

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016191.D
 Acq On : 02 Nov 2023 15:35
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 03 01:41:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

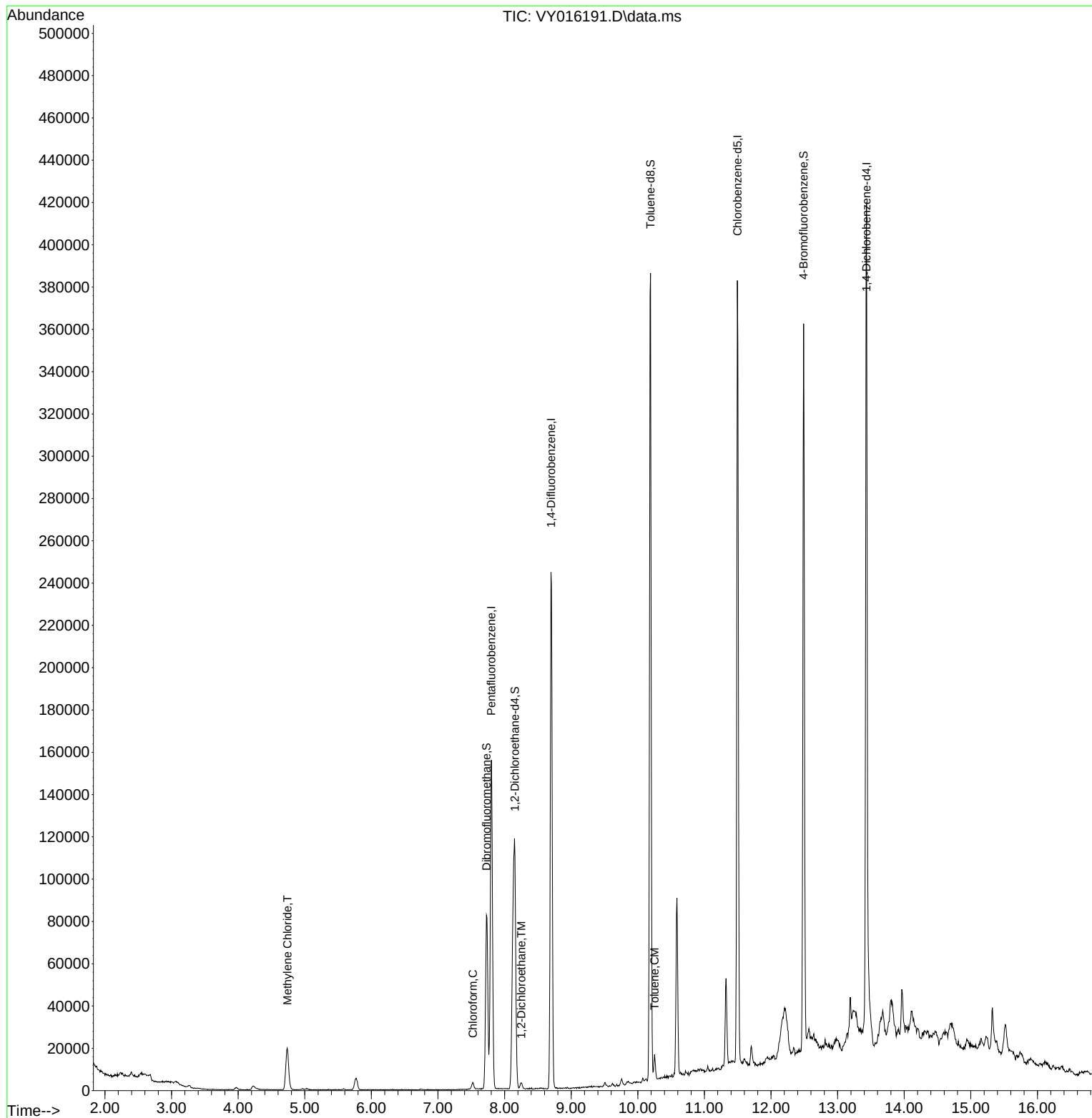
Internal Standards						
1) Pentafluorobenzene	7.801	168	124450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68187	58.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.728	113	59519	46.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.860%
50) Toluene-d8	10.191	98	252291	49.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.489	95	90628	52.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.280%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.741	84	15515	10.705	ug/l #	80
30) Chloroform	7.527	83	3155	1.421	ug/l	85
42) 1,2-Dichloroethane	8.252	62	2768	1.866	ug/l	94
52) Toluene	10.252	92	4830	1.403	ug/l	96

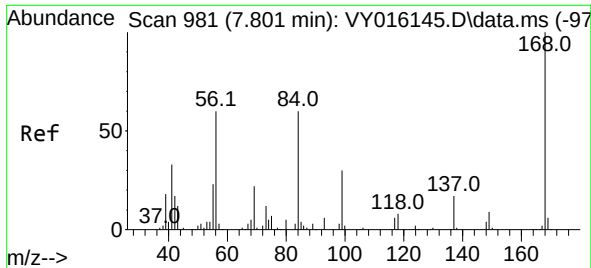
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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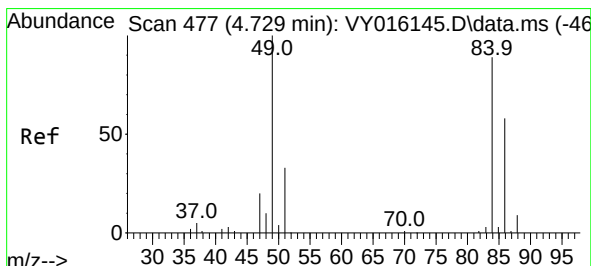
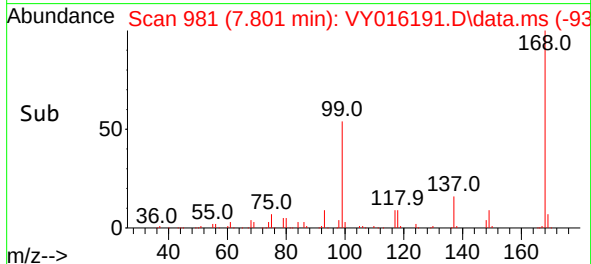
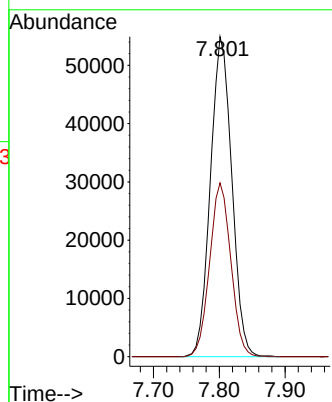
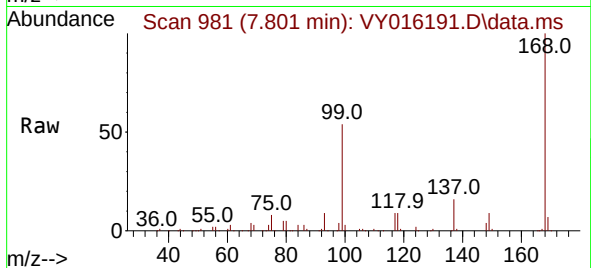




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

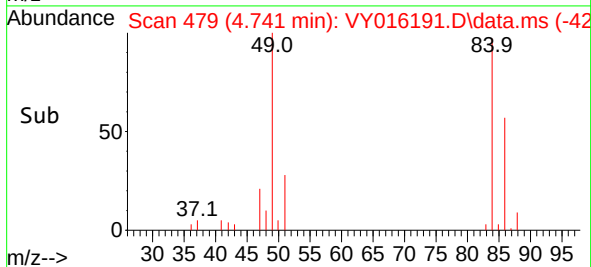
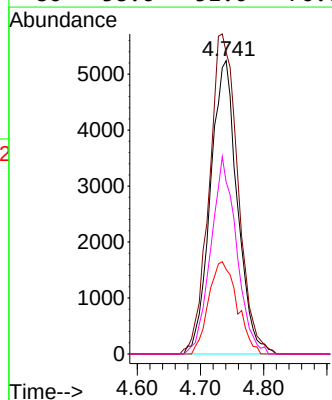
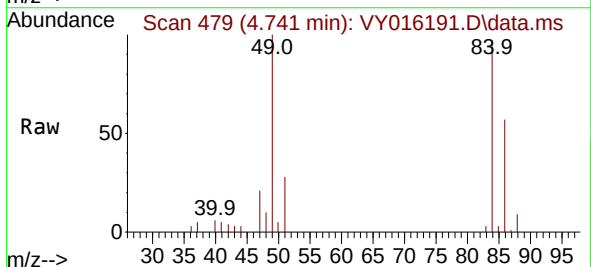
Instrument :
MSVOA_Y
ClientSampleId :
BLK

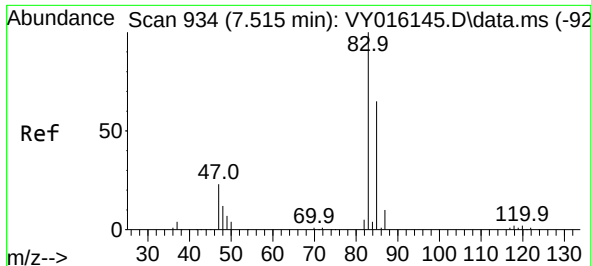
Tgt Ion:168 Resp: 124450
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#20
Methylene Chloride
Concen: 10.705 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 84 Resp: 15515
Ion Ratio Lower Upper
84 100
49 102.8 106.9 160.3#
51 28.8 33.2 49.8#
86 58.6 51.0 76.6

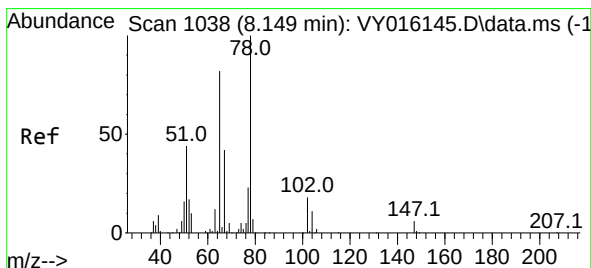
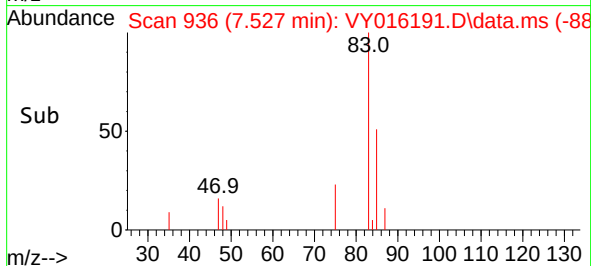
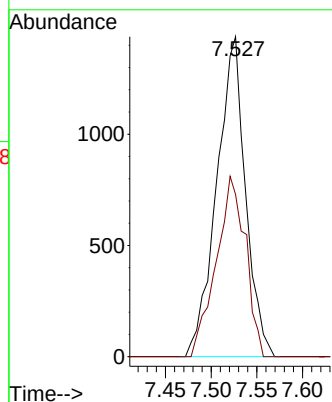
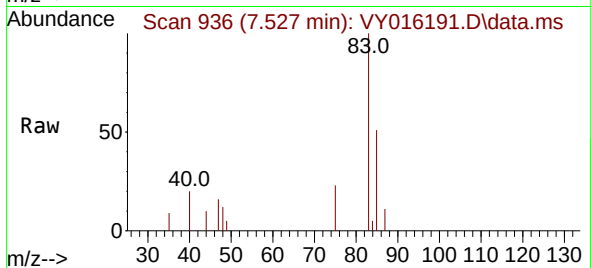




#30
Chloroform
Concen: 1.421 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

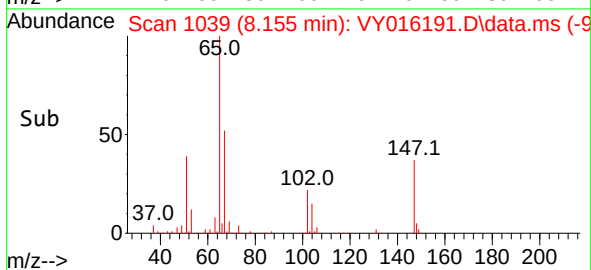
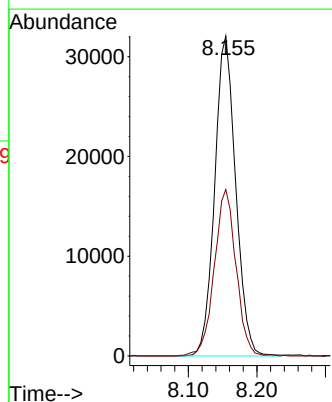
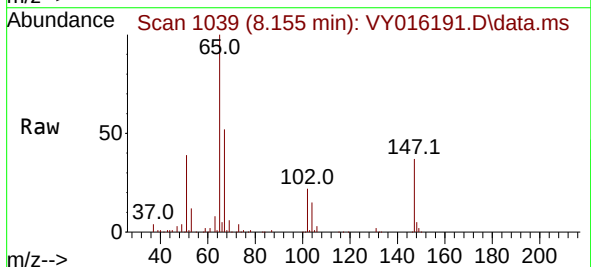
Instrument :
MSVOA_Y
ClientSampleId :
BLK

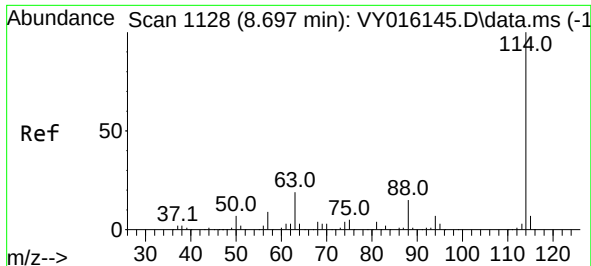
Tgt Ion: 83 Resp: 3155
Ion Ratio Lower Upper
83 100
85 50.7 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 58.554 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 65 Resp: 68187
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

BLK

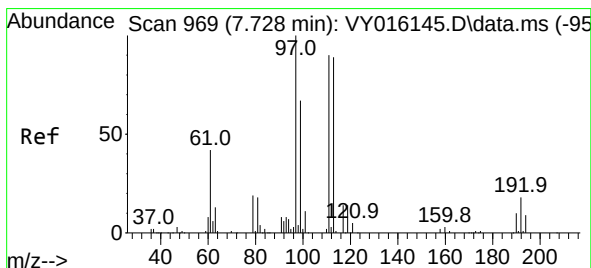
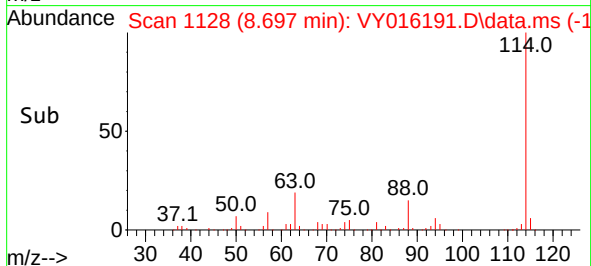
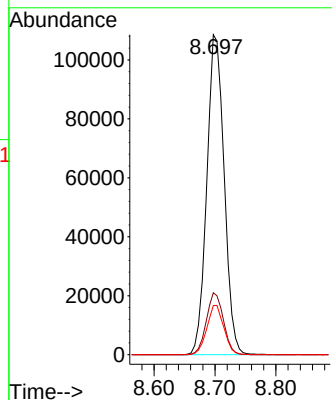
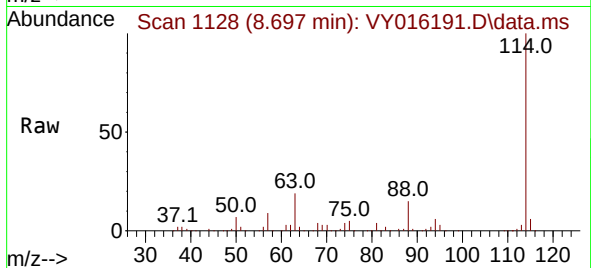
Tgt Ion:114 Resp: 215033

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.428 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

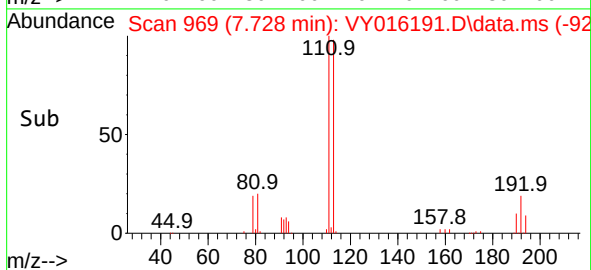
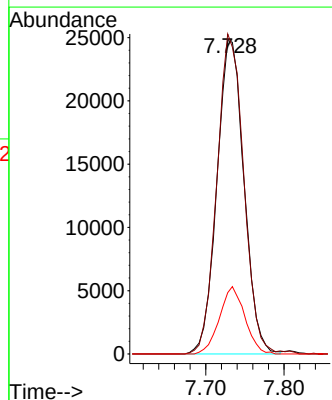
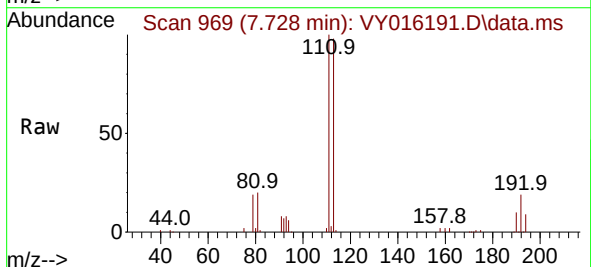
Tgt Ion:113 Resp: 59519

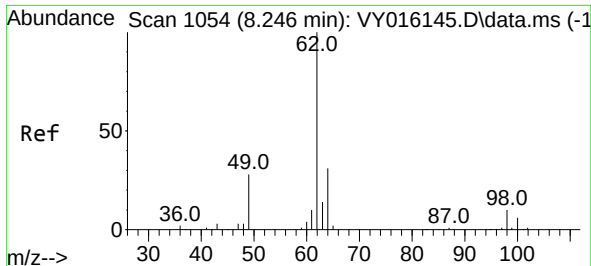
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

192 20.1 16.9 25.3





#42

1,2-Dichloroethane

Concen: 1.866 ug/l

RT: 8.252 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VY016191.D

Acq: 02 Nov 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

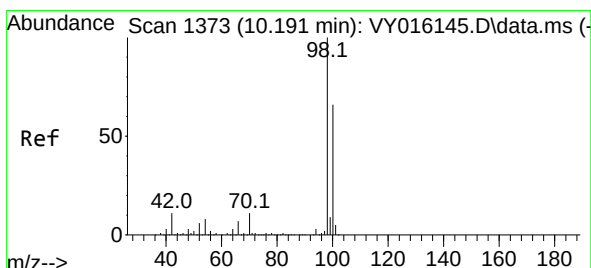
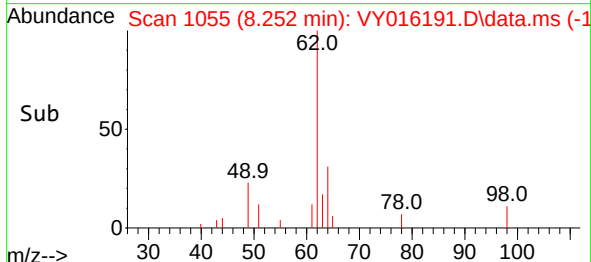
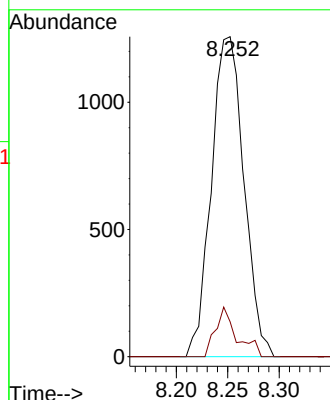
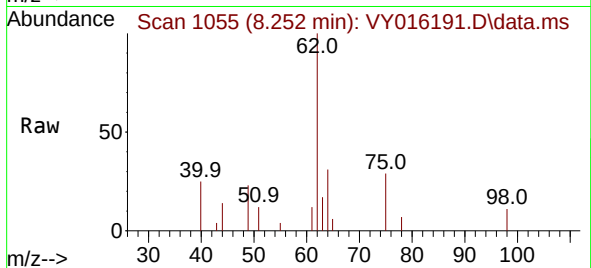
BLK

Tgt Ion: 62 Resp: 2768

Ion Ratio Lower Upper

62 100

98 10.0 0.0 15.8



#50

Toluene-d8

Concen: 49.637 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016191.D

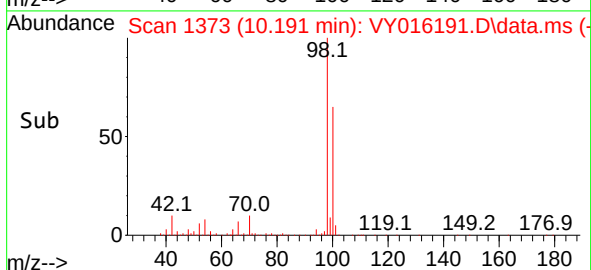
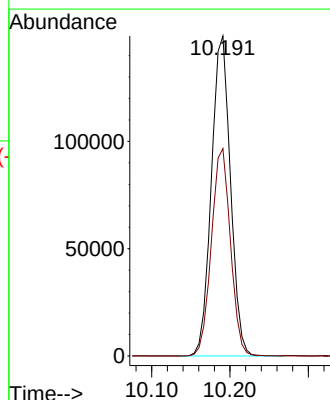
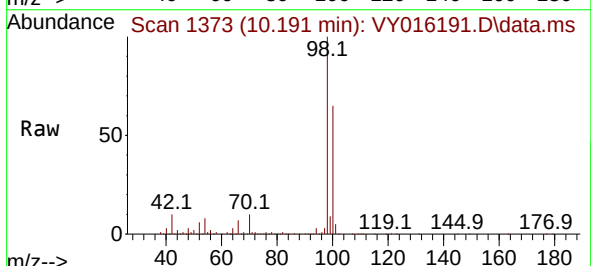
Acq: 02 Nov 2023 15:35

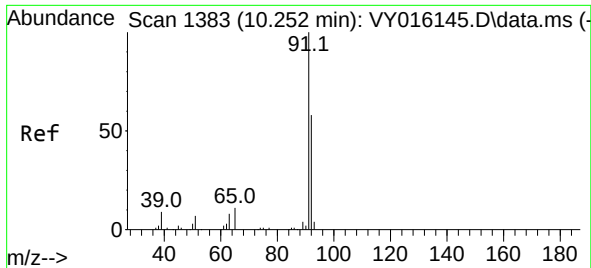
Tgt Ion: 98 Resp: 252291

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

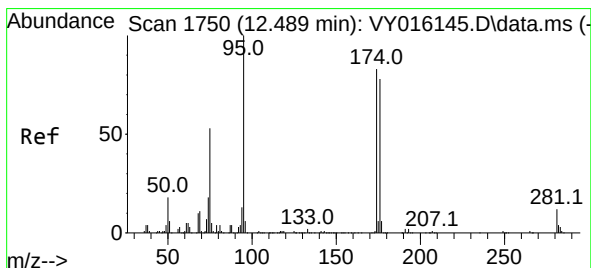
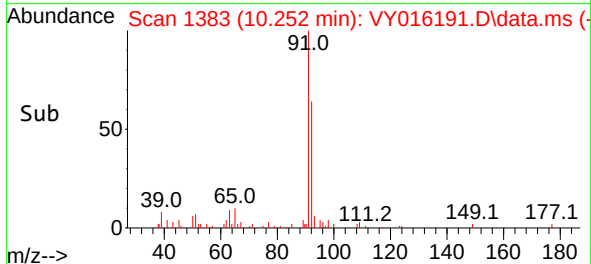
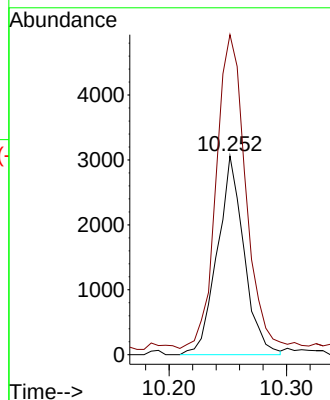
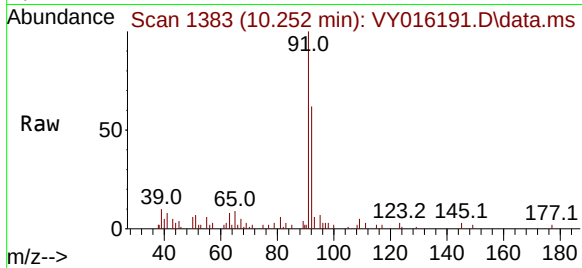




#52
Toluene
Concen: 1.403 ug/l
RT: 10.252 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

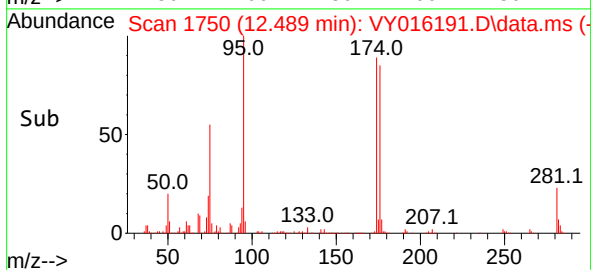
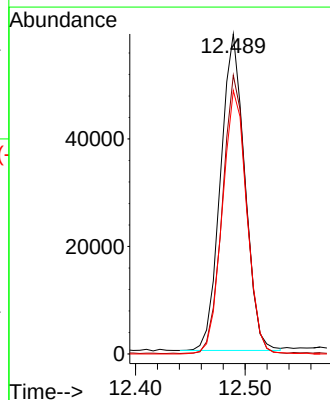
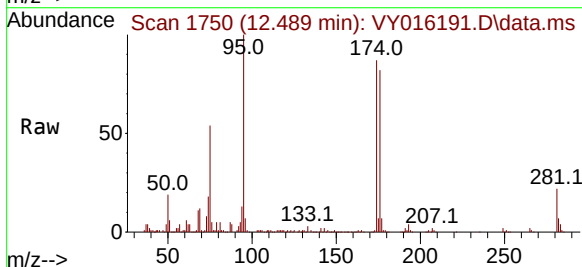
Instrument :
MSVOA_Y
ClientSampleId :
BLK

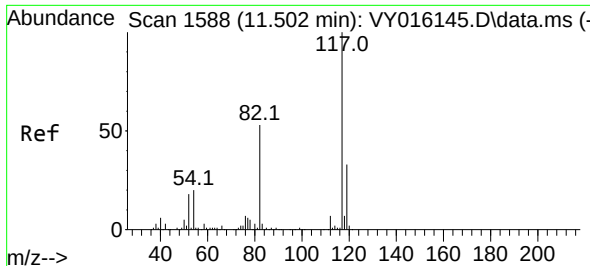
Tgt Ion: 92 Resp: 4830
Ion Ratio Lower Upper
92 100
91 174.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 52.144 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion: 95 Resp: 90628
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.9 0.0 173.8

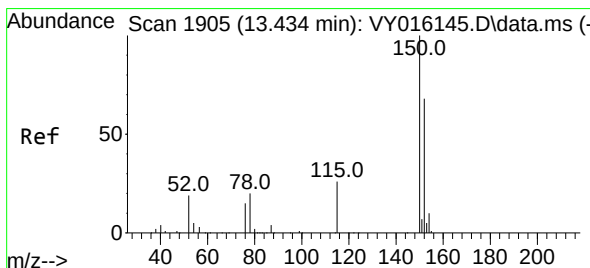
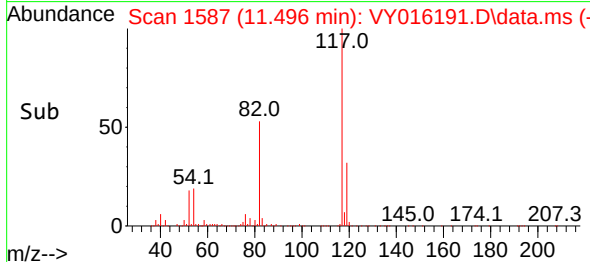
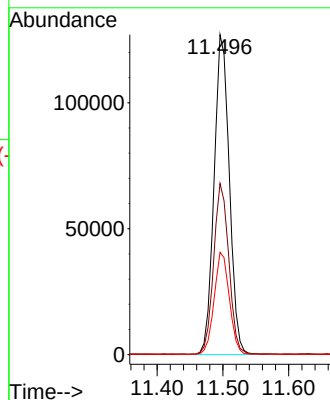
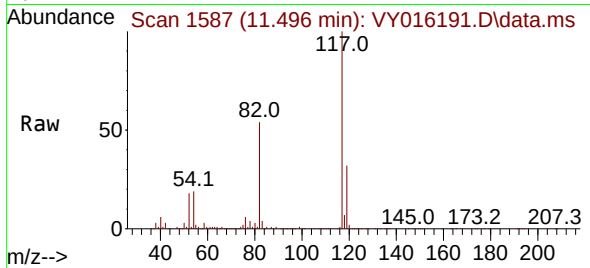




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 205294
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016191.D
Acq: 02 Nov 2023 15:35

Tgt Ion:152 Resp: 98629
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 153.6 0.0 348.8

