

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009488.D
 Acq On : 08 Jul 2022 17:23
 Operator : KP/MD
 Sample : N3595-08
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220489B-7B

Quant Time: Jul 11 02:15:31 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)

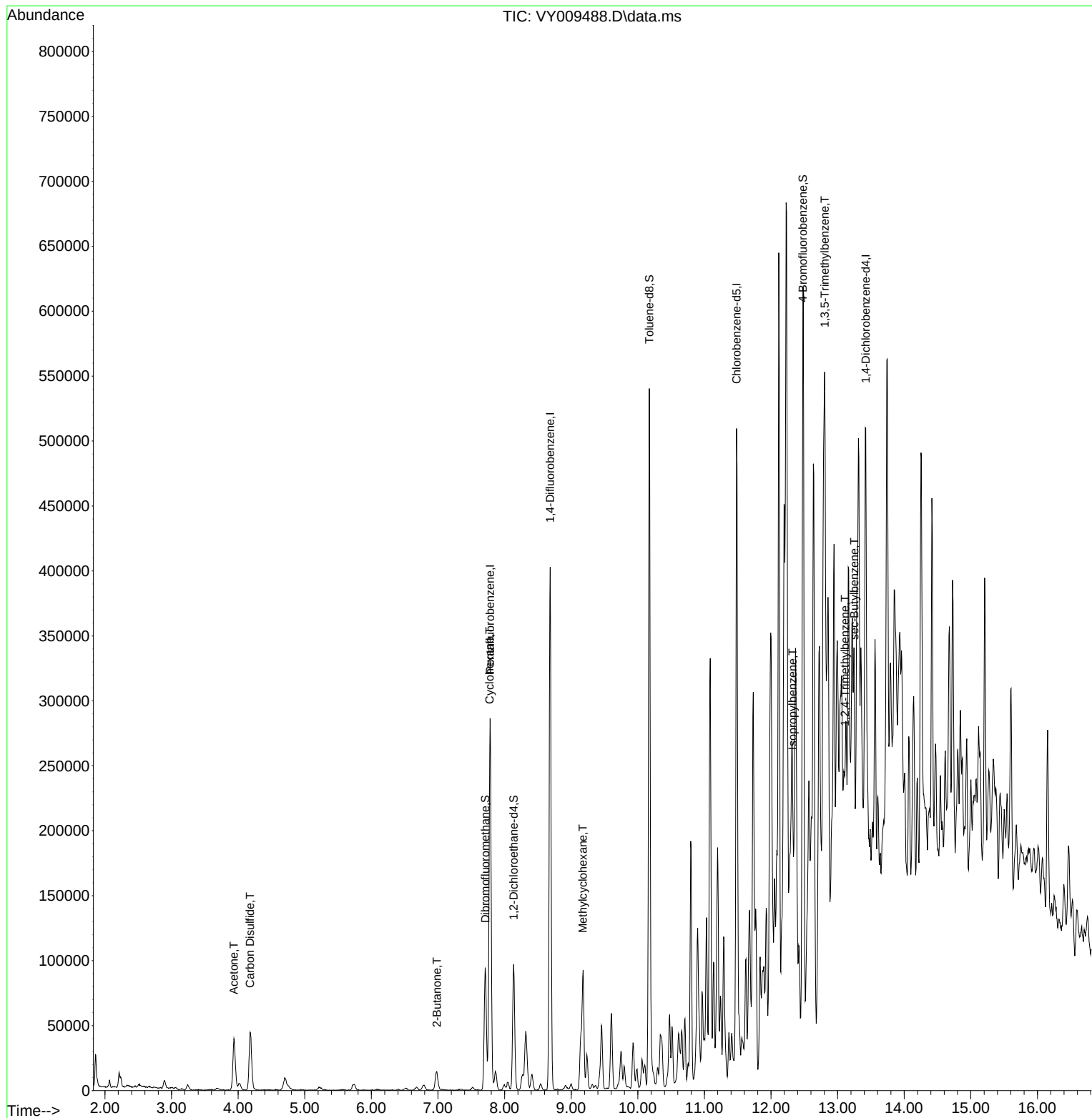
Internal Standards						
1) Pentafluorobenzene	7.783	168	219045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	261057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69598	44.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.760%
35) Dibromofluoromethane	7.710	113	64073	36.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.080%
50) Toluene-d8	10.173	98	269105	56.227	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.460%
62) 4-Bromofluorobenzene	12.477	95	90119	35.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	71.840%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	66635	125.052	ug/l	93
17) Carbon Disulfide	4.180	76	88165	17.918	ug/l	99
25) 2-Butanone	6.984	43	20336	23.592	ug/l	99
31) Cyclohexane	7.777	56	8342	2.321	ug/l #	42
39) Methylcyclohexane	9.173	83	35146	10.117	ug/l	97
73) Isopropylbenzene	12.325	105	9879	1.546	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	11535	2.160	ug/l	96
84) 1,2,4-Trimethylbenzene	13.111	105	12537	2.358	ug/l	97
85) sec-Butylbenzene	13.251	105	16008	2.288	ug/l #	62

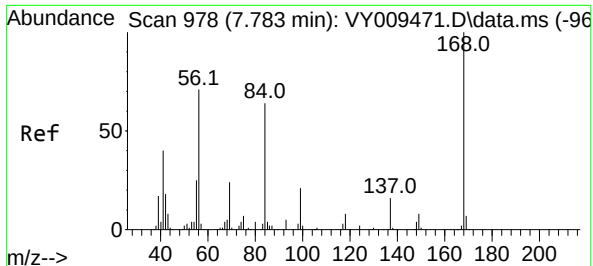
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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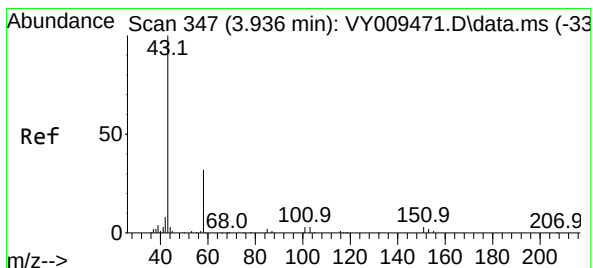
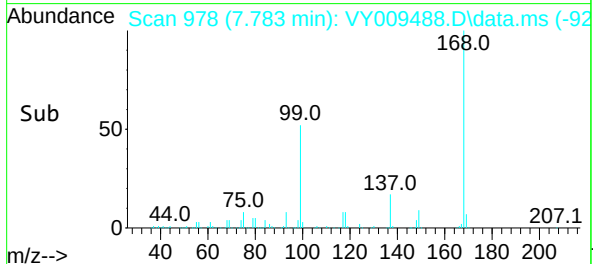
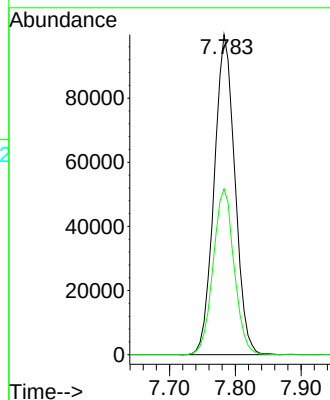
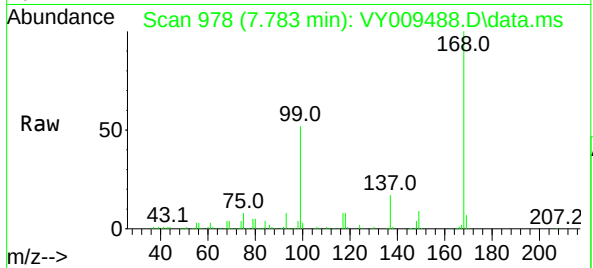




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

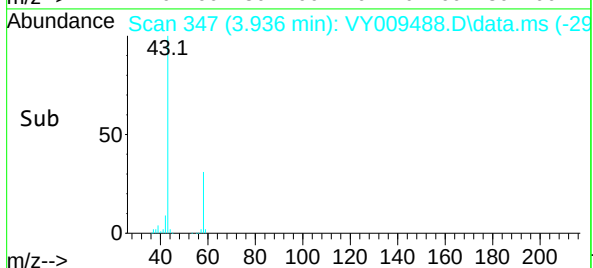
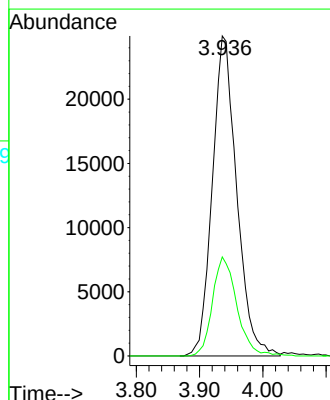
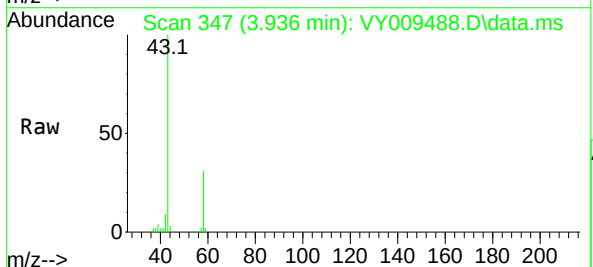
Instrument :
MSVOA_Y
ClientSampleId :
20220489B-7B

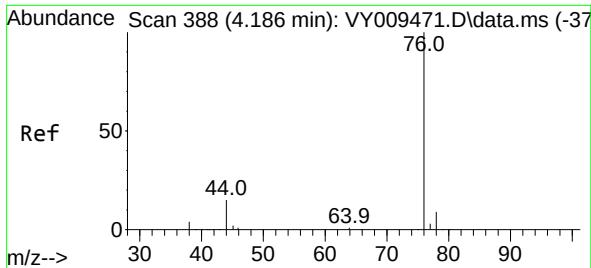
Tgt Ion:168 Resp: 219045
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 125.052 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

Tgt Ion: 43 Resp: 66635
Ion Ratio Lower Upper
43 100
58 30.9 22.0 33.0

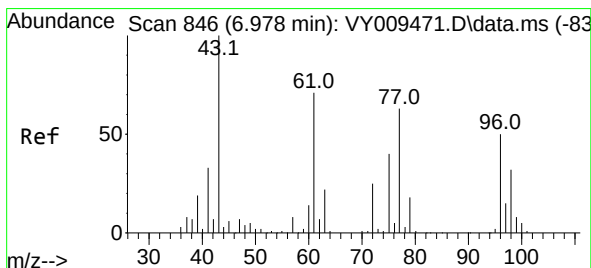
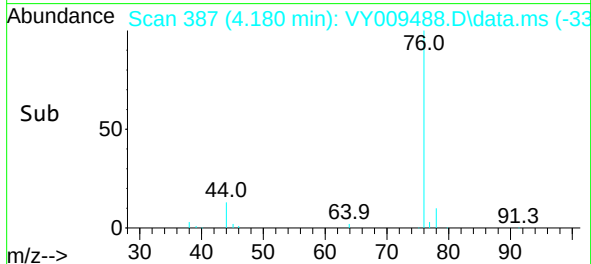
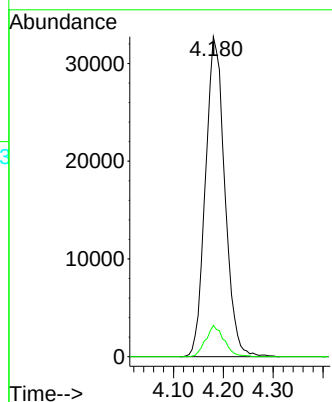
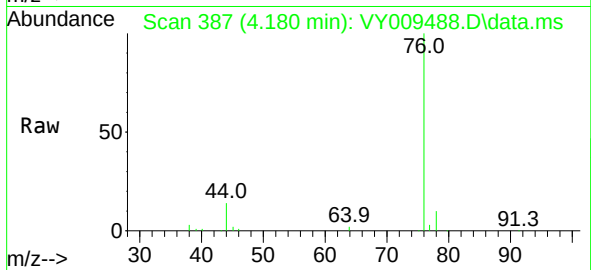




#17
Carbon Disulfide
Concen: 17.918 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

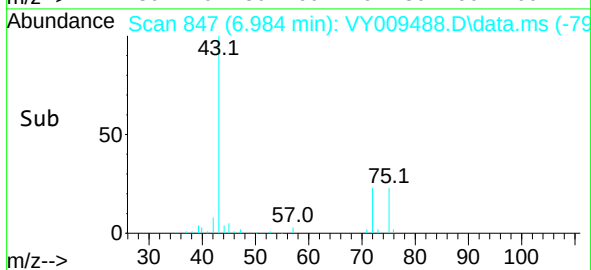
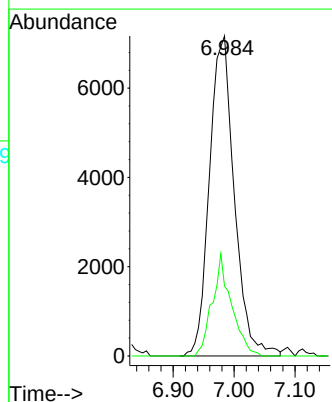
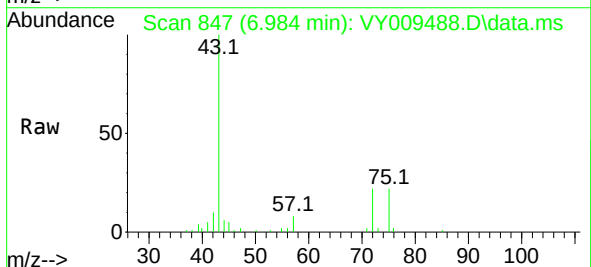
Instrument :
MSVOA_Y
ClientSampleId :
20220489B-7B

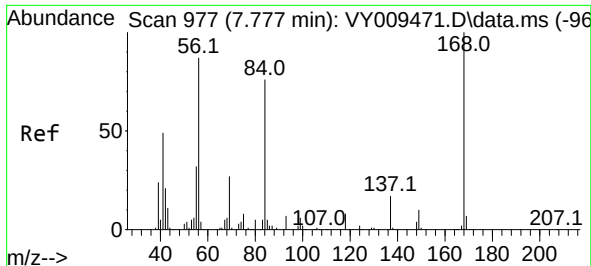
Tgt Ion: 76 Resp: 88165
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#25
2-Butanone
Concen: 23.592 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

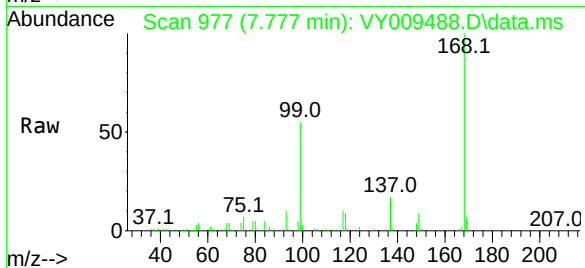
Tgt Ion: 43 Resp: 20336
Ion Ratio Lower Upper
43 100
72 21.8 17.7 26.5



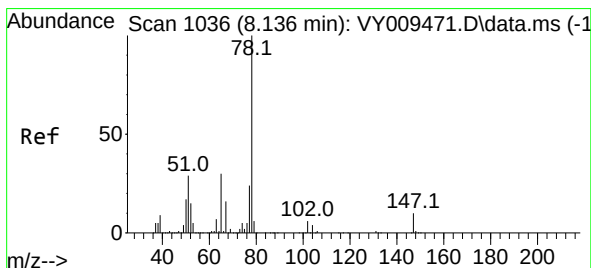
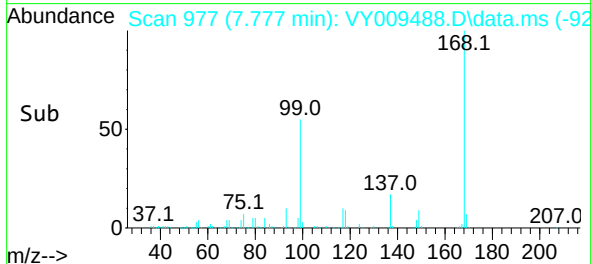
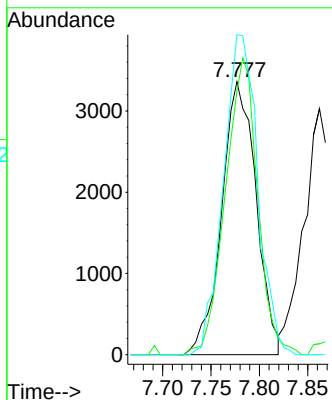


#31
Cyclohexane
Concen: 2.321 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
20220489B-7B

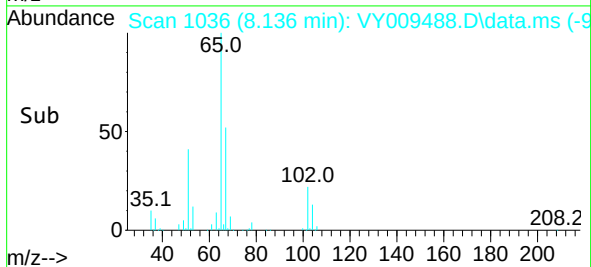
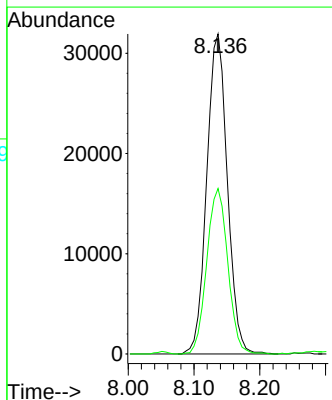
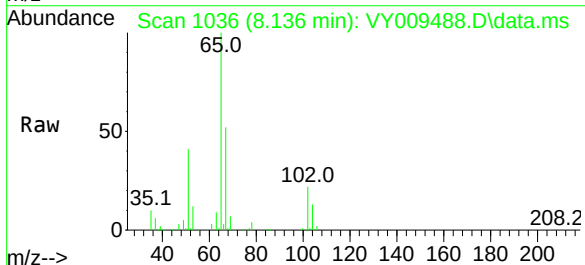


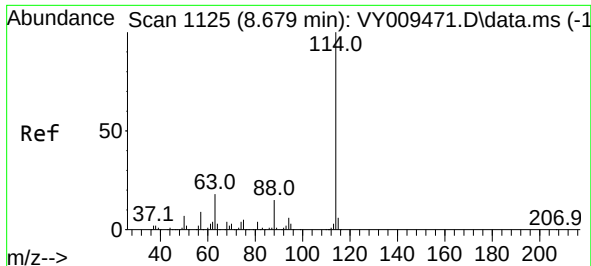
Tgt Ion: 56 Resp: 8342
Ion Ratio Lower Upper
56 100
69 96.5 26.7 40.1#
84 117.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.377 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

Tgt Ion: 65 Resp: 69598
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: VY009488.D

Acq: 08 Jul 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

20220489B-7B

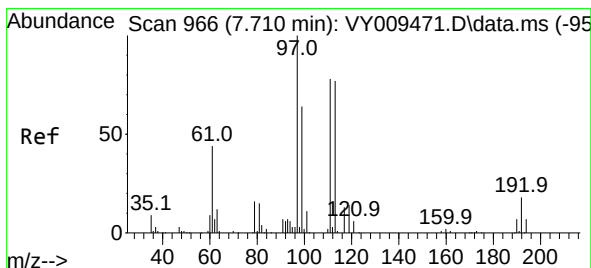
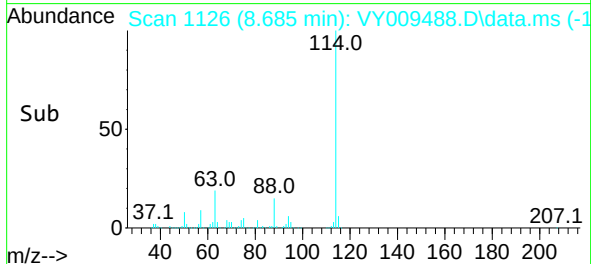
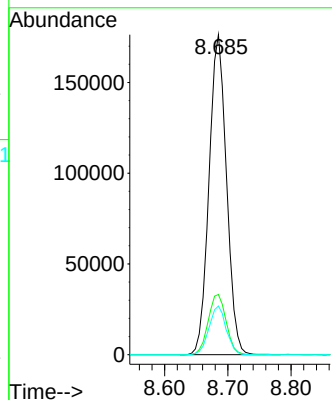
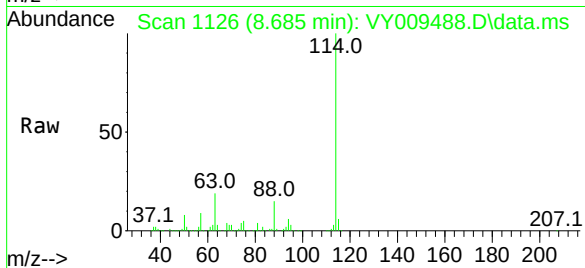
Tgt Ion:114 Resp: 337838

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.045 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009488.D

Acq: 08 Jul 2022 17:23

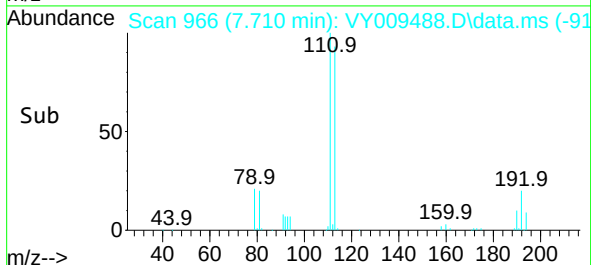
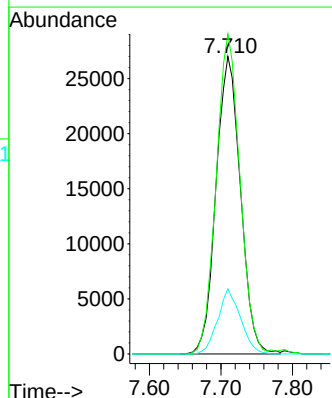
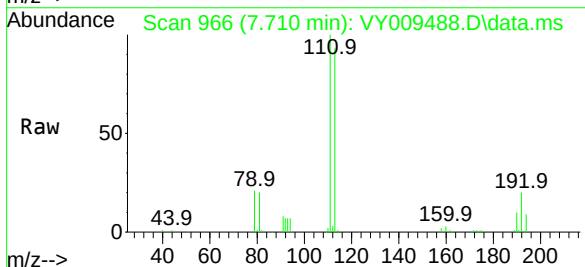
Tgt Ion:113 Resp: 64073

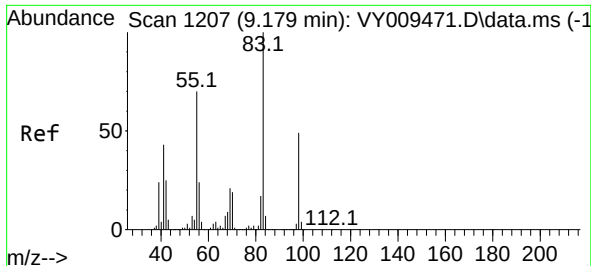
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 20.4 17.6 26.4





#39

Methylcyclohexane

Concen: 10.117 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009488.D

Acq: 08 Jul 2022 17:23

Instrument :

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ClientSampleId :

20220489B-7B

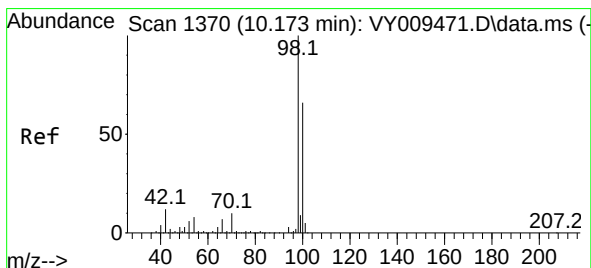
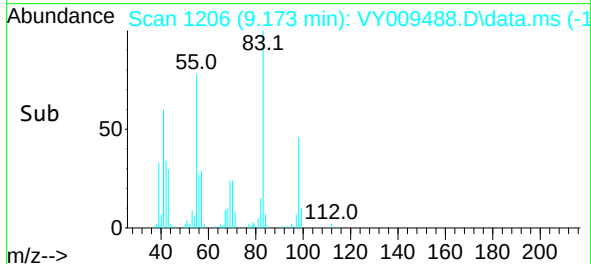
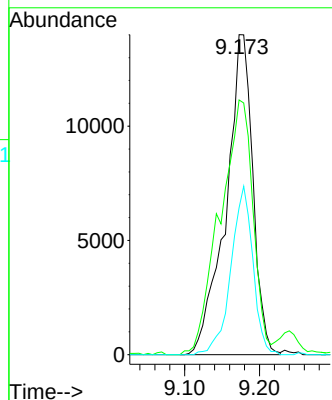
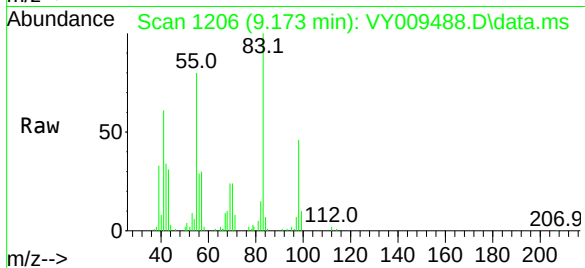
Tgt Ion: 83 Resp: 35146

Ion Ratio Lower Upper

83 100

55 79.6 66.5 99.7

98 45.9 37.9 56.9



#50

Toluene-d8

Concen: 56.227 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009488.D

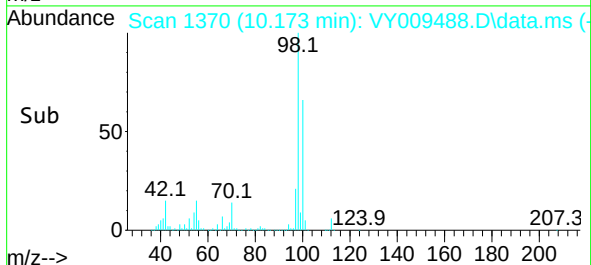
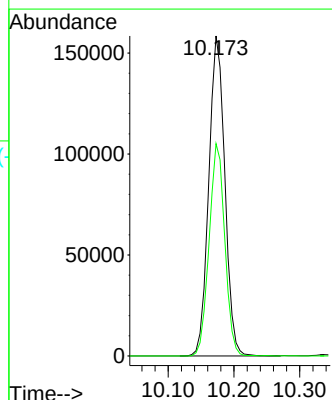
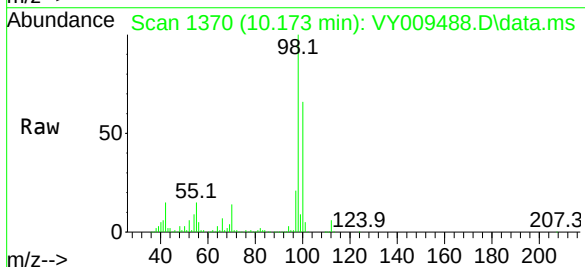
Acq: 08 Jul 2022 17:23

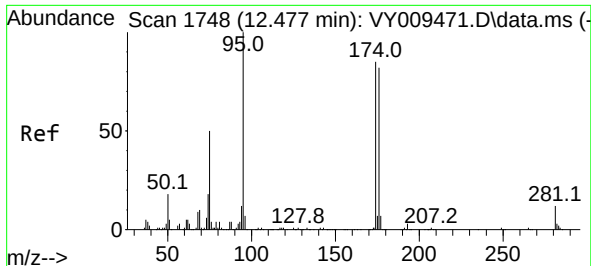
Tgt Ion: 98 Resp: 269105

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2

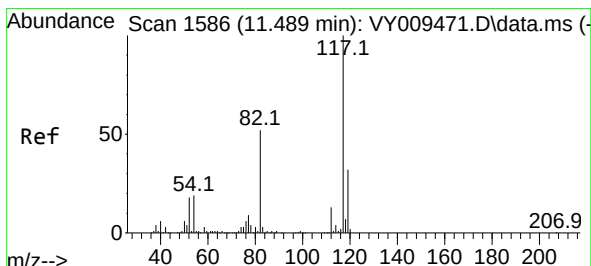
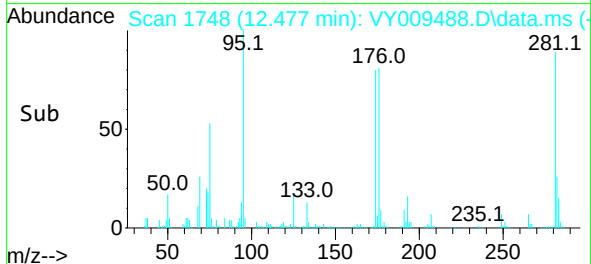
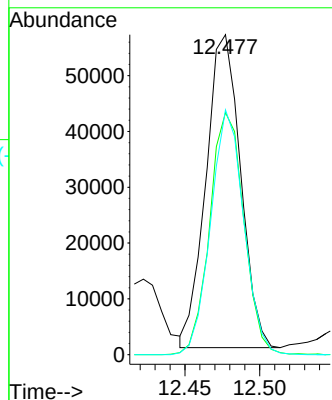
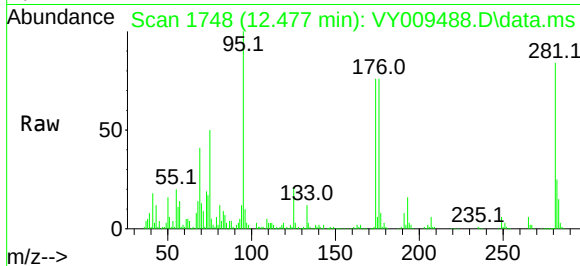




#62
4-Bromofluorobenzene
Concen: 35.915 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

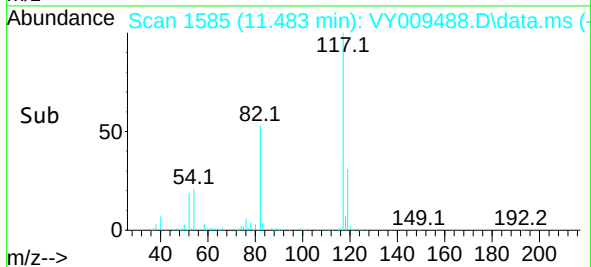
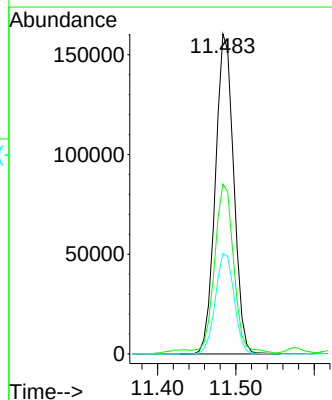
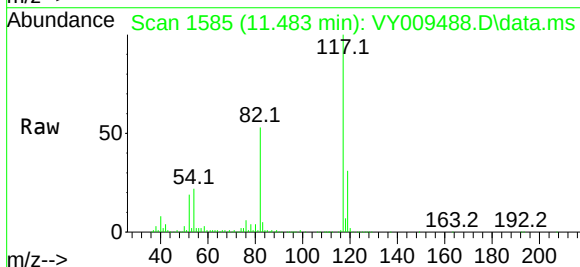
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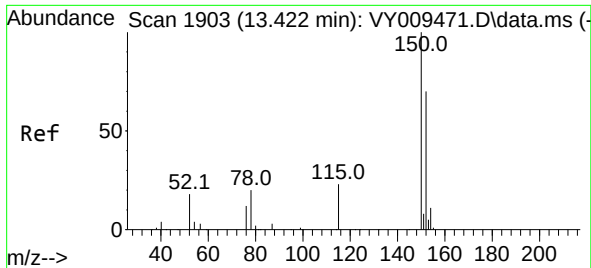
Tgt Ion: 95 Resp: 90119
Ion Ratio Lower Upper
95 100
174 76.5 0.0 177.0
176 74.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

Tgt Ion: 117 Resp: 261057
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.4 25.4 38.0

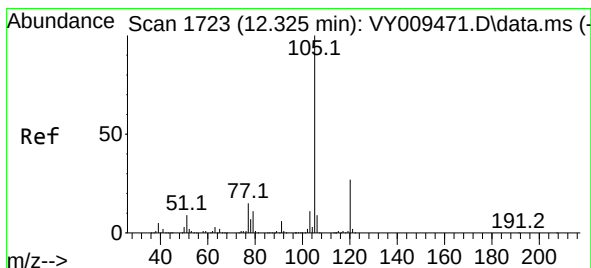
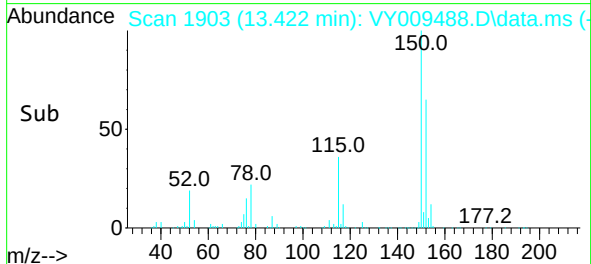
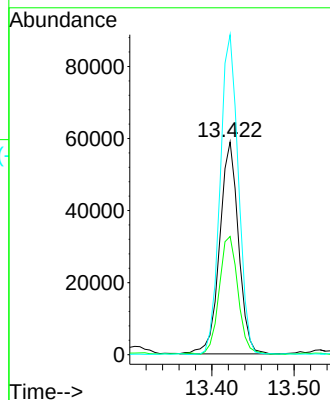
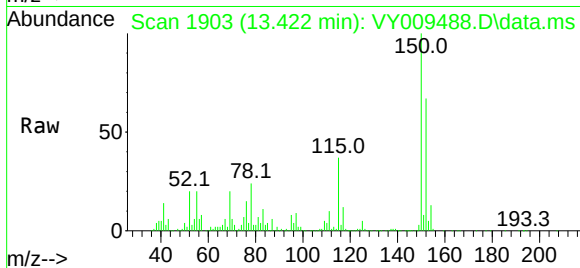




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

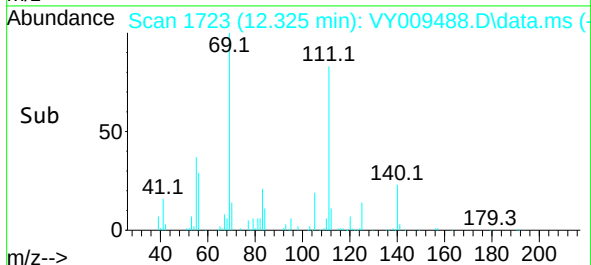
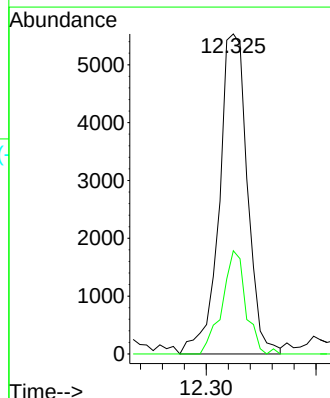
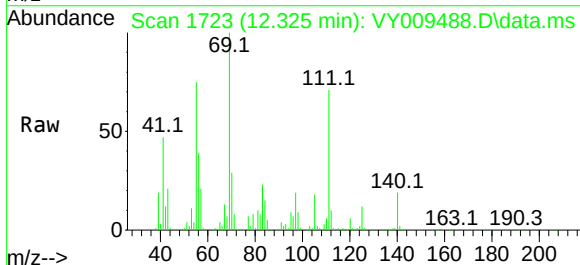
Instrument :
MSVOA_Y
ClientSampleId :
20220489B-7B

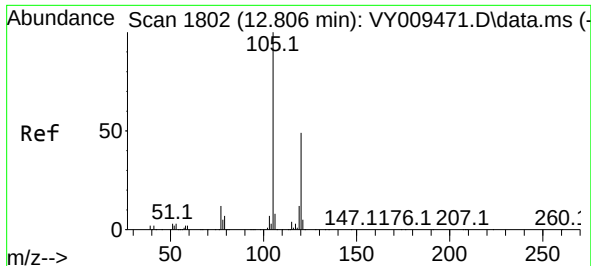
Tgt Ion:152 Resp: 93426
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 146.3 0.0 347.6



#73
Isopropylbenzene
Concen: 1.546 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009488.D
Acq: 08 Jul 2022 17:23

Tgt Ion:105 Resp: 9879
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

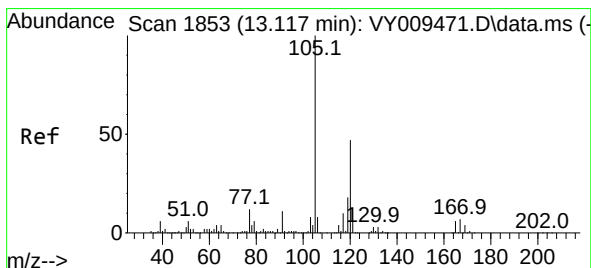
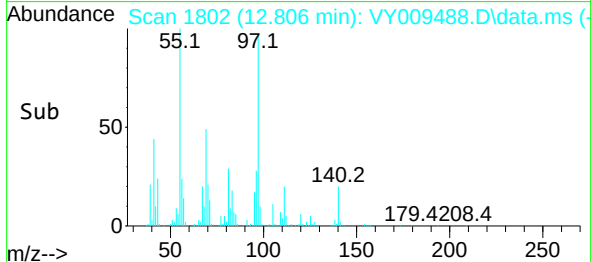
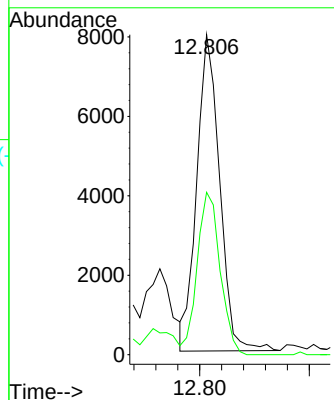
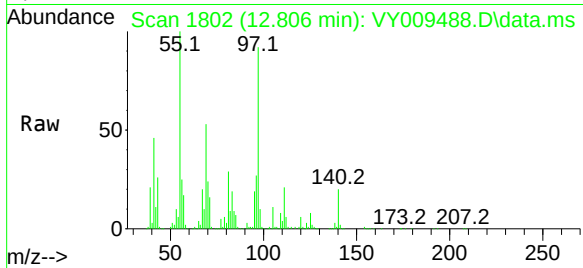




#80
 1,3,5-Trimethylbenzene
 Concen: 2.160 ug/l
 RT: 12.806 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: VY009488.D
 Acq: 08 Jul 2022 17:23

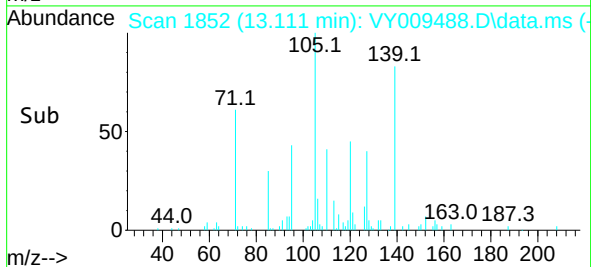
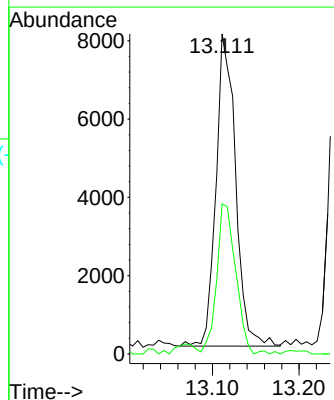
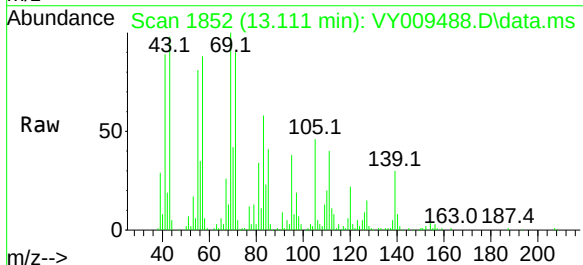
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220489B-7B

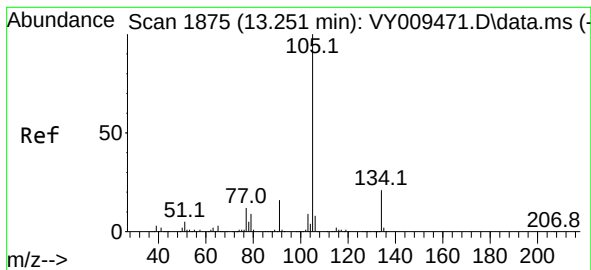
Tgt Ion:105 Resp: 11535
 Ion Ratio Lower Upper
 105 100
 120 51.6 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.358 ug/l
 RT: 13.111 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VY009488.D
 Acq: 08 Jul 2022 17:23

Tgt Ion:105 Resp: 12537
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 2.288 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009488.D
 Acq: 08 Jul 2022 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220489B-7B

Tgt Ion:105 Resp: 16008
 Ion Ratio Lower Upper
 105 100
 134 37.9 10.2 30.4#

