

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016169.D
 Acq On : 01 Nov 2023 15:26
 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 02 02:26:47 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)

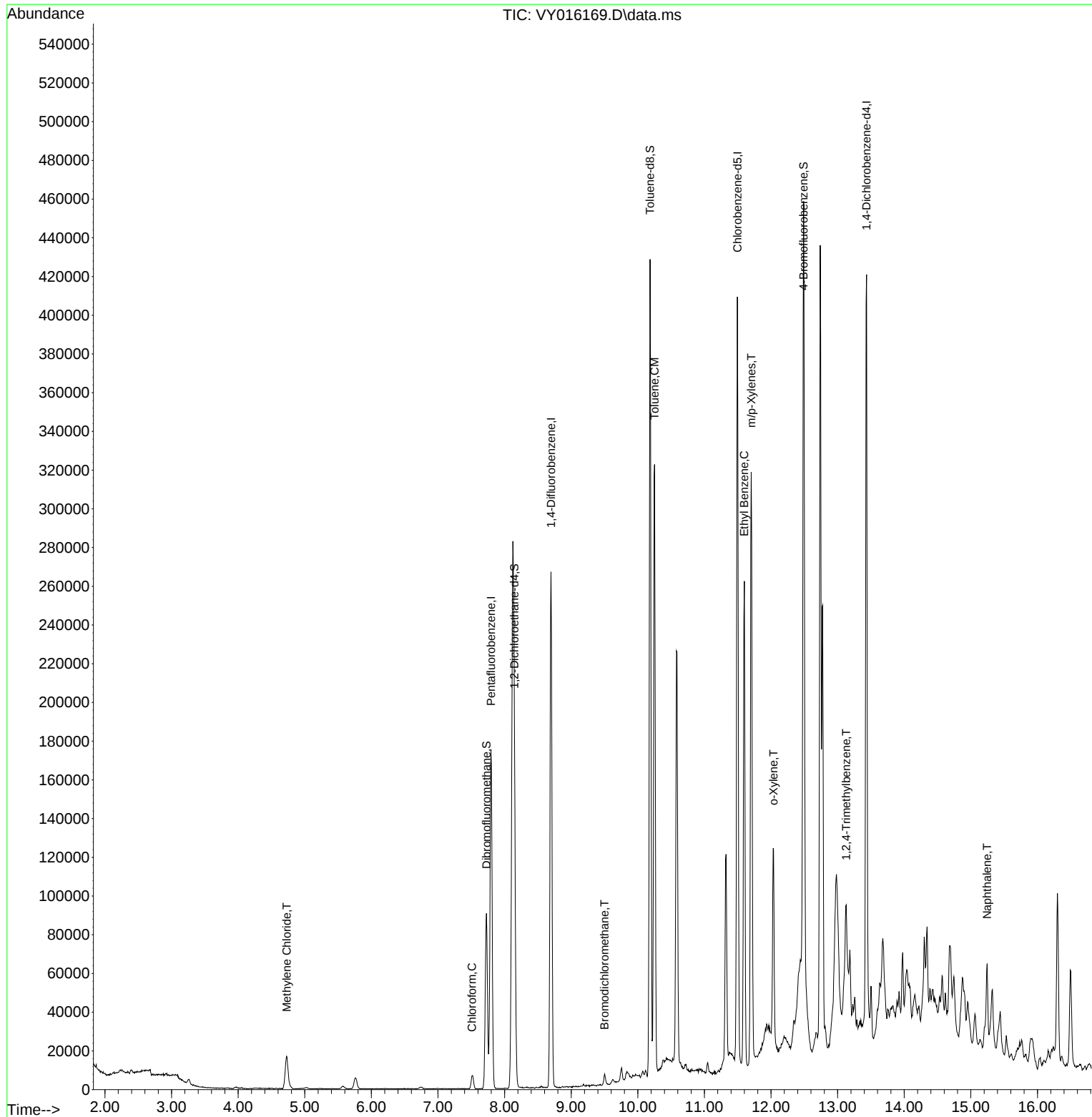
Internal Standards						
1) Pentafluorobenzene	7.795	168	139262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74843	57.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.728	113	64226	45.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.720%
50) Toluene-d8	10.185	98	274647	49.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.489	95	99182	52.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	12694	6.955	ug/l	89
30) Chloroform	7.509	83	7303	2.940	ug/l	93
47) Bromodichloromethane	9.502	83	3958	1.966	ug/l	93
52) Toluene	10.252	92	134748	35.816	ug/l	95
67) Ethyl Benzene	11.599	91	175760	22.577	ug/l	97
68) m/p-Xylenes	11.703	106	92788	30.845	ug/l	95
69) o-Xylene	12.038	106	27830	9.690	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	15626	2.494	ug/l	88
95) Naphthalene	15.245	128	31004	8.549	ug/l	98

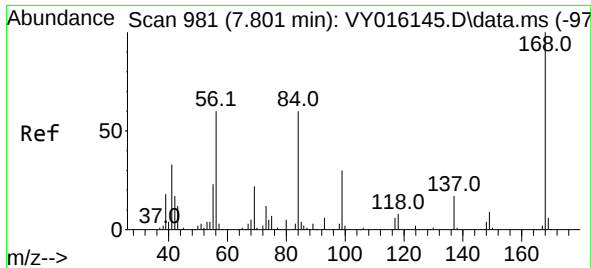
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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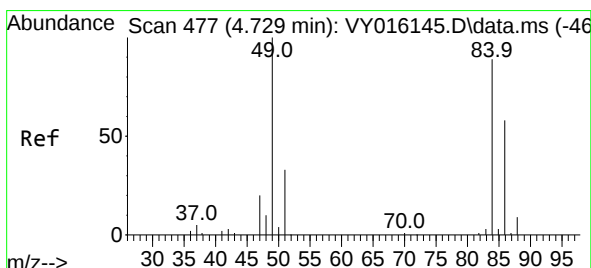
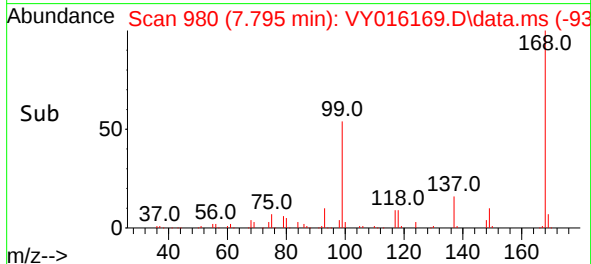
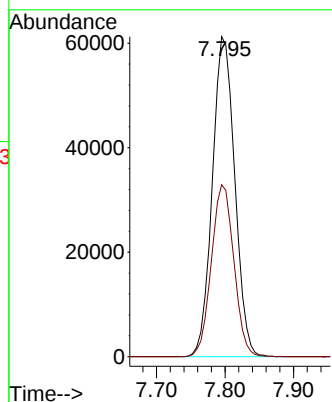
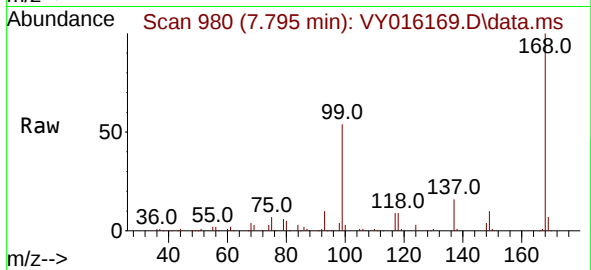




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

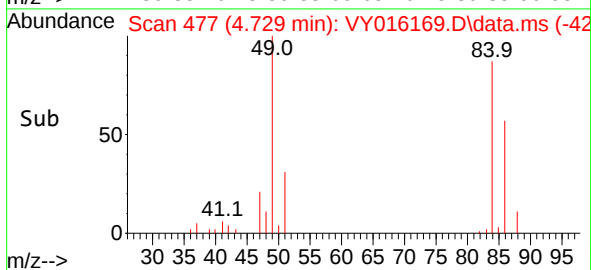
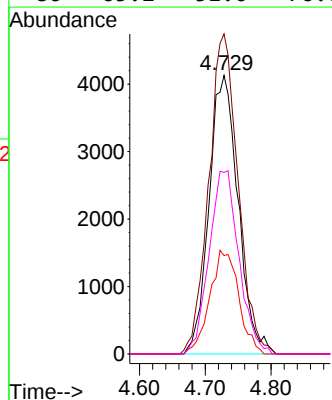
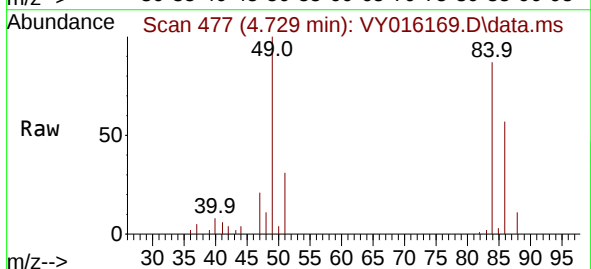
Instrument :
MSVOA_Y
ClientSampleId :
BLK

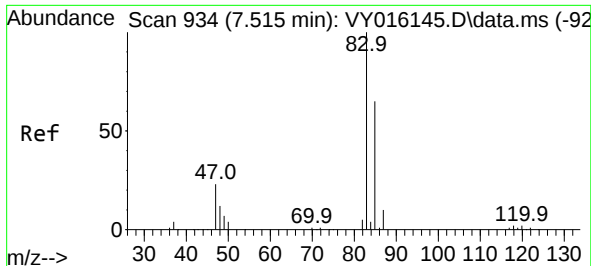
Tgt Ion:168 Resp: 139262
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.955 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

Tgt Ion: 84 Resp: 12694
Ion Ratio Lower Upper
84 100
49 114.9 106.9 160.3
51 35.4 33.2 49.8
86 65.2 51.0 76.6

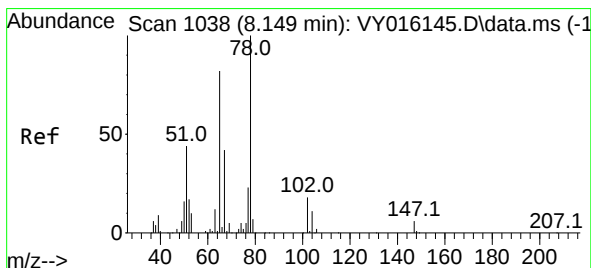
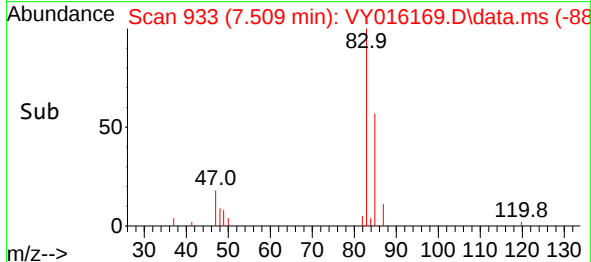
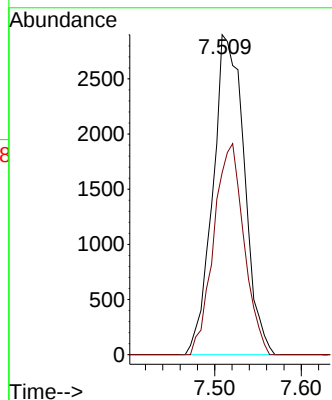
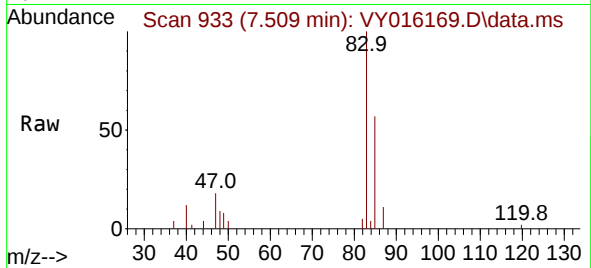




#30
Chloroform
Concen: 2.940 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

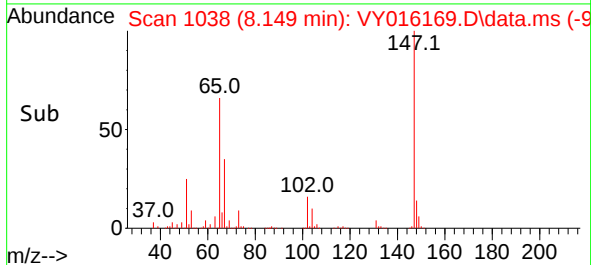
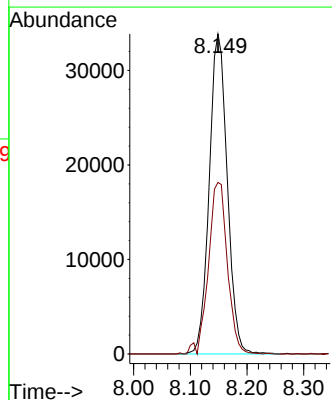
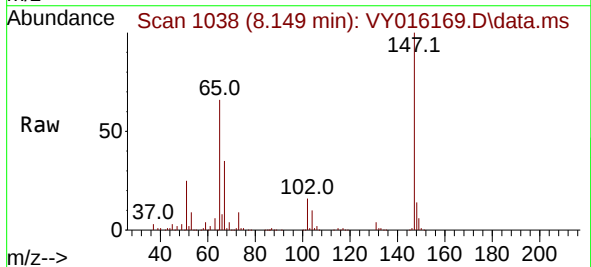
Instrument :
MSVOA_Y
ClientSampleId :
BLK

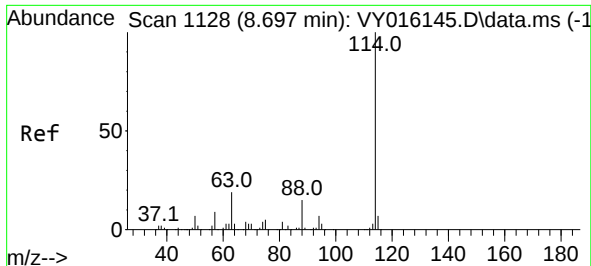
Tgt Ion: 83 Resp: 7303
Ion Ratio Lower Upper
83 100
85 56.8 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 57.434 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

Tgt Ion: 65 Resp: 74843
Ion Ratio Lower Upper
65 100
67 56.3 0.0 101.8

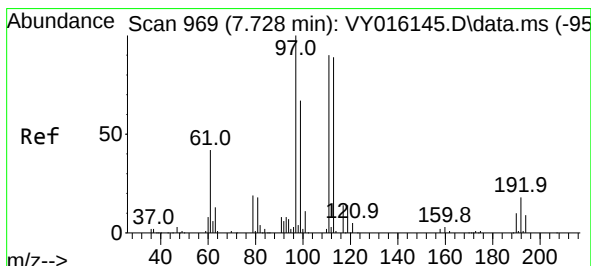
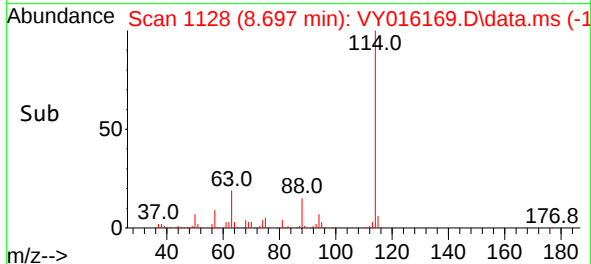
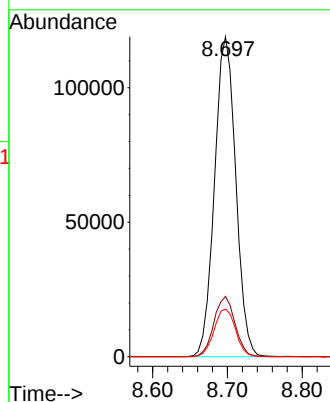
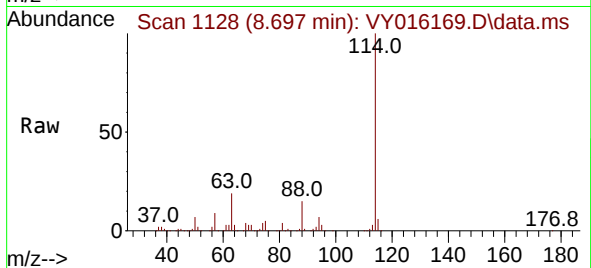




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

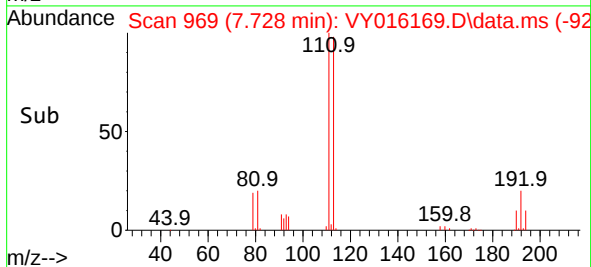
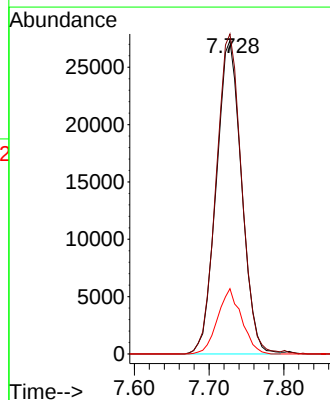
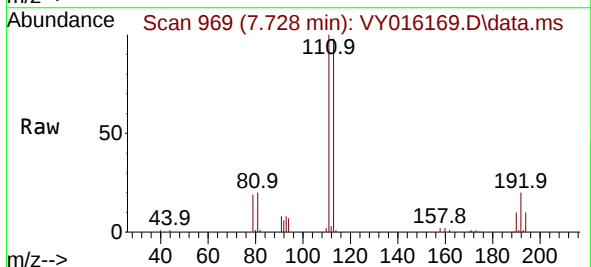
Instrument :
MSVOA_Y
ClientSampleId :
BLK

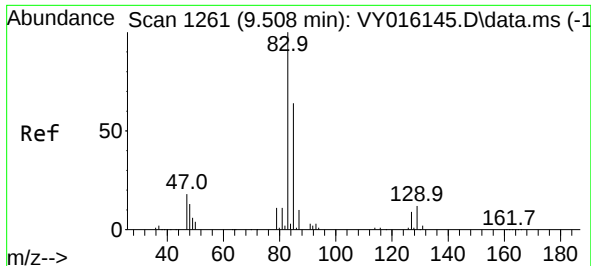
Tgt Ion:114 Resp: 234920
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.859 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

Tgt Ion:113 Resp: 64226
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.7 16.9 25.3

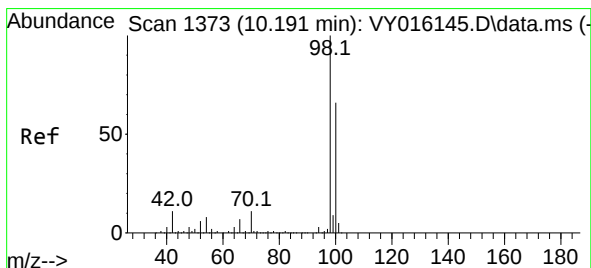
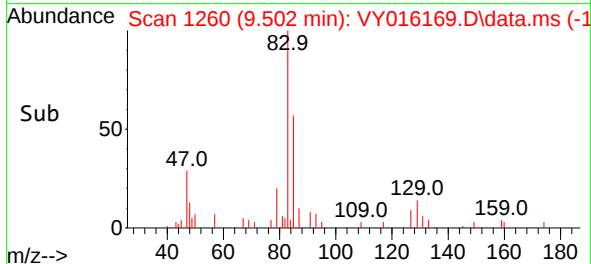
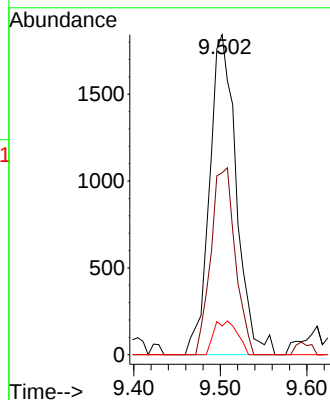
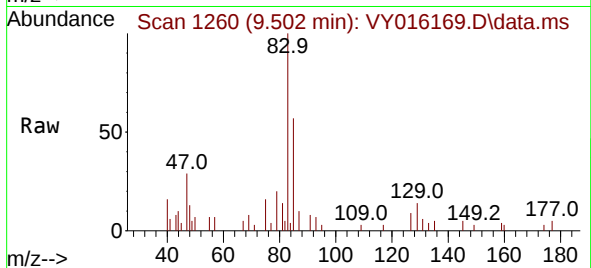




#47
Bromodichloromethane
Concen: 1.966 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

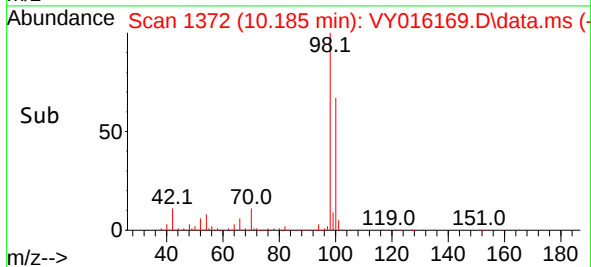
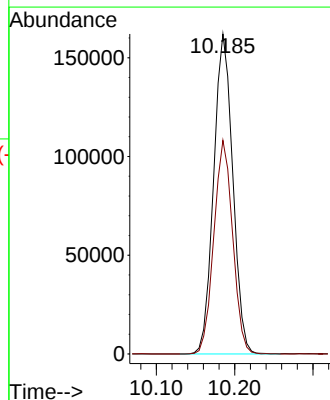
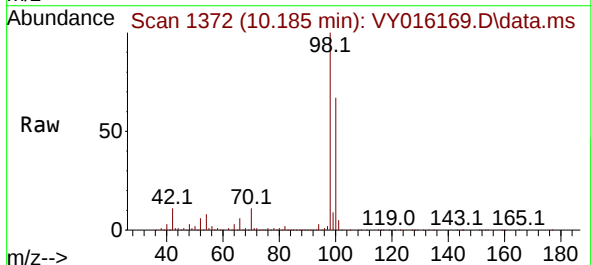
Instrument :
MSVOA_Y
ClientSampleId :
BLK

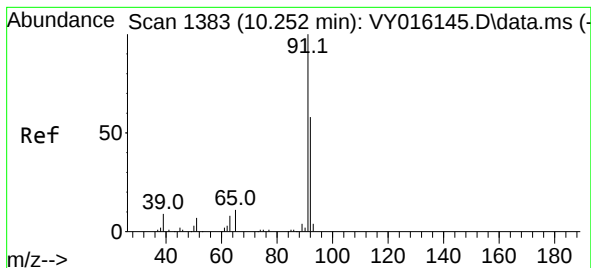
Tgt Ion: 83 Resp: 3958
Ion Ratio Lower Upper
83 100
85 56.9 50.1 75.1
127 9.0 7.1 10.7



#50
Toluene-d8
Concen: 49.461 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

Tgt Ion: 98 Resp: 274647
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





#52

Toluene

Concen: 35.816 ug/l

RT: 10.252 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016169.D

Acq: 01 Nov 2023 15:26

Instrument :

MSVOA_Y

ClientSampleId :

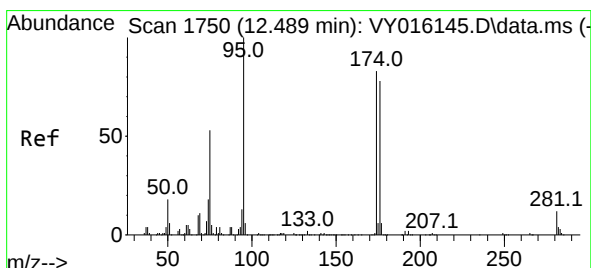
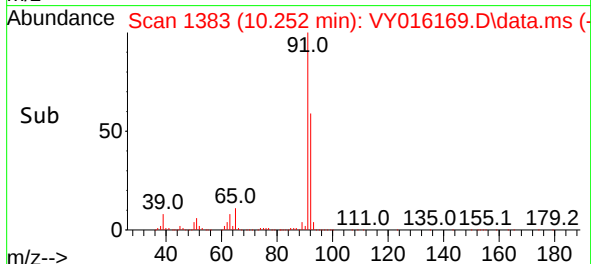
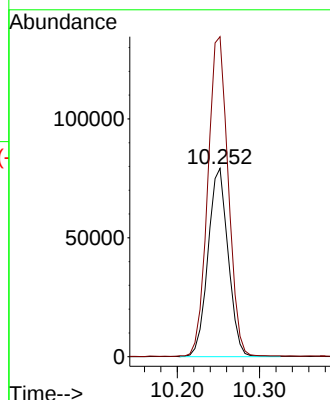
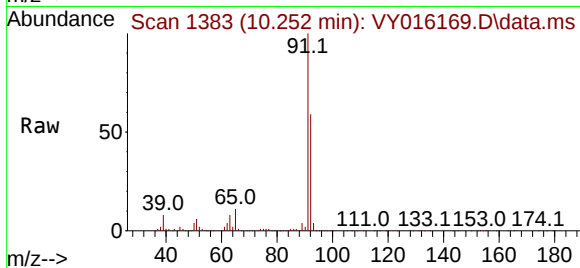
BLK

Tgt Ion: 92 Resp: 134748

Ion Ratio Lower Upper

92 100

91 172.5 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 52.235 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016169.D

Acq: 01 Nov 2023 15:26

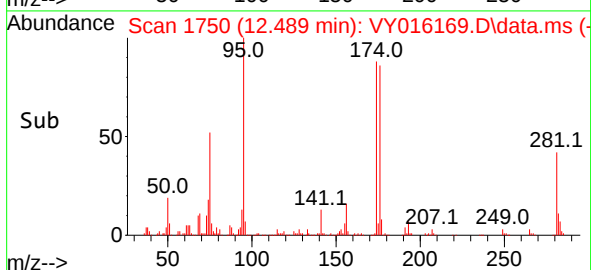
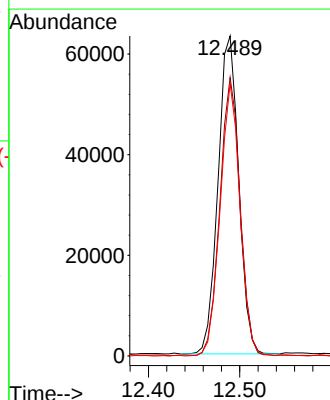
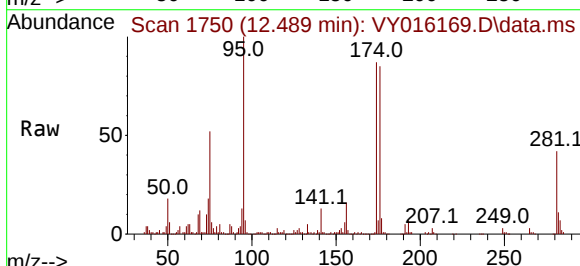
Tgt Ion: 95 Resp: 99182

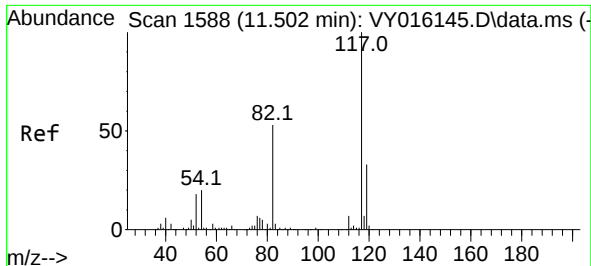
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 82.8 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: VY016169.D

Acq: 01 Nov 2023 15:26

Instrument :

MSVOA_Y

ClientSampleId :

BLK

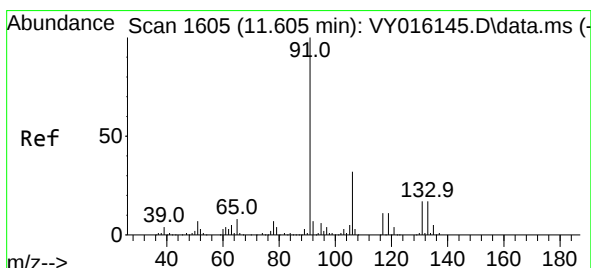
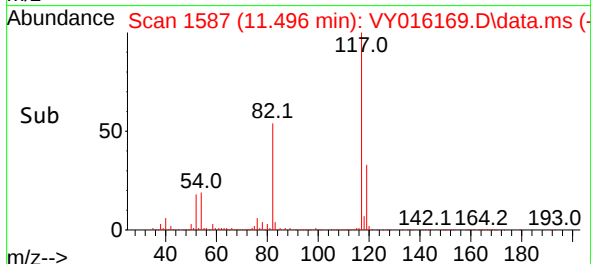
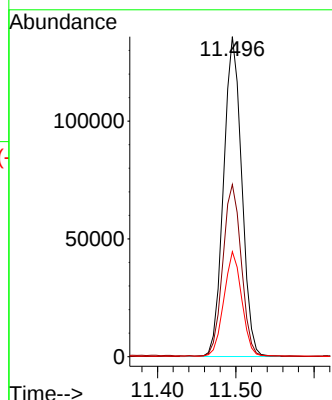
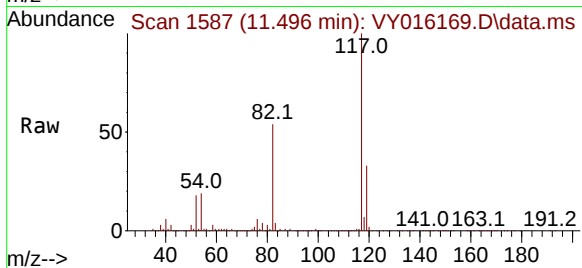
Tgt Ion:117 Resp: 219070

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.7 26.3 39.5



#67

Ethyl Benzene

Concen: 22.577 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016169.D

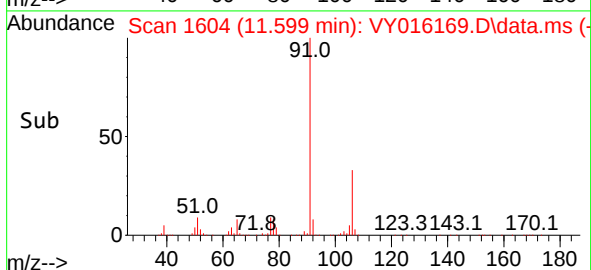
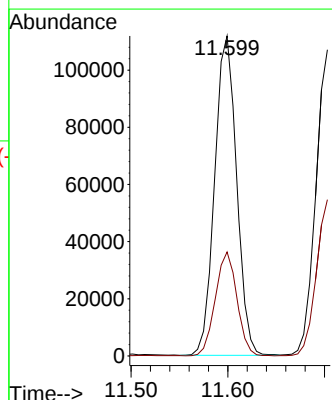
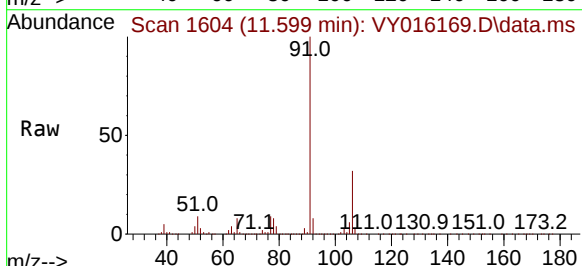
Acq: 01 Nov 2023 15:26

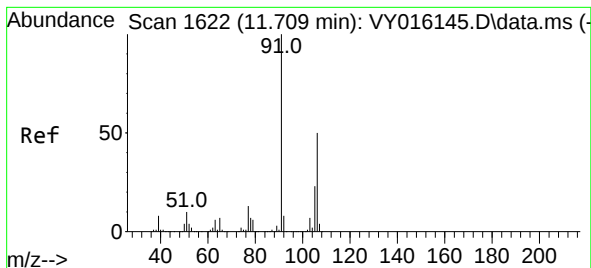
Tgt Ion: 91 Resp: 175760

Ion Ratio Lower Upper

91 100

106 32.5 24.6 36.8

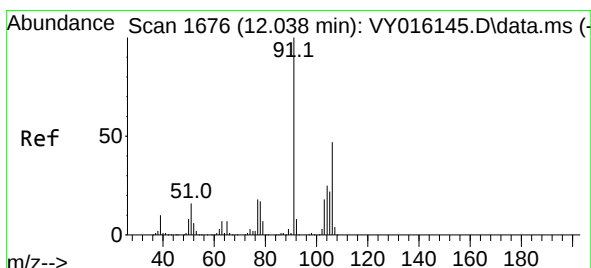
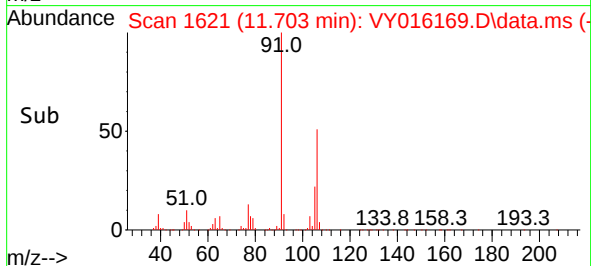
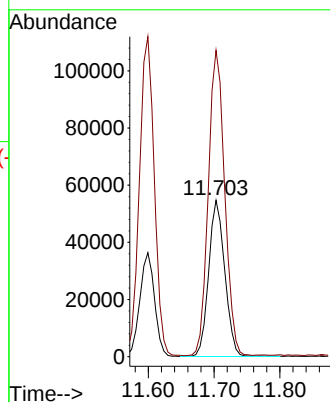
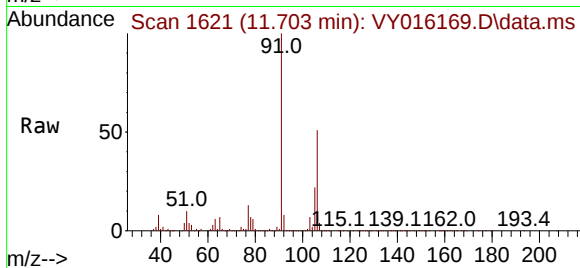




#68
m/p-Xylenes
Concen: 30.845 ug/l
RT: 11.703 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

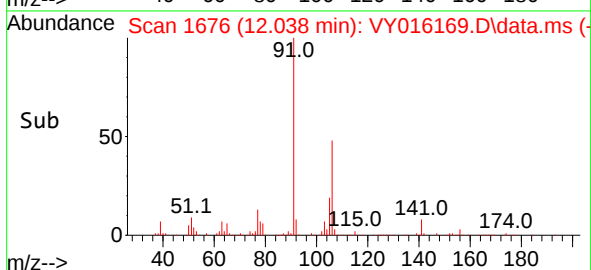
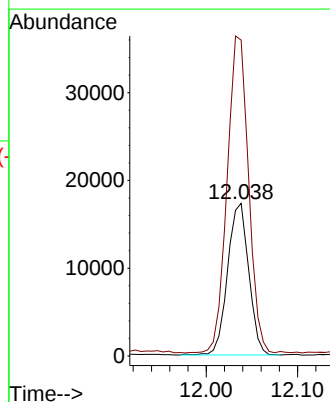
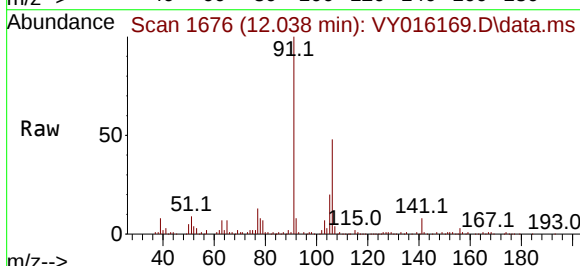
Instrument :
MSVOA_Y
ClientSampleId :
BLK

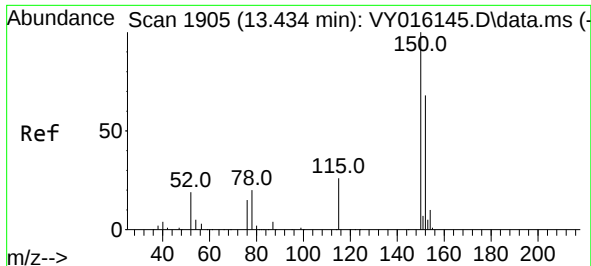
Tgt Ion:106 Resp: 92788
Ion Ratio Lower Upper
106 100
91 199.4 166.1 249.1



#69
o-Xylene
Concen: 9.690 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016169.D
Acq: 01 Nov 2023 15:26

Tgt Ion:106 Resp: 27830
Ion Ratio Lower Upper
106 100
91 210.9 108.1 324.3

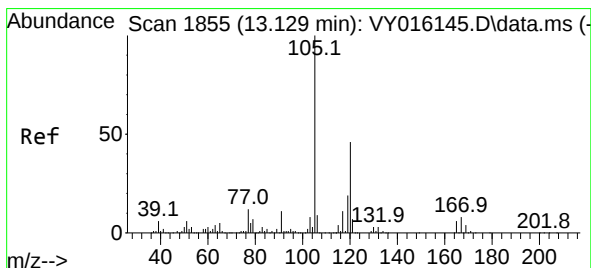
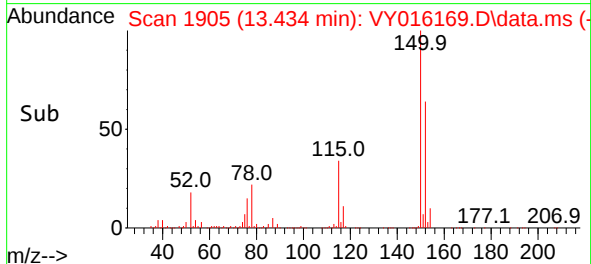
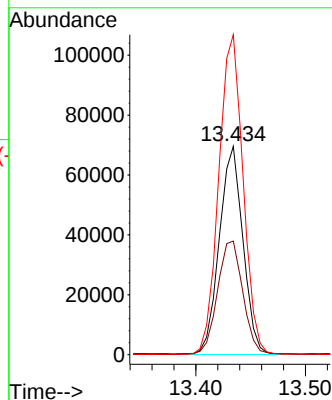
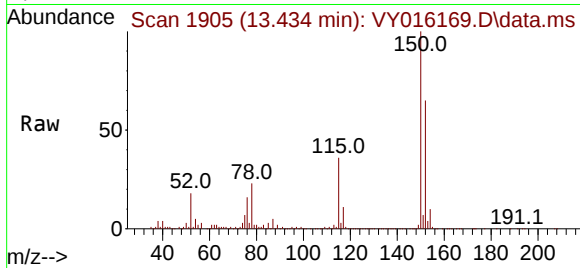




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016169.D
 Acq: 01 Nov 2023 15:26

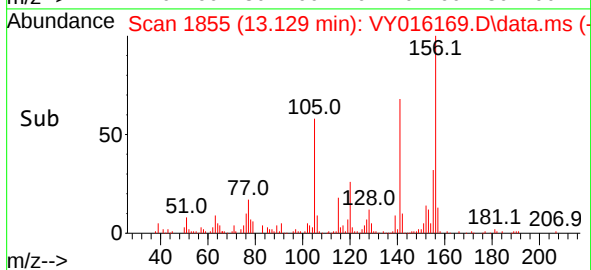
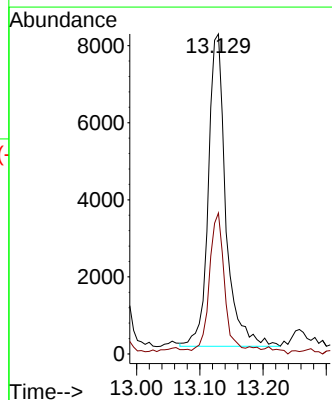
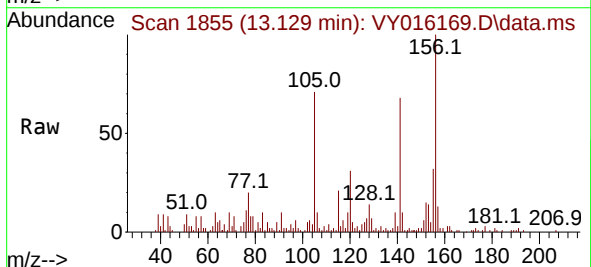
Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

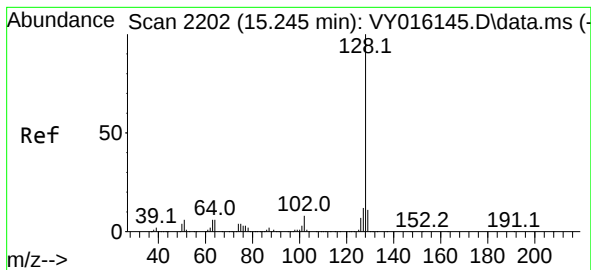
Tgt Ion:152 Resp: 104203
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 157.5 0.0 348.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.494 ug/l
 RT: 13.129 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: VY016169.D
 Acq: 01 Nov 2023 15:26

Tgt Ion:105 Resp: 15626
 Ion Ratio Lower Upper
 105 100
 120 36.7 22.2 66.6





#95

Naphthalene

Concen: 8.549 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY016169.D

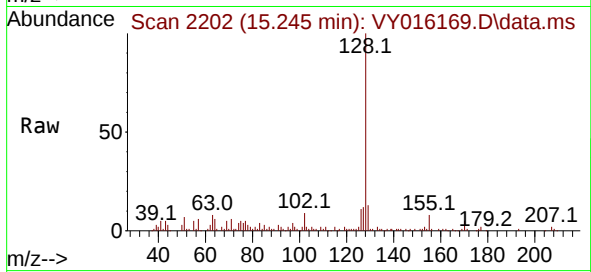
Acq: 01 Nov 2023 15:26

Instrument :

MSVOA_Y

ClientSampleId :

BLK



Tgt Ion:128 Resp: 31004

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 12.3 8.6 13.0

