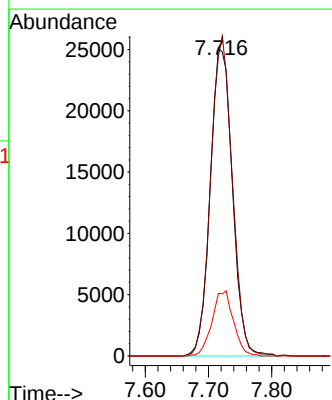
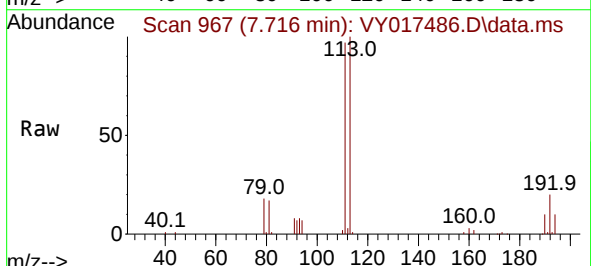
Tgt Ion:113 Resp: 61166

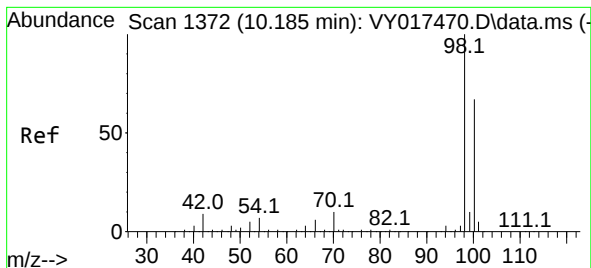
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 38.422 ug/l

RT: 10.179 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY017486.D

Acq: 26 Feb 2024 17:00

Instrument :

MSVOA_Y

ClientSampleId :

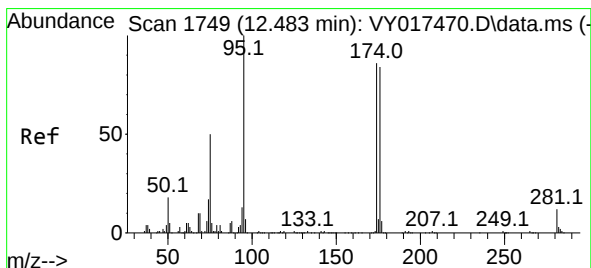
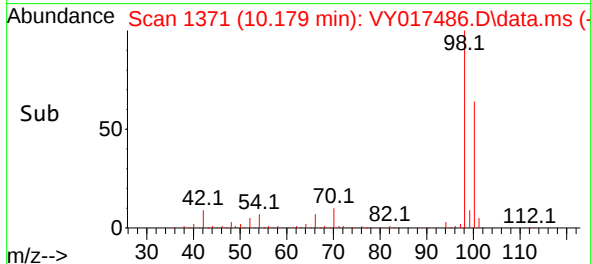
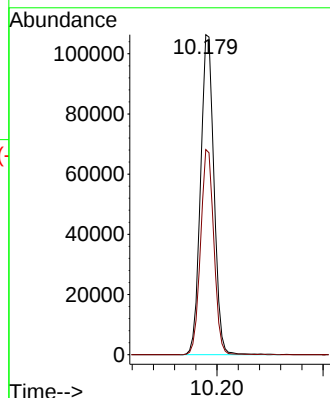
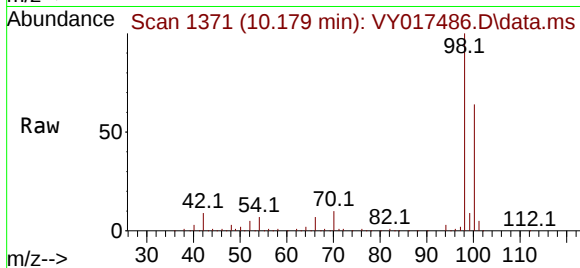
LKWD-BACKFILL-16

Tgt Ion: 98 Resp: 186152

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.136 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017486.D

Acq: 26 Feb 2024 17:00

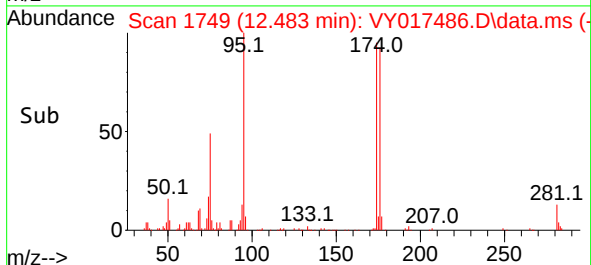
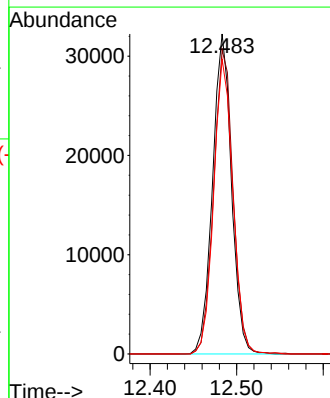
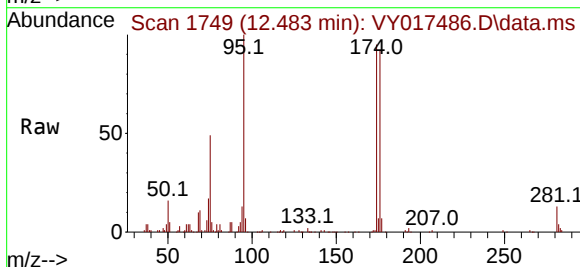
Tgt Ion: 95 Resp: 48931

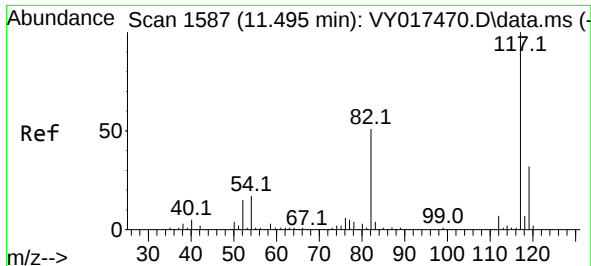
Ion Ratio Lower Upper

95 100

174 97.6 0.0 175.6

176 93.5 0.0 171.4

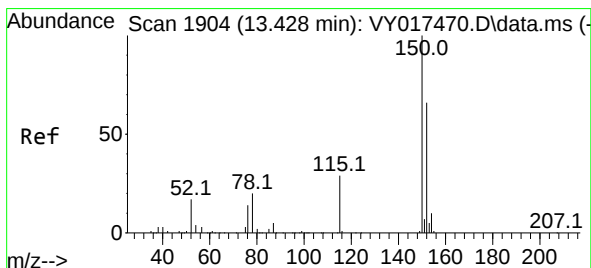
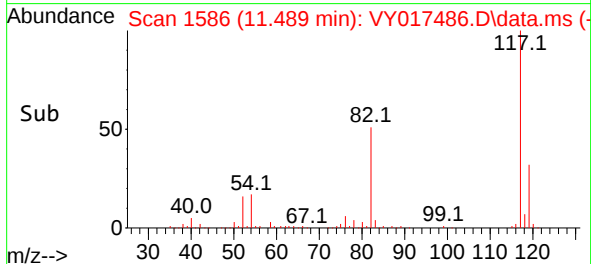
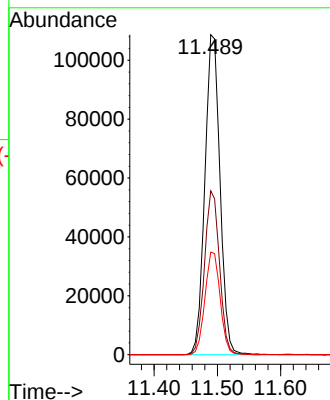
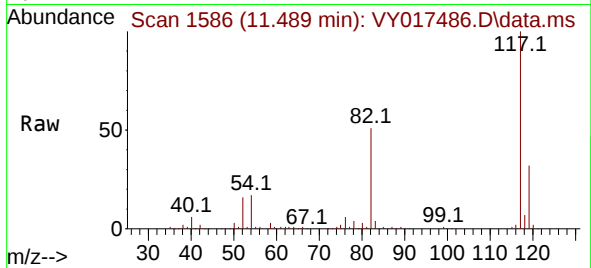




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017486.D
Acq: 26 Feb 2024 17:00

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-16

Tgt Ion:117 Resp: 181752
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.1 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: VY017486.D
Acq: 26 Feb 2024 17:00

Tgt Ion:152 Resp: 64372
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 158.7 0.0 345.6

