

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009485.D
 Acq On : 08 Jul 2022 16:13
 Operator : KP/MD
 Sample : N3595-05
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220488B-6B

Quant Time: Jul 11 02:15:01 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	184729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	234039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72452	56.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.710	113	59769	40.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.240%
50) Toluene-d8	10.173	98	236347	59.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	118.780%
62) 4-Bromofluorobenzene	12.477	95	88255	41.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.940%

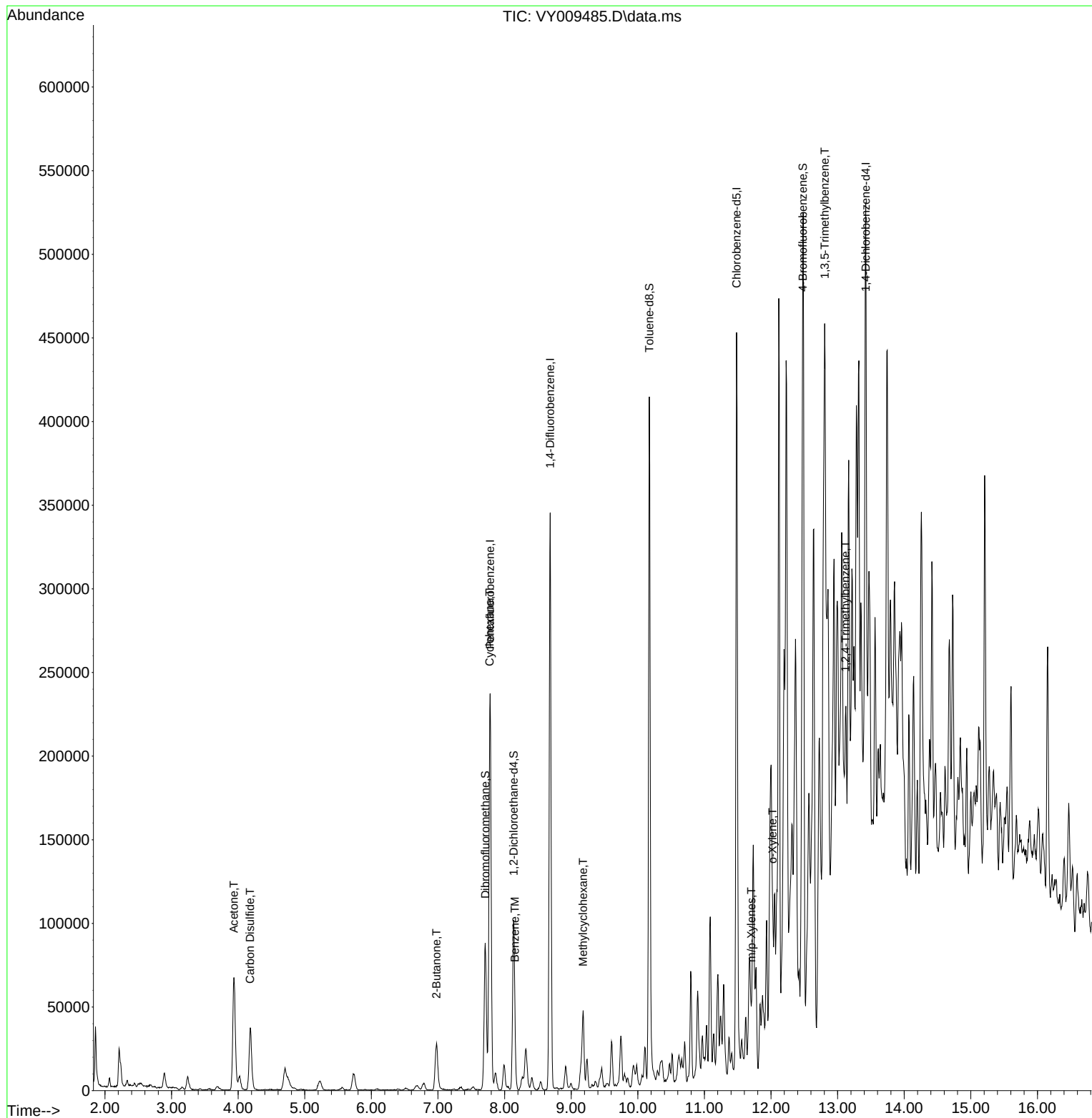
Target Compounds						Qvalue
16) Acetone	3.936	43	118693	264.126	ug/l	98
17) Carbon Disulfide	4.180	76	69310	17.003	ug/l	100
25) 2-Butanone	6.978	43	38602	53.101	ug/l	97
31) Cyclohexane	7.777	56	7440	2.455	ug/l #	53
39) Methylcyclohexane	9.179	83	14414	4.951	ug/l	99
40) Benzene	8.155	78	13139	1.845	ug/l #	84
68) m/p-Xylenes	11.703	106	4708	1.504	ug/l	91
69) o-Xylene	12.026	106	5925	1.975	ug/l	88
80) 1,3,5-Trimethylbenzene	12.806	105	19155	3.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	22673	3.828	ug/l	99

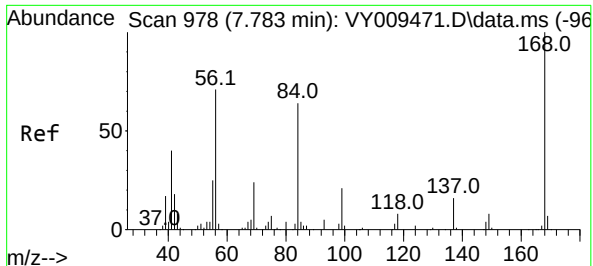
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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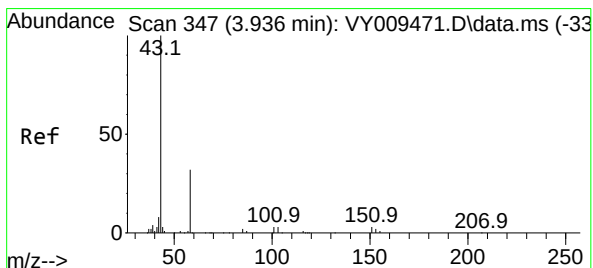
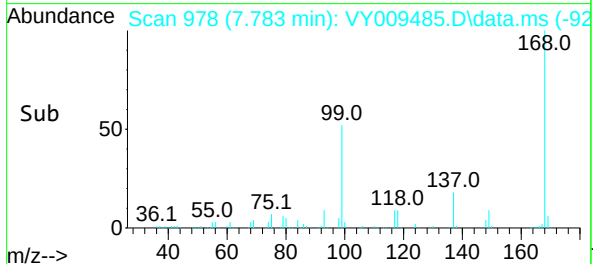
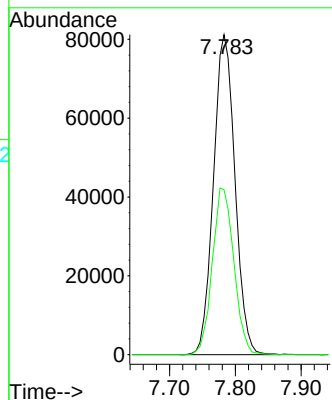
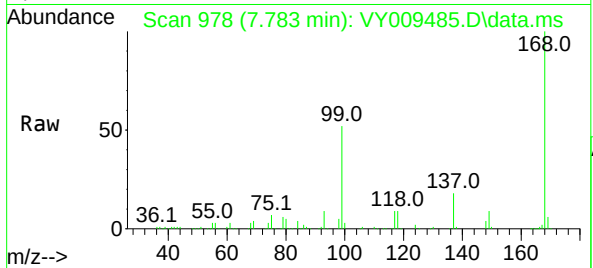




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

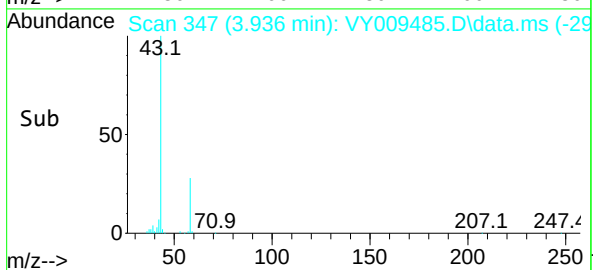
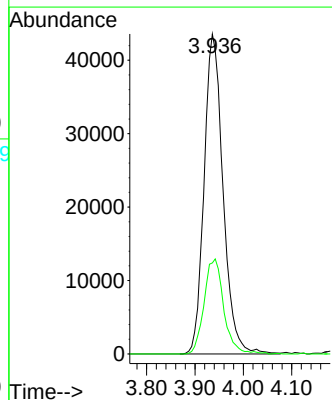
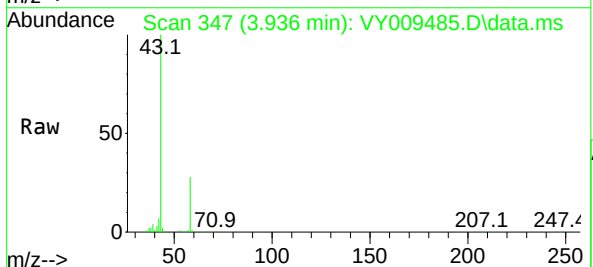
Instrument :
MSVOA_Y
ClientSampleId :
20220488B-6B

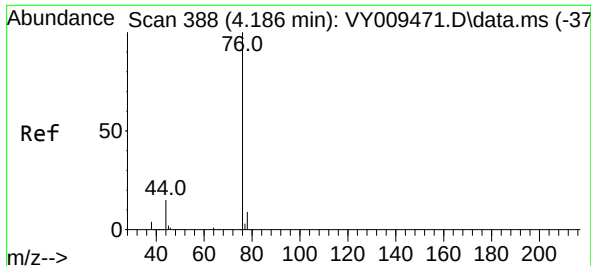
Tgt Ion:168 Resp: 184729
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 264.126 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion: 43 Resp: 118693
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0

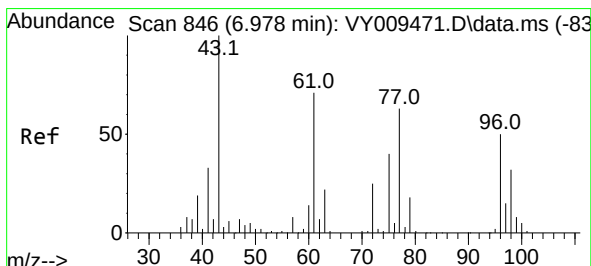
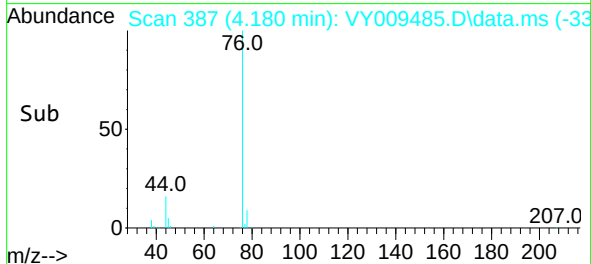
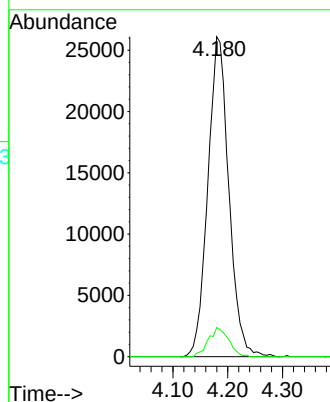
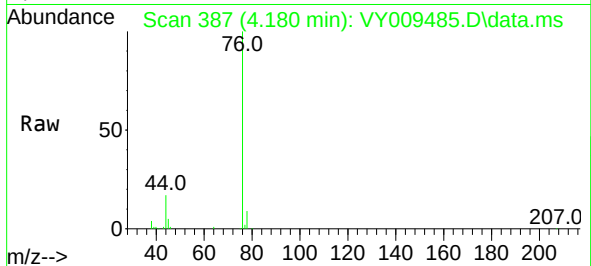




#17
Carbon Disulfide
Concen: 17.003 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

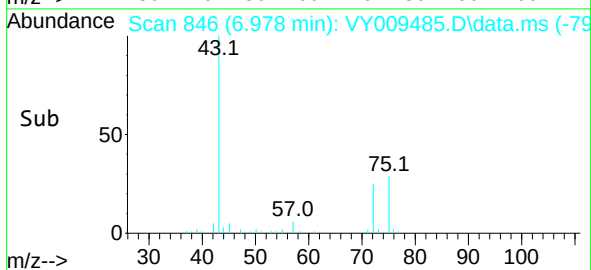
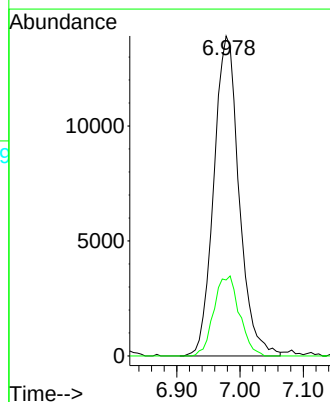
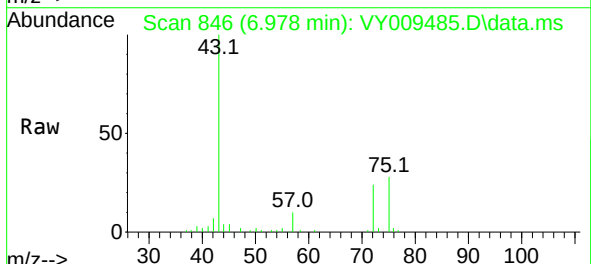
Instrument :
MSVOA_Y
ClientSampleId :
20220488B-6B

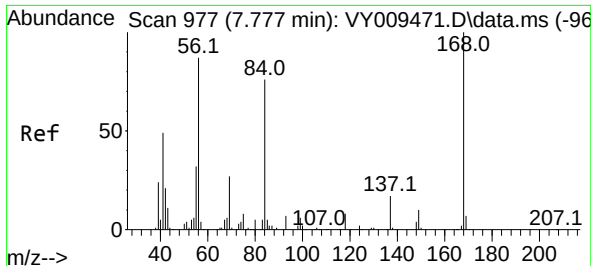
Tgt Ion: 76 Resp: 69310
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#25
2-Butanone
Concen: 53.101 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion: 43 Resp: 38602
Ion Ratio Lower Upper
43 100
72 23.8 17.7 26.5

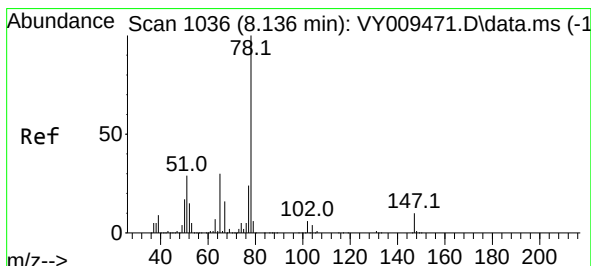
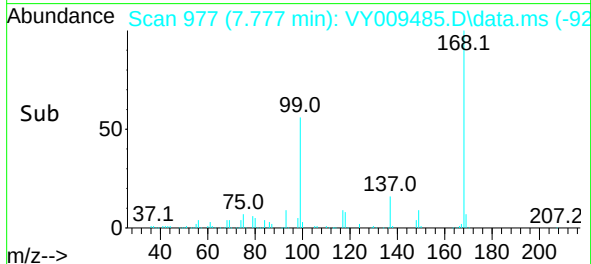
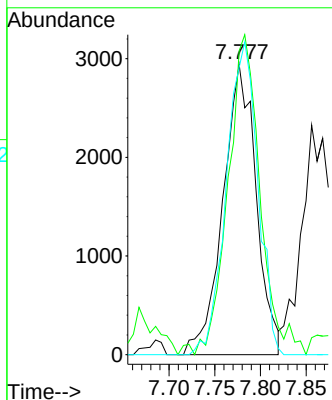
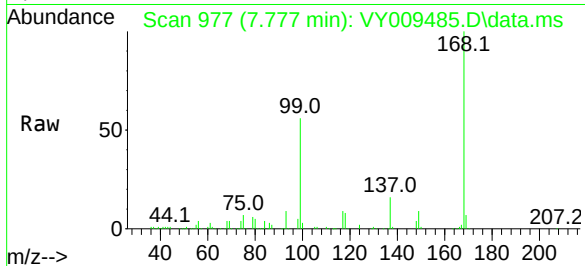




#31
Cyclohexane
Concen: 2.455 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

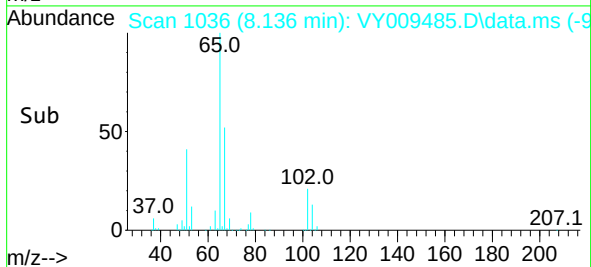
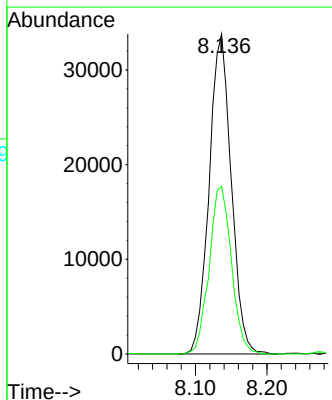
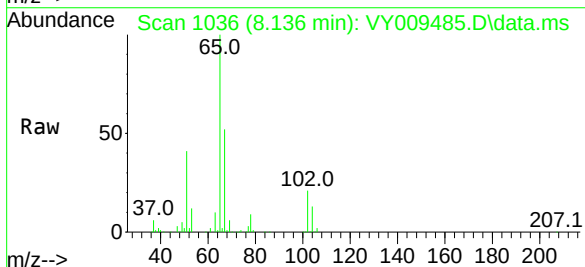
Instrument :
MSVOA_Y
ClientSampleId :
20220488B-6B

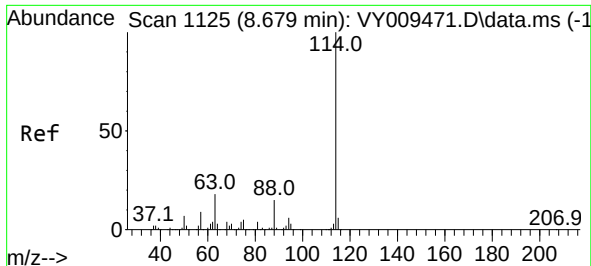
Tgt Ion: 56 Resp: 7440
Ion Ratio Lower Upper
56 100
69 104.6 26.7 40.1#
84 98.9 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 56.524 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion: 65 Resp: 72452
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

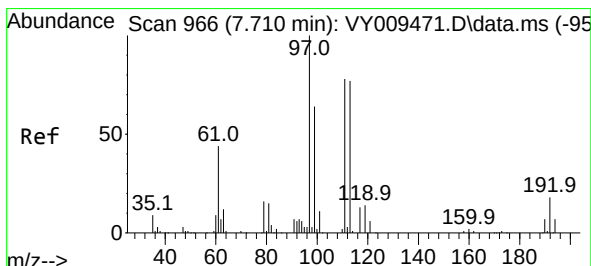
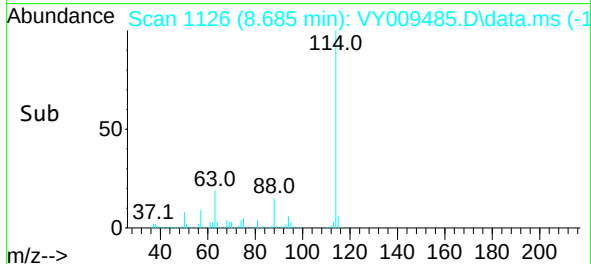
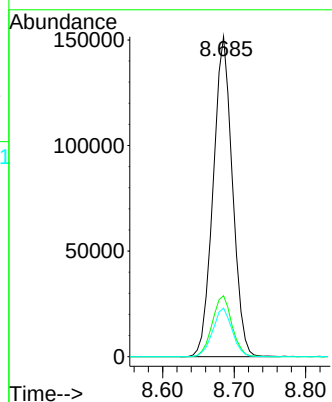
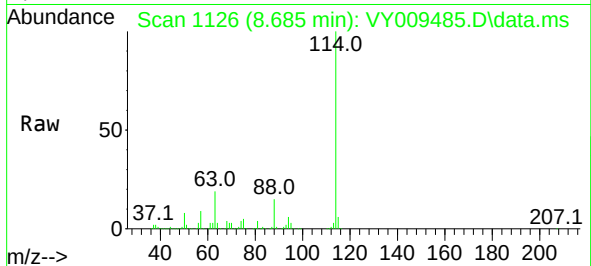




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

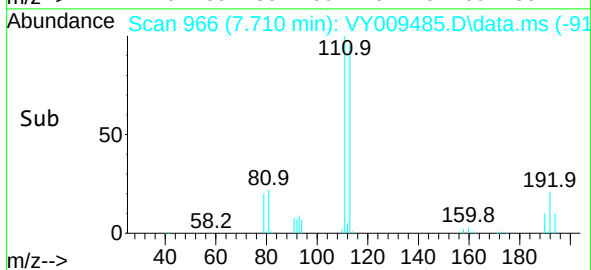
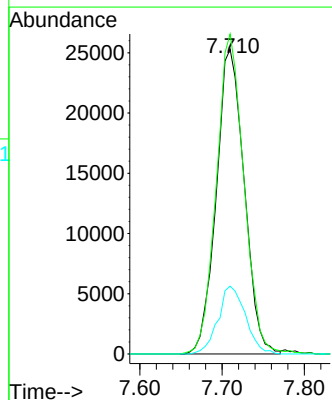
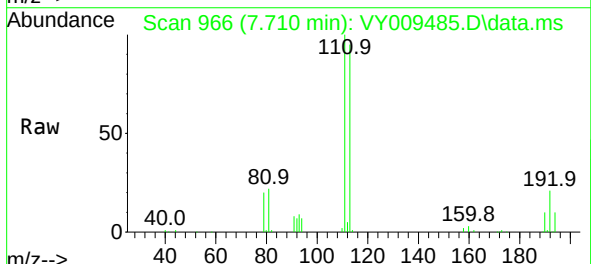
Instrument :
MSVOA_Y
ClientSampleId :
20220488B-6B

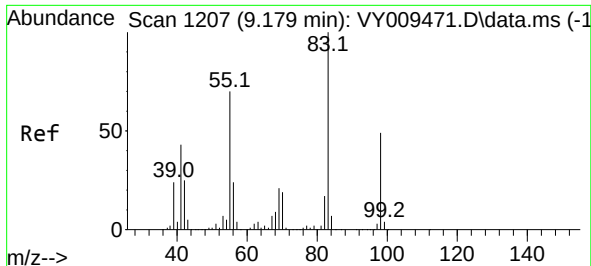
Tgt Ion:114 Resp: 283135
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.120 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion:113 Resp: 59769
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 21.9 17.6 26.4





#39

Methylcyclohexane

Concen: 4.951 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009485.D

Acq: 08 Jul 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

20220488B-6B

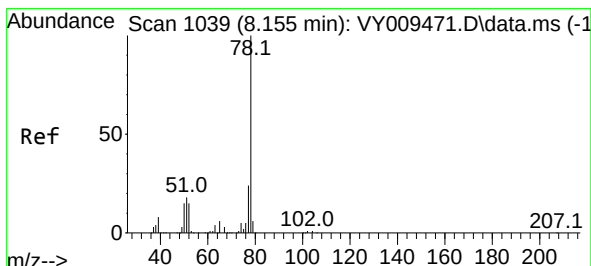
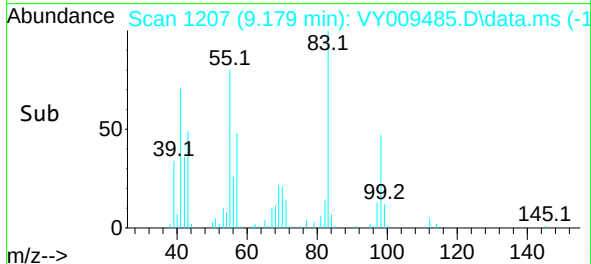
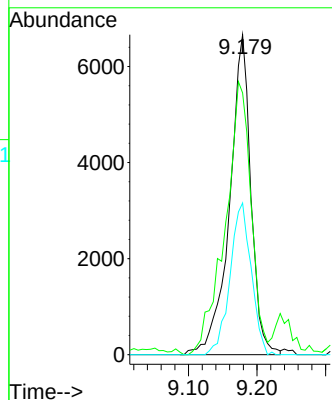
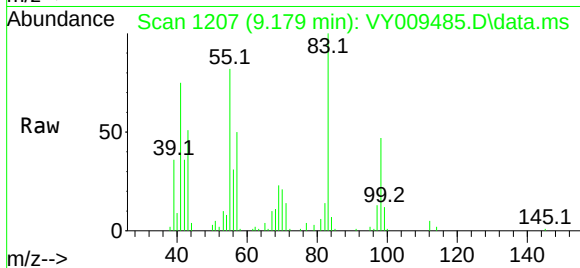
Tgt Ion: 83 Resp: 14414

Ion Ratio Lower Upper

83 100

55 81.0 66.5 99.7

98 47.4 37.9 56.9



#40

Benzene

Concen: 1.845 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009485.D

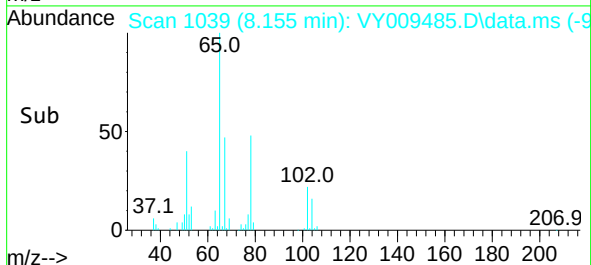
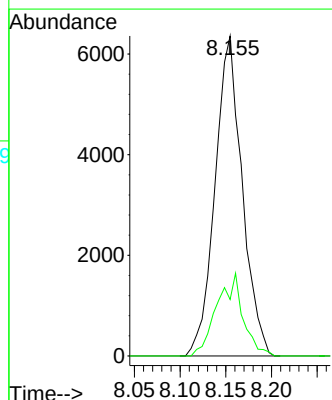
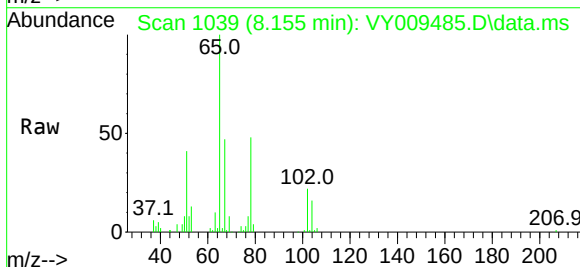
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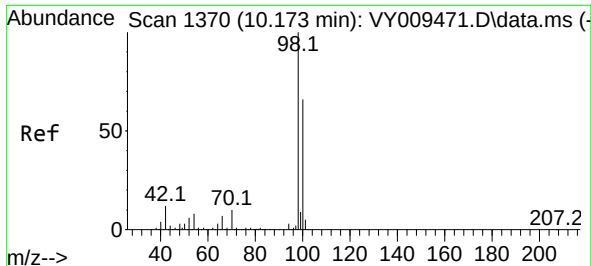
Tgt Ion: 78 Resp: 13139

Ion Ratio Lower Upper

78 100

77 17.6 20.4 30.6#

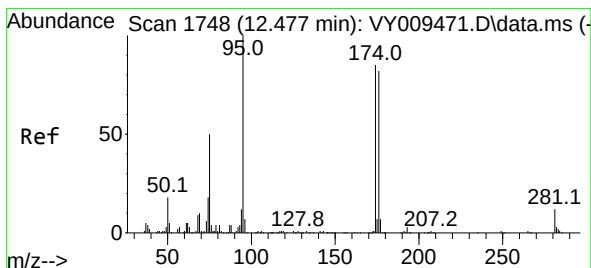
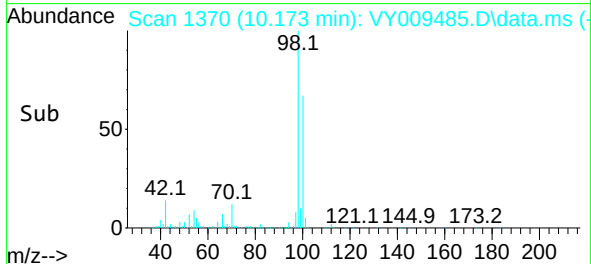
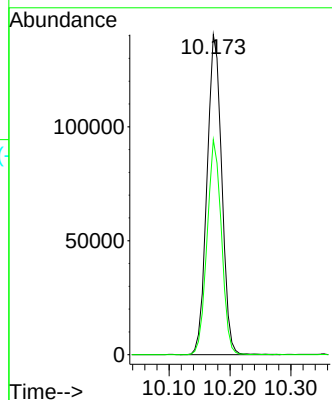
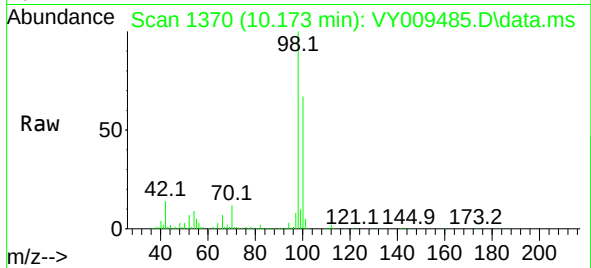




#50
Toluene-d8
Concen: 59.388 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

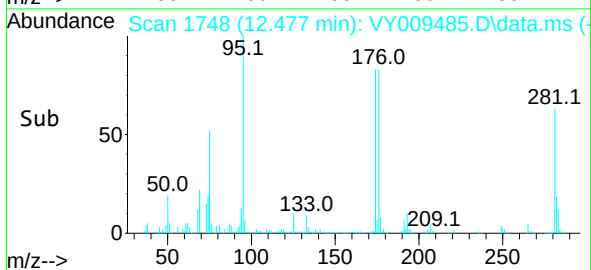
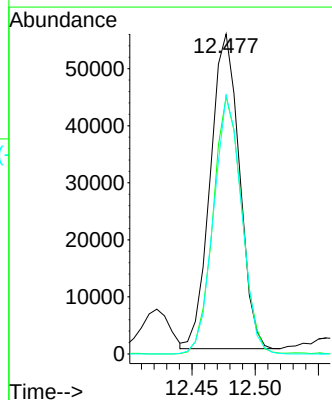
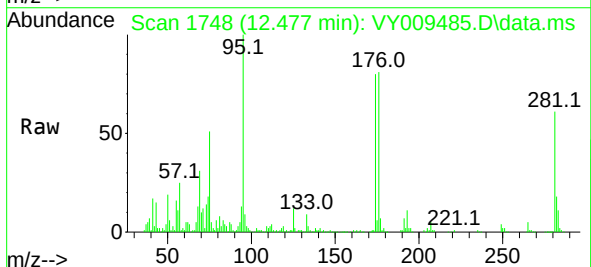
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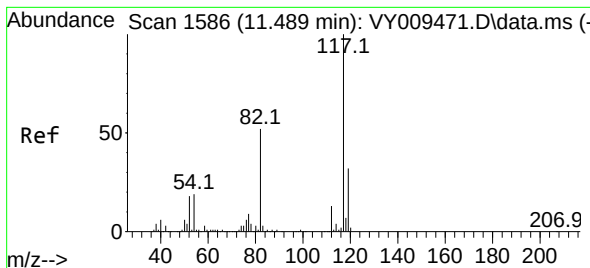
Tgt Ion: 98 Resp: 236347
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.968 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion: 95 Resp: 88255
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 78.8 0.0 175.8

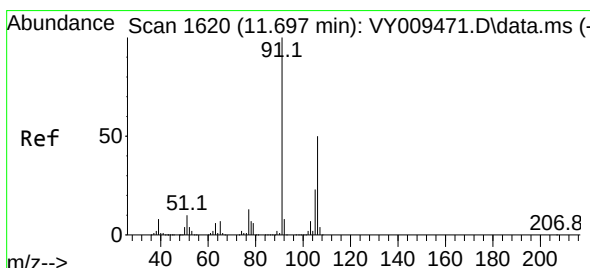
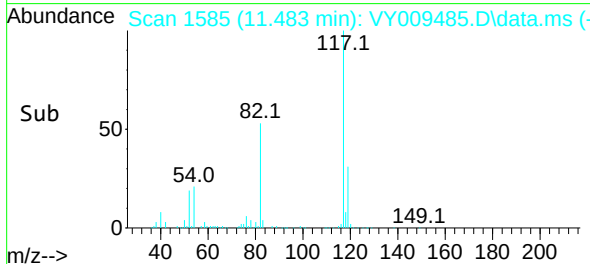
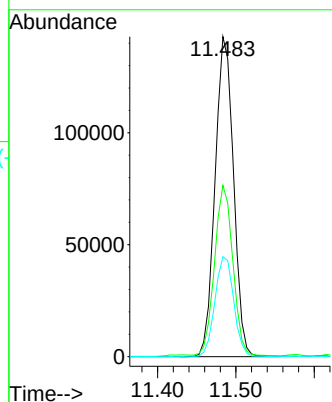
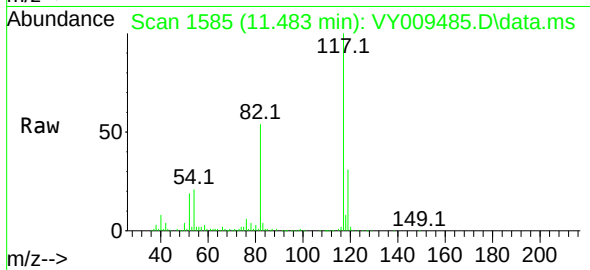




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

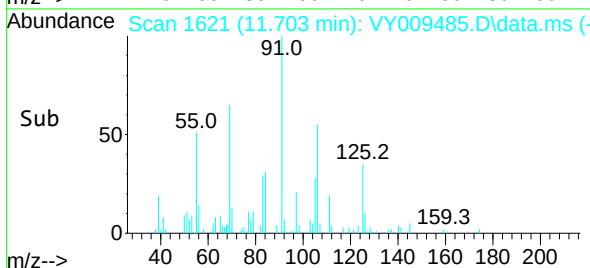
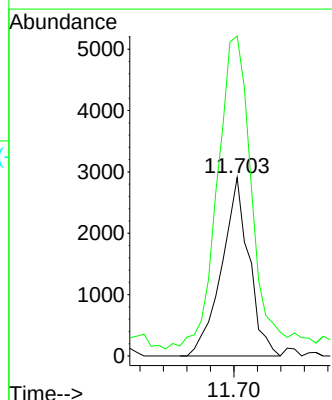
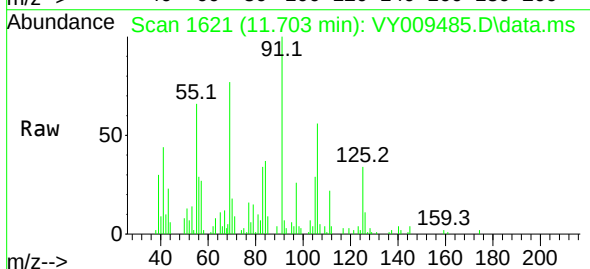
Instrument :
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20220488B-6B

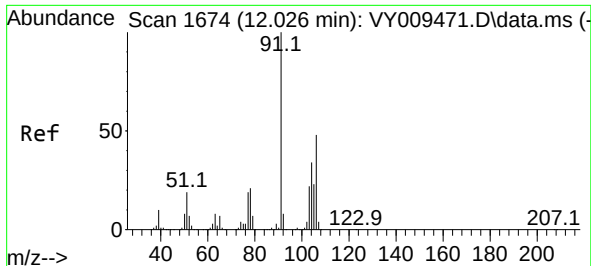
Tgt Ion:117 Resp: 234039
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 1.504 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion:106 Resp: 4708
Ion Ratio Lower Upper
106 100
91 221.8 166.6 249.8

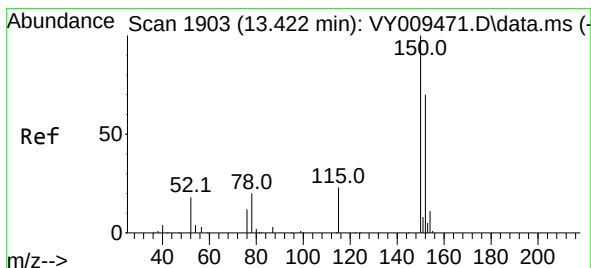
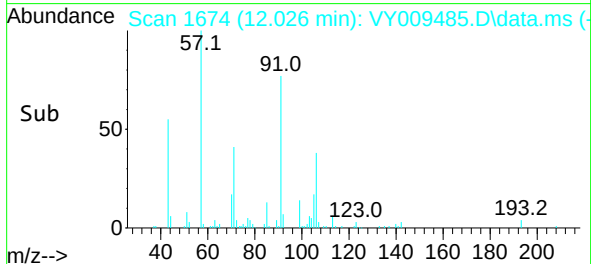
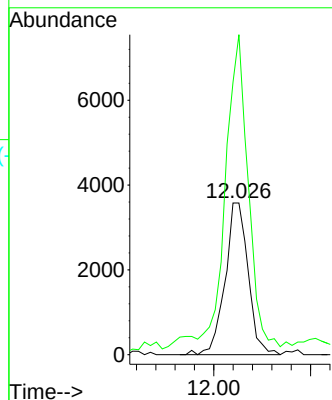
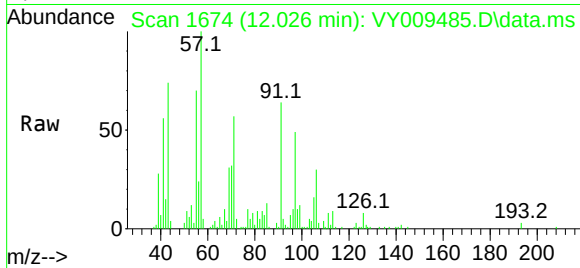




#69
o-Xylene
Concen: 1.975 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

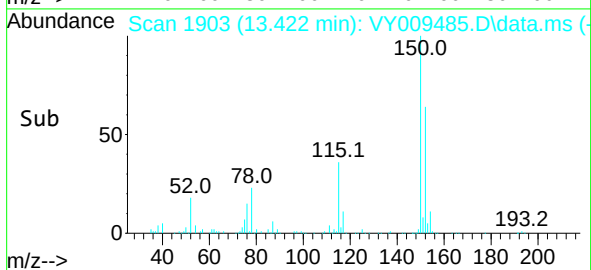
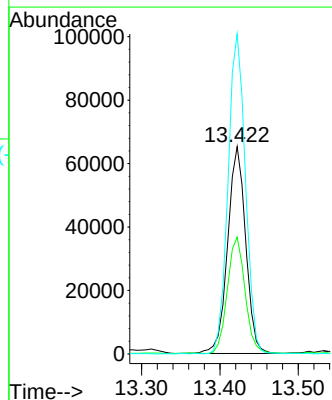
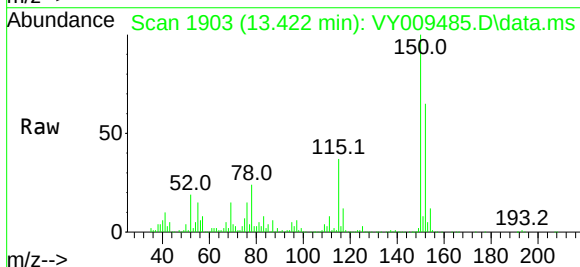
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MSVOA_Y
ClientSampleId :
20220488B-6B

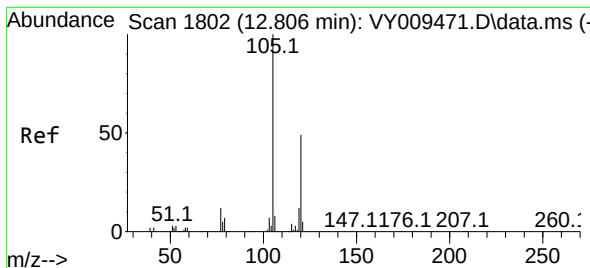
Tgt Ion:106 Resp: 5925
Ion Ratio Lower Upper
106 100
91 200.6 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009485.D
Acq: 08 Jul 2022 16:13

Tgt Ion:152 Resp: 104097
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 148.9 0.0 347.6





#80

1,3,5-Trimethylbenzene

Concen: 3.219 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY009485.D

Acq: 08 Jul 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

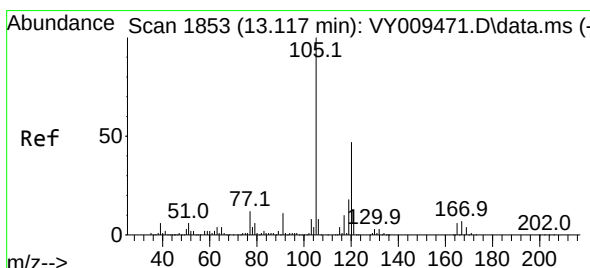
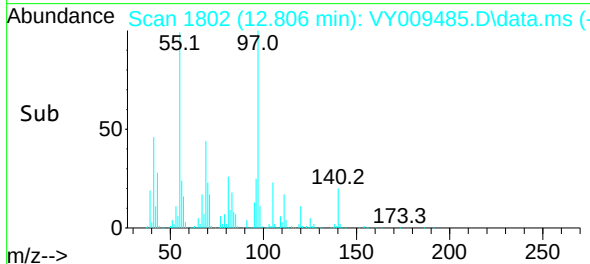
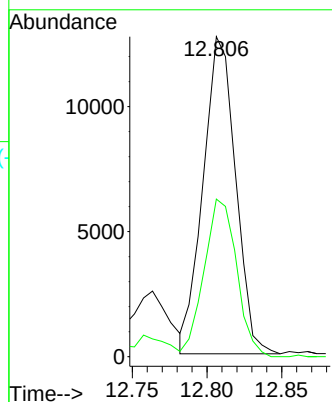
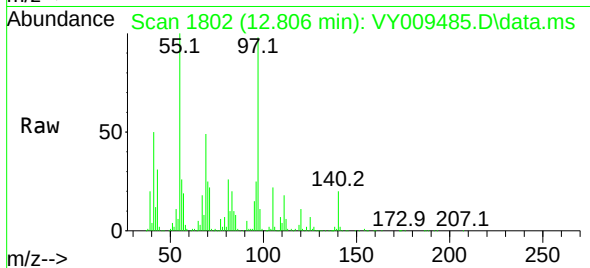
20220488B-6B

Tgt Ion:105 Resp: 19155

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 3.828 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009485.D

Acq: 08 Jul 2022 16:13

Tgt Ion:105 Resp: 22673

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.9

