

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009484.D
 Acq On : 08 Jul 2022 15:49
 Operator : KP/MD
 Sample : N3595-04
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220488A-6A

Quant Time: Jul 11 02:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

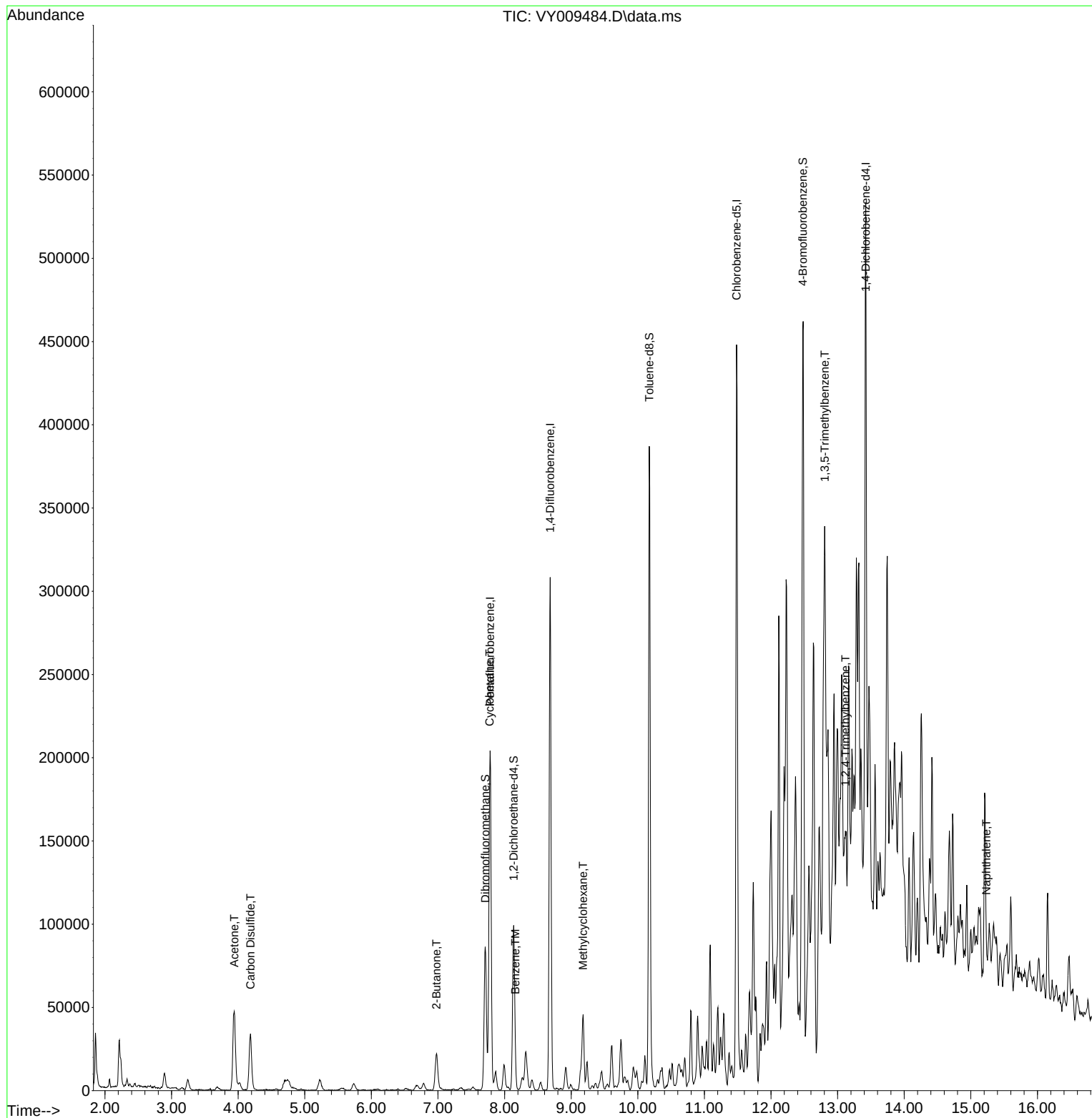
Internal Standards						
1) Pentafluorobenzene	7.783	168	158572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	235889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70981	65.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.120%
35) Dibromofluoromethane	7.710	113	59300	43.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.800%
50) Toluene-d8	10.173	98	236039	66.398	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	132.800%#
62) 4-Bromofluorobenzene	12.477	95	83426	43.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	87.500%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	87574	227.023	ug/l	96
17) Carbon Disulfide	4.186	76	64429	18.046	ug/l	98
25) 2-Butanone	6.978	43	30405	48.724	ug/l #	88
31) Cyclohexane	7.777	56	7431	2.856	ug/l #	60
39) Methylcyclohexane	9.179	83	13969	5.292	ug/l	97
40) Benzene	8.161	78	11157	1.728	ug/l	92
80) 1,3,5-Trimethylbenzene	12.806	105	11101	1.736	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	15588	2.449	ug/l	99
95) Naphthalene	15.233	128	5616	1.322	ug/l #	62

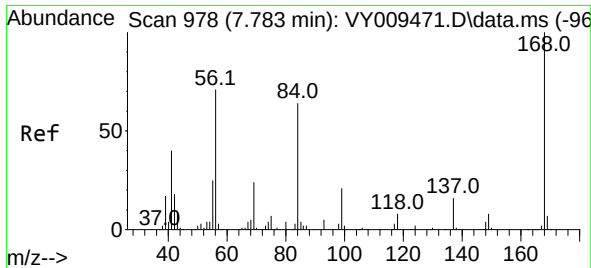
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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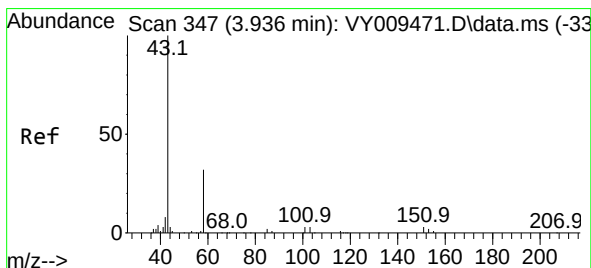
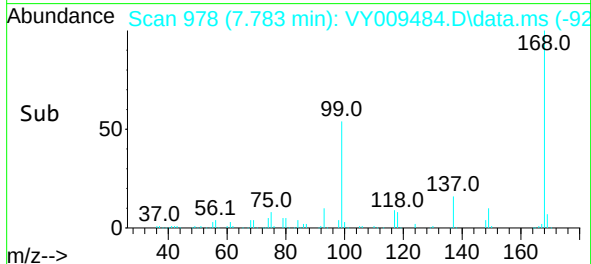
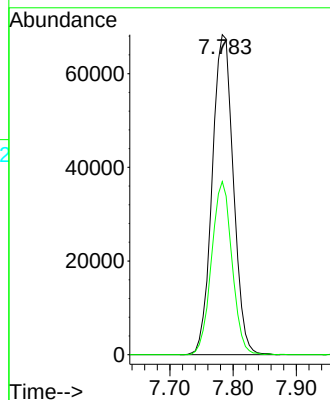
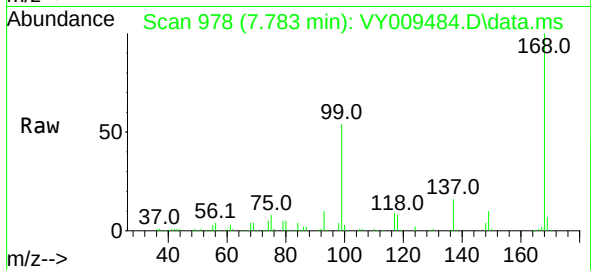




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

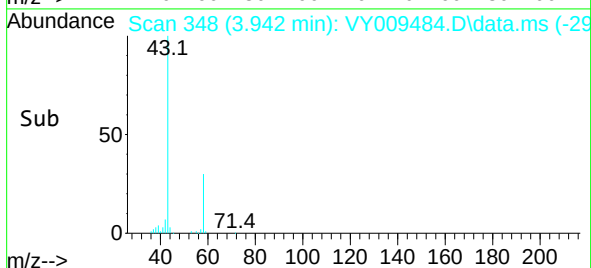
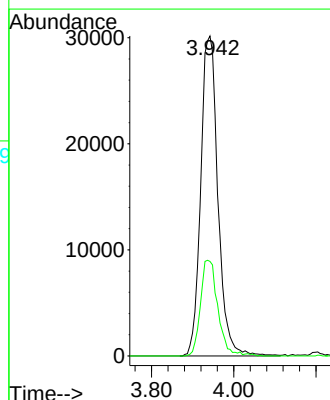
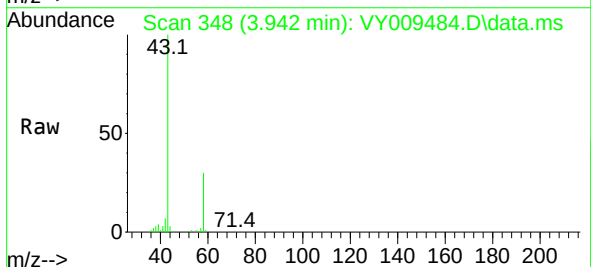
Instrument :
MSVOA_Y
ClientSampleId :
20220488A-6A

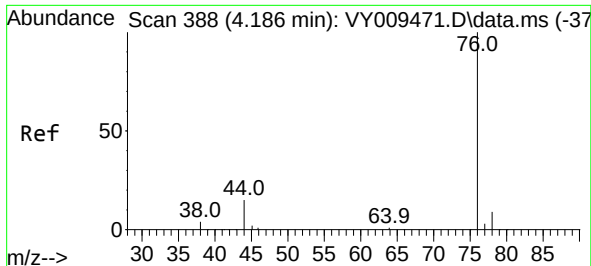
Tgt Ion:168 Resp: 158572
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 227.023 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

Tgt Ion: 43 Resp: 87574
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0

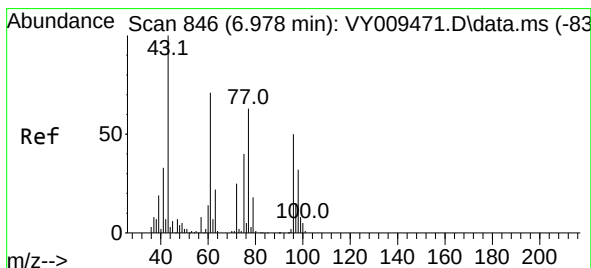
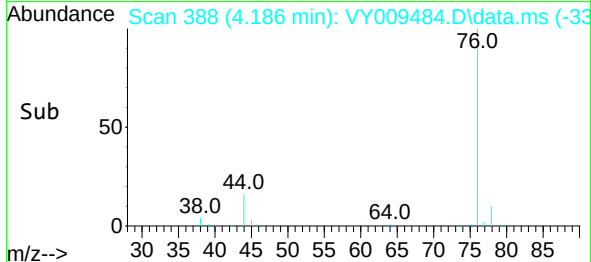
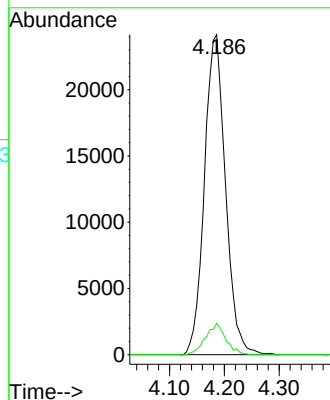
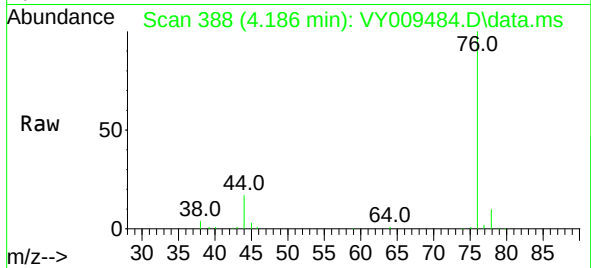




#17
Carbon Disulfide
Concen: 18.046 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

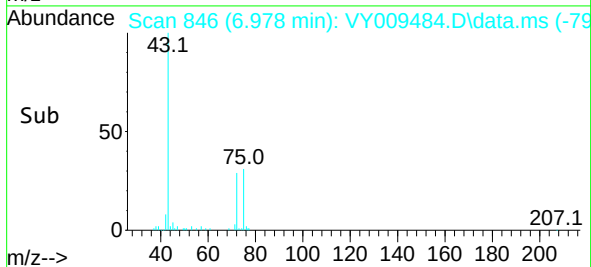
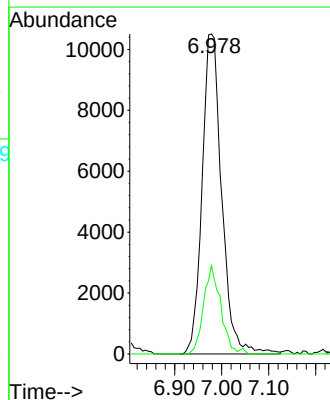
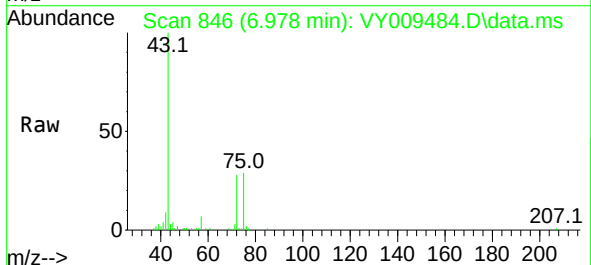
Instrument :
MSVOA_Y
ClientSampleId :
20220488A-6A

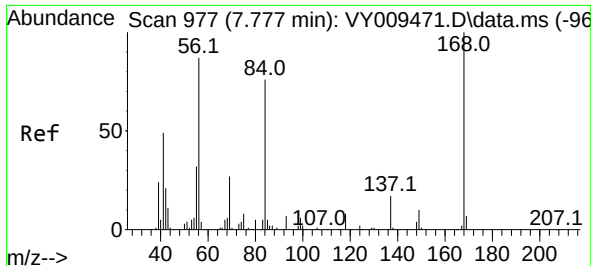
Tgt Ion: 76 Resp: 64429
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#25
2-Butanone
Concen: 48.724 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

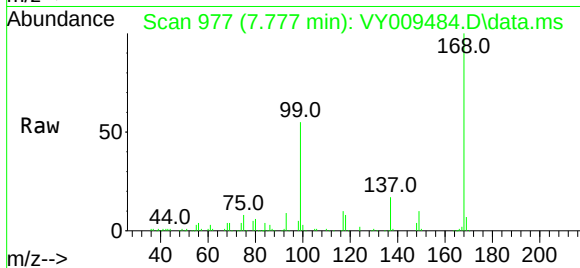
Tgt Ion: 43 Resp: 30405
Ion Ratio Lower Upper
43 100
72 27.6 17.7 26.5#



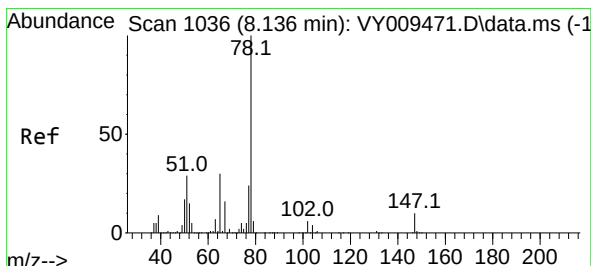
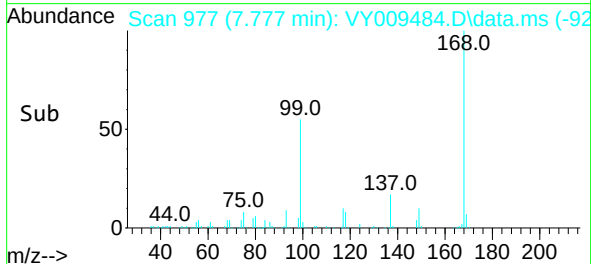
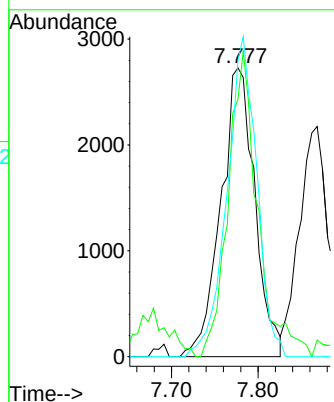


#31
Cyclohexane
Concen: 2.856 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
20220488A-6A

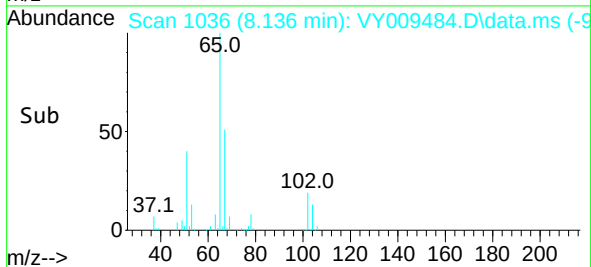
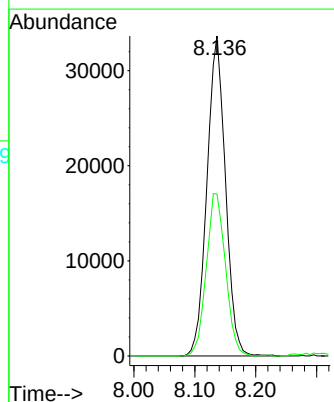
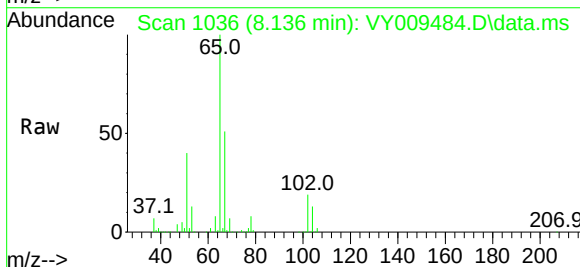


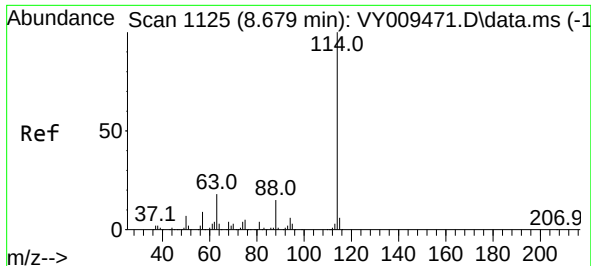
Tgt Ion: 56 Resp: 7431
Ion Ratio Lower Upper
56 100
69 84.1 26.7 40.1#
84 102.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.562 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

Tgt Ion: 65 Resp: 70981
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009484.D

Acq: 08 Jul 2022 15:49

Instrument :

MSVOA_Y

ClientSampleId :

20220488A-6A

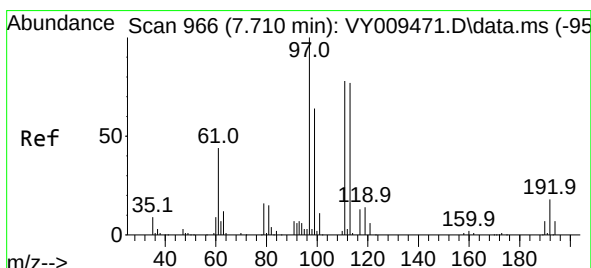
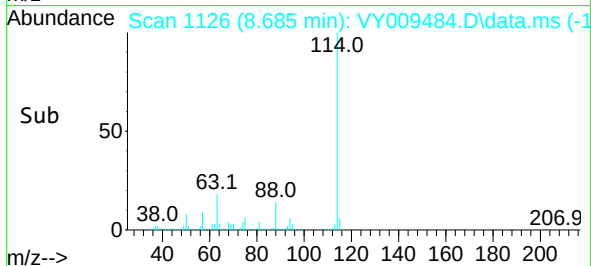
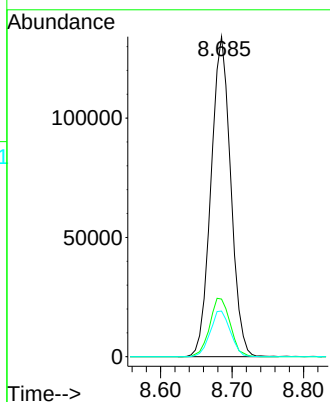
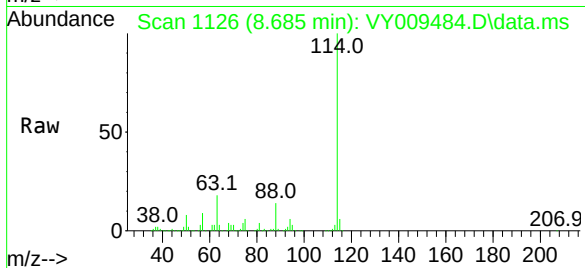
Tgt Ion:114 Resp: 256716

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.901 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009484.D

Acq: 08 Jul 2022 15:49

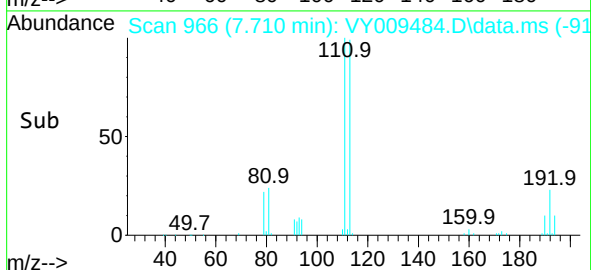
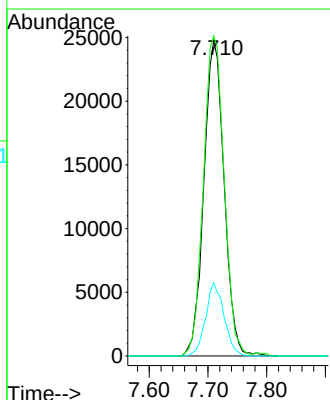
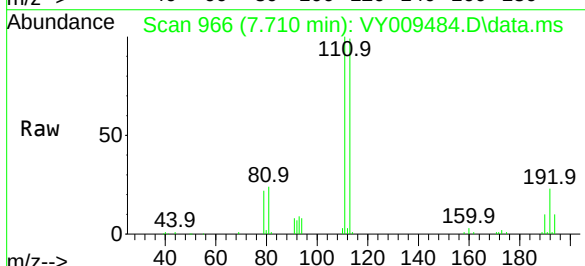
Tgt Ion:113 Resp: 59300

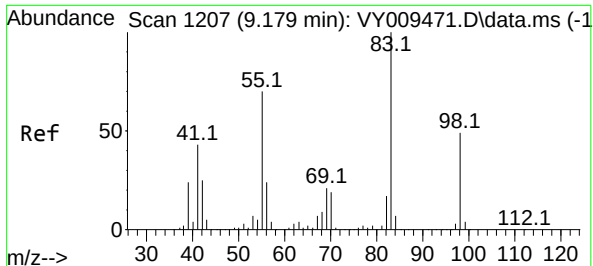
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 21.2 17.6 26.4





#39

Methylcyclohexane

Concen: 5.292 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009484.D

Acq: 08 Jul 2022 15:49

Instrument :

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ClientSampleId :

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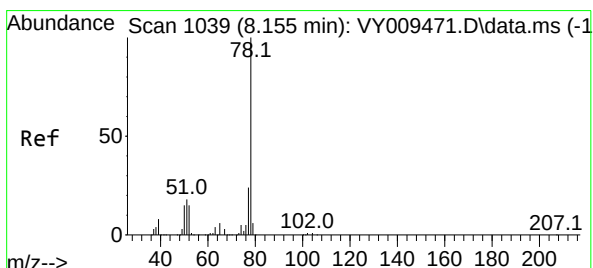
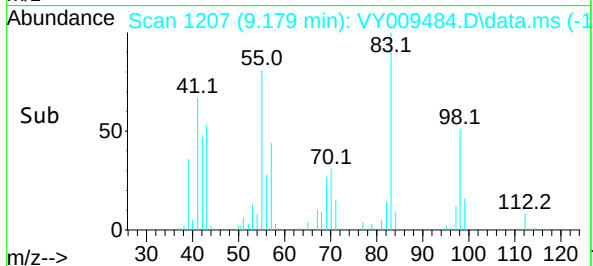
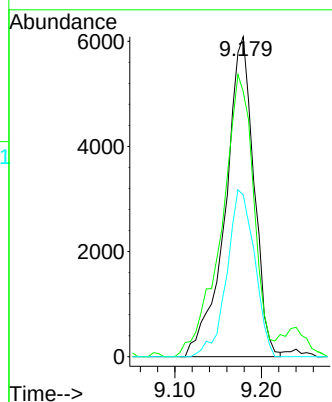
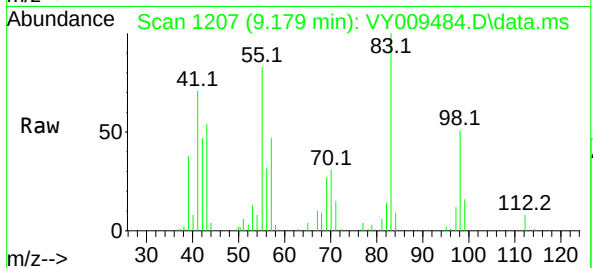
Tgt Ion: 83 Resp: 13969

Ion Ratio Lower Upper

83 100

55 81.5 66.5 99.7

98 50.5 37.9 56.9



#40

Benzene

Concen: 1.728 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY009484.D

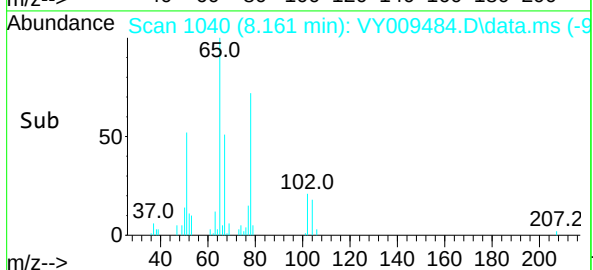
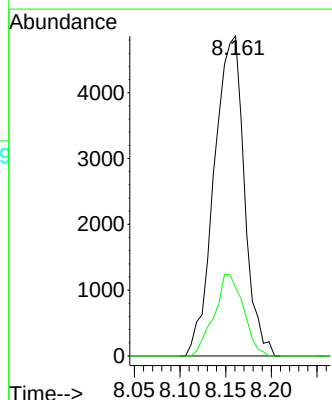
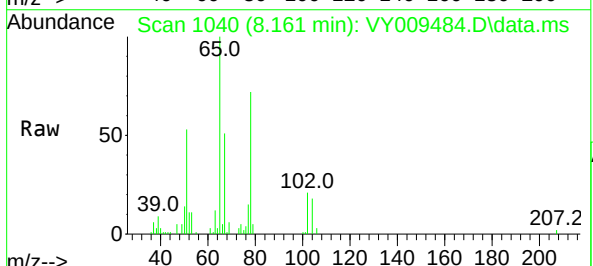
Acq: 08 Jul 2022 15:49

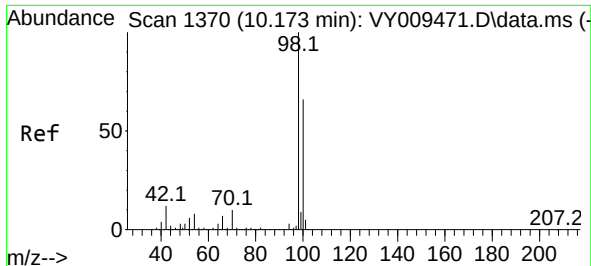
Tgt Ion: 78 Resp: 11157

Ion Ratio Lower Upper

78 100

77 21.4 20.4 30.6

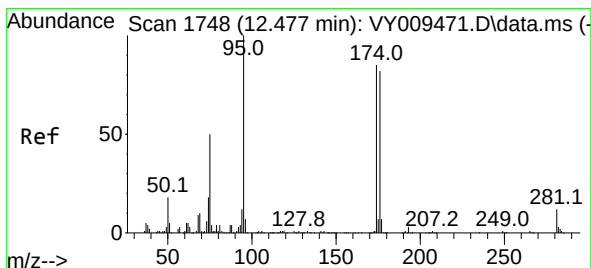
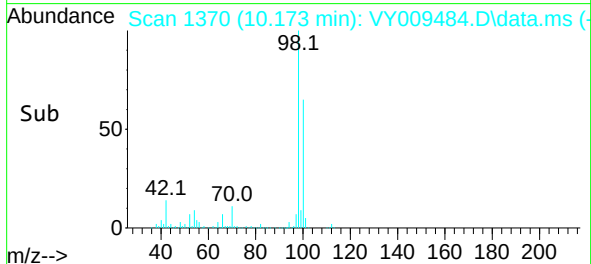
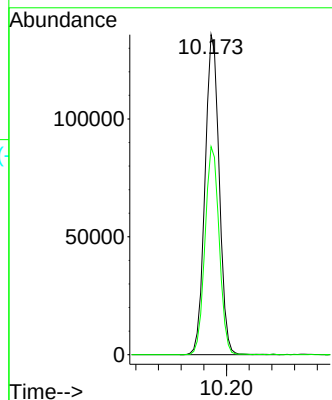
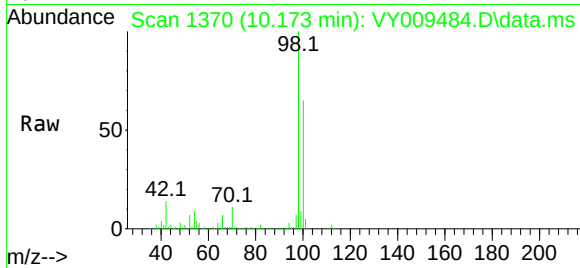




#50
Toluene-d8
Concen: 66.398 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

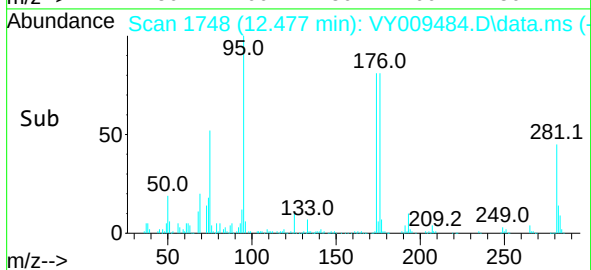
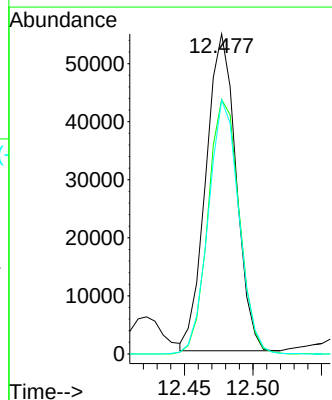
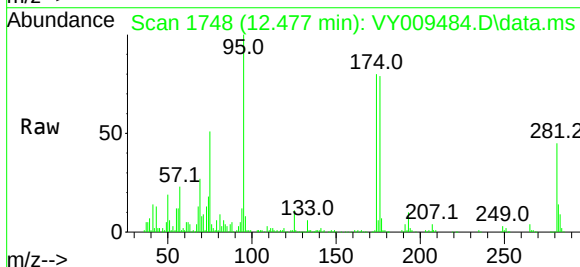
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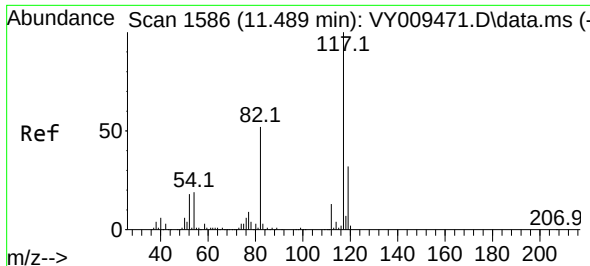
Tgt Ion: 98 Resp: 236039
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.754 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

Tgt Ion: 95 Resp: 83426
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 81.3 0.0 175.8

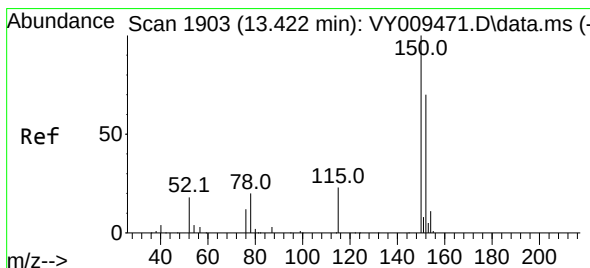
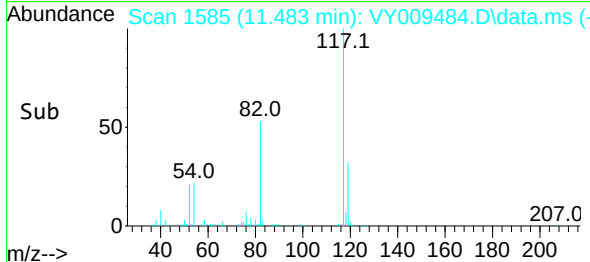
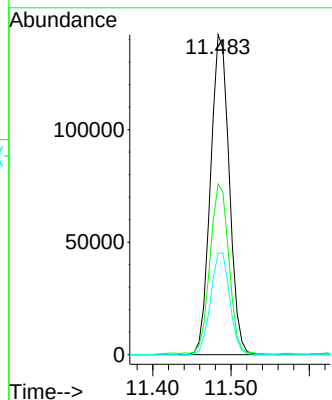
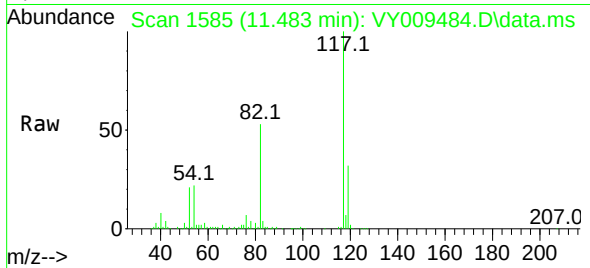




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

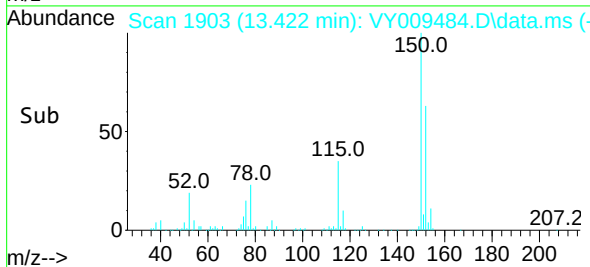
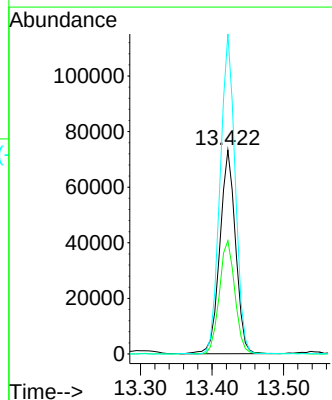
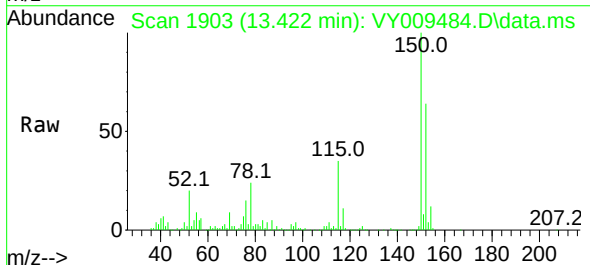
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20220488A-6A

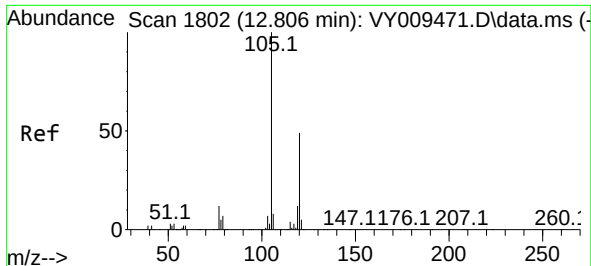
Tgt Ion:117 Resp: 235889
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

Tgt Ion:152 Resp: 111847
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 150.6 0.0 347.6

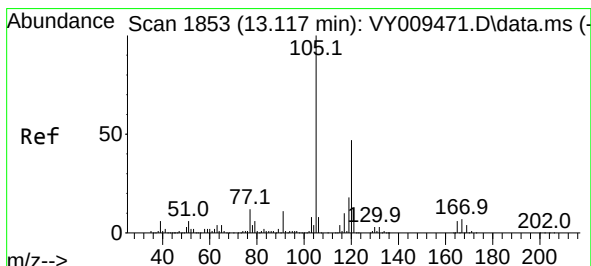
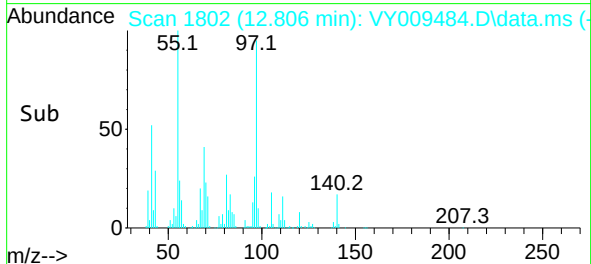
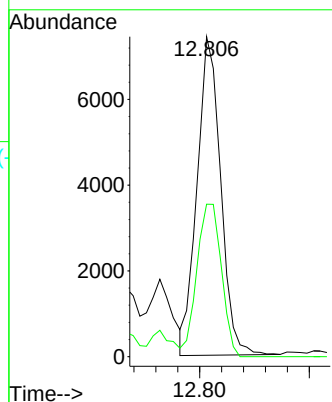
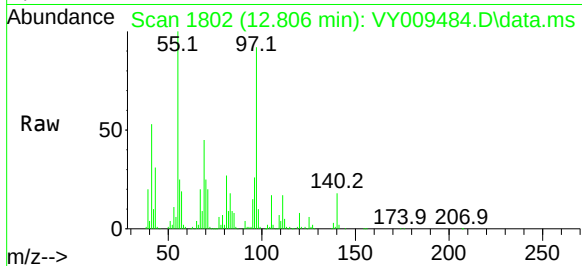




#80
 1,3,5-Trimethylbenzene
 Concen: 1.736 ug/l
 RT: 12.806 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: VY009484.D
 Acq: 08 Jul 2022 15:49

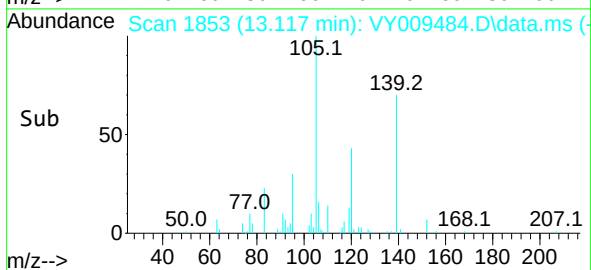
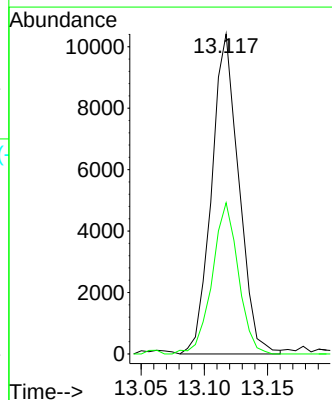
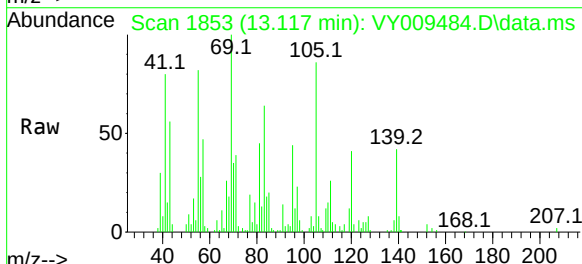
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220488A-6A

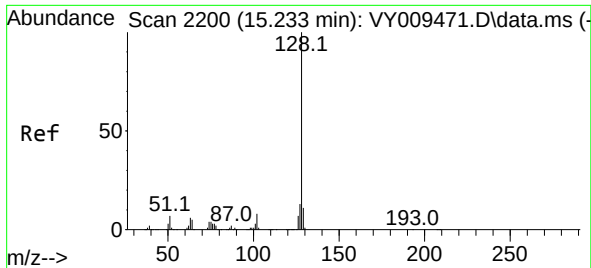
Tgt Ion:105 Resp: 11101
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.449 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY009484.D
 Acq: 08 Jul 2022 15:49

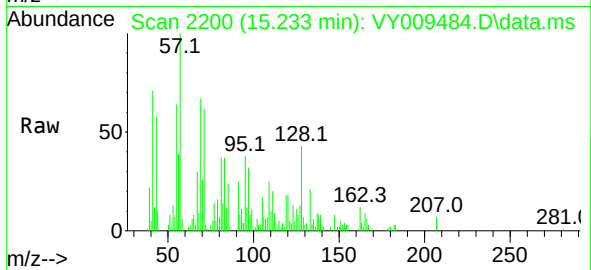
Tgt Ion:105 Resp: 15588
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.9





#95
Naphthalene
Concen: 1.322 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009484.D
Acq: 08 Jul 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
20220488A-6A



Tgt Ion:128 Resp: 5616
Ion Ratio Lower Upper
128 100
127 34.0 11.0 16.4#
129 19.1 8.4 12.6#

