

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019980.D
 Acq On : 22 Oct 2024 14:46
 Operator : SY/MD
 Sample : P4471-02
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-180-SB02

Quant Time: Oct 23 01:30:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	245403	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	479325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	350885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154408	51.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.200%
35) Dibromofluoromethane	7.634	113	155229	49.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.103	98	568464	48.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.401	95	124092	29.402	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	58.800%

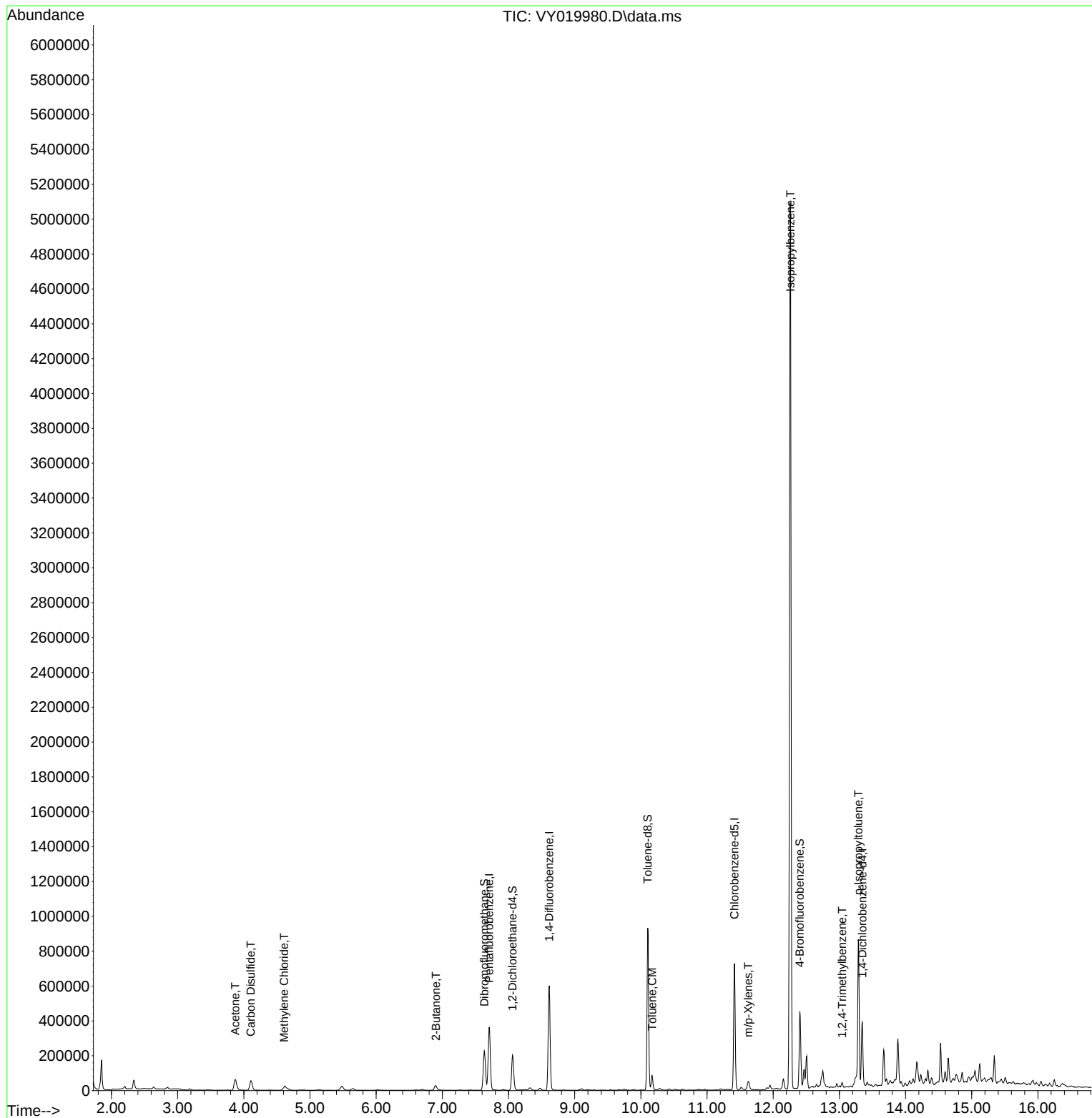
Target Compounds						Qvalue
16) Acetone	3.872	43	116565	148.192	ug/l	87
17) Carbon Disulfide	4.104	76	110376	15.642	ug/l	97
20) Methylene Chloride	4.610	84	13854	4.025	ug/l #	94
25) 2-Butanone	6.902	43	45231	42.960	ug/l #	86
52) Toluene	10.170	92	33221	3.859	ug/l	97
68) m/p-Xylenes	11.621	106	11927	2.215	ug/l	85
73) Isopropylbenzene	12.261	105	195745	27.309	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.041	105	16489	2.873	ug/l	90
86) p-Isopropyltoluene	13.285	119	430468	68.421	ug/l	95

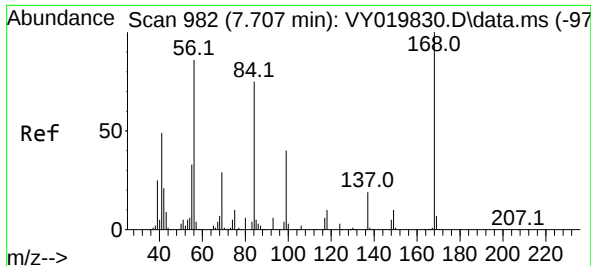
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
Data File : VY019980.D
Acq On : 22 Oct 2024 14:46
Operator : SY/MD
Sample : P4471-02
Misc : 4.29g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB02

Quant Time: Oct 23 01:30:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

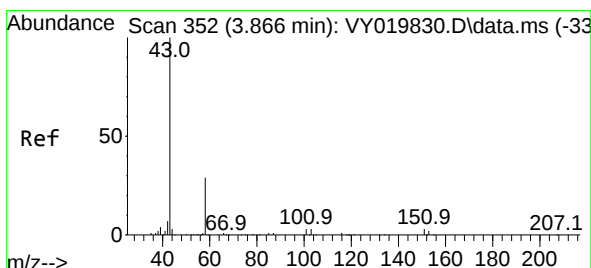
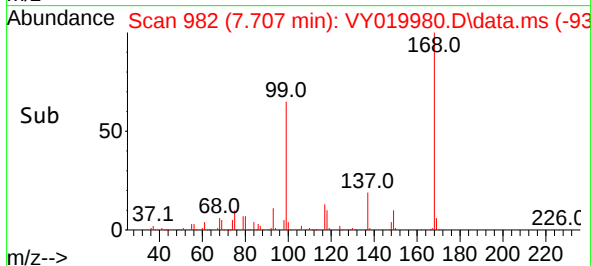
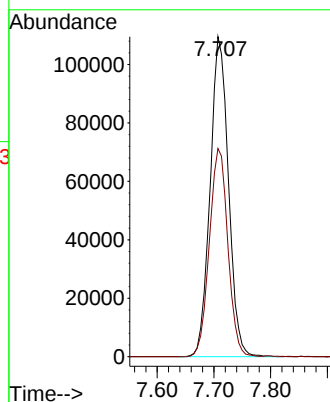
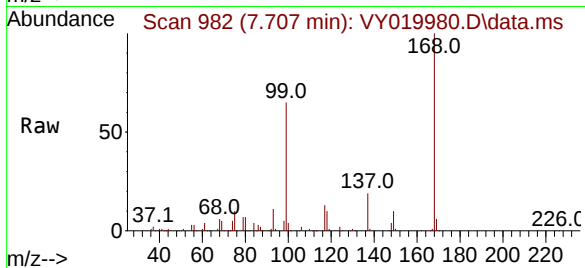




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

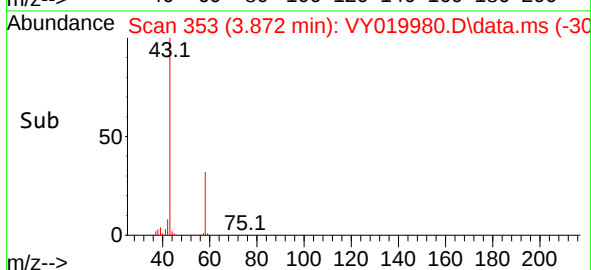
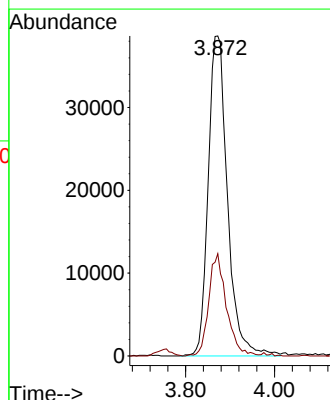
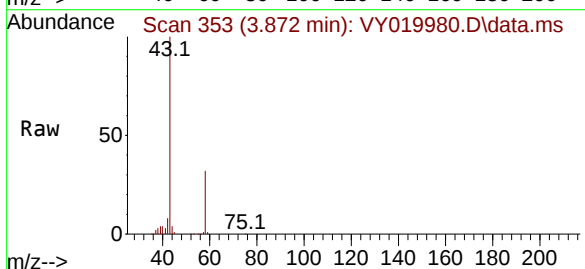
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB02

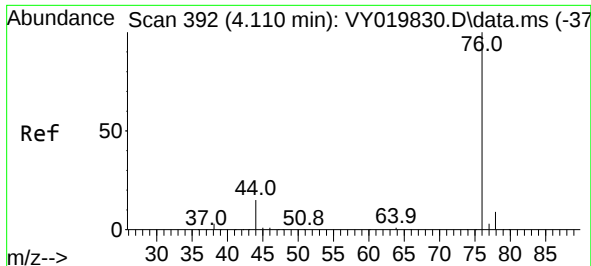
Tgt Ion:168 Resp: 245403
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#16
Acetone
Concen: 148.192 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

Tgt Ion: 43 Resp: 116565
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5





#17

Carbon Disulfide

Concen: 15.642 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY019980.D

Acq: 22 Oct 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

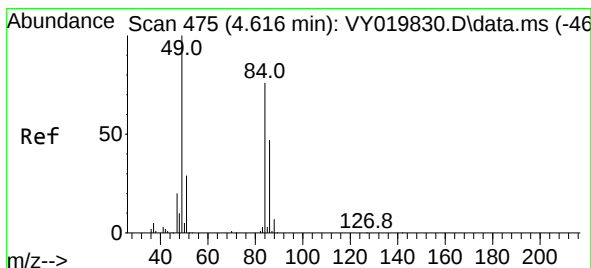
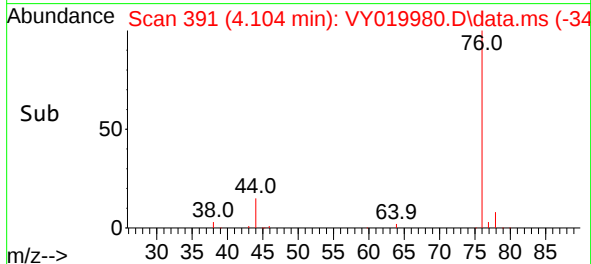
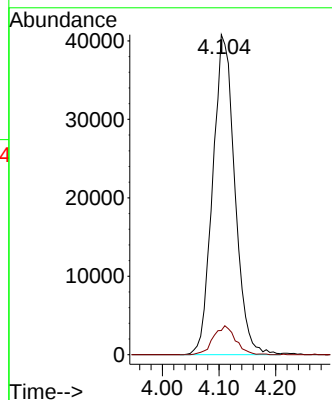
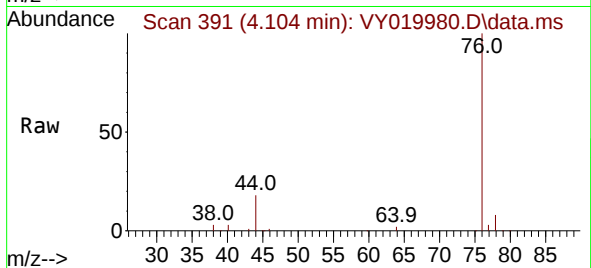
B-180-SB02

Tgt Ion: 76 Resp: 110376

Ion Ratio Lower Upper

76 100

78 7.6 6.8 10.2



#20

Methylene Chloride

Concen: 4.025 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019980.D

Acq: 22 Oct 2024 14:46

Tgt Ion: 84 Resp: 13854

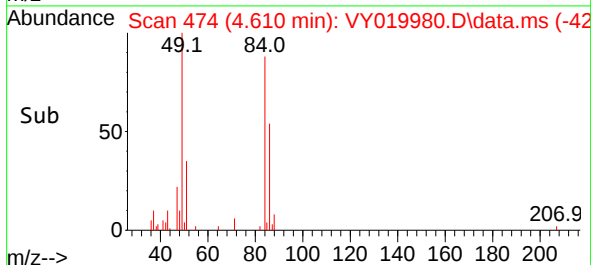
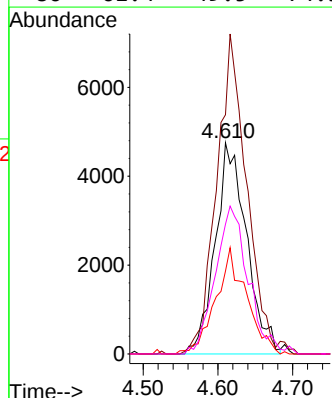
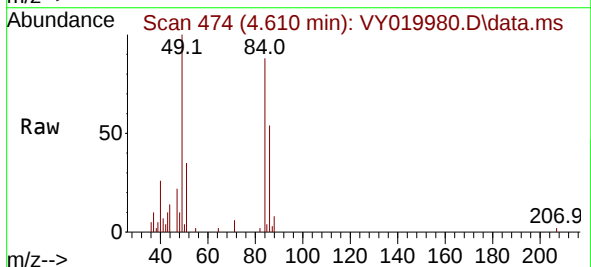
Ion Ratio Lower Upper

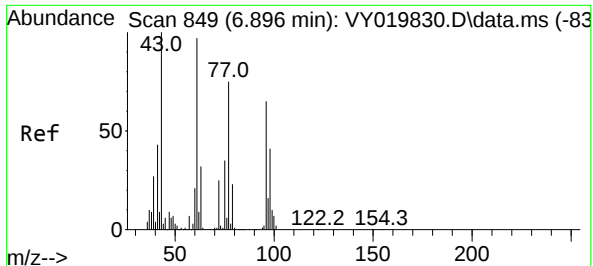
84 100

49 113.3 84.4 126.6

51 39.2 26.0 39.0#

86 61.4 49.5 74.3





#25

2-Butanone

Concen: 42.960 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY019980.D

Acq: 22 Oct 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

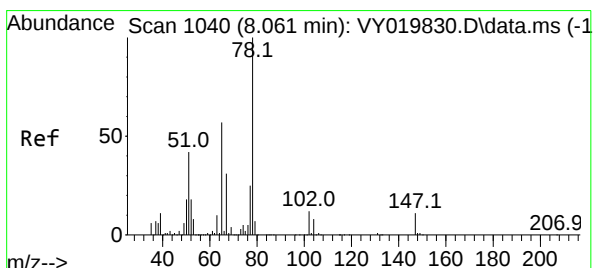
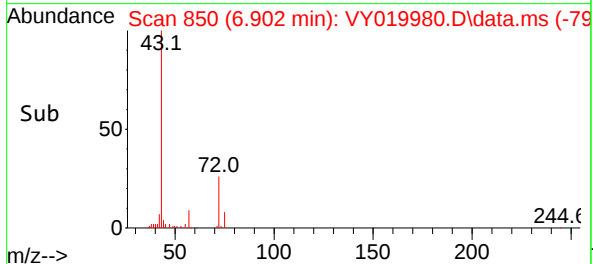
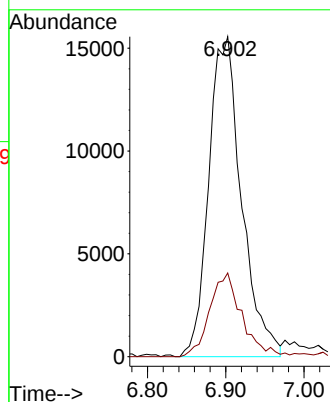
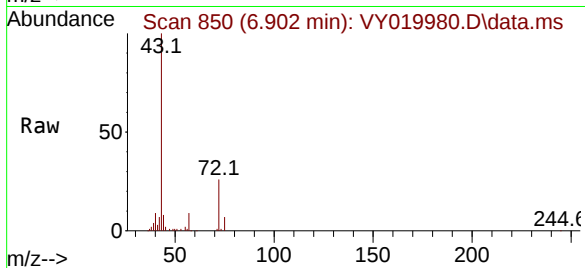
B-180-SB02

Tgt Ion: 43 Resp: 45231

Ion Ratio Lower Upper

43 100

72 26.2 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 51.101 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019980.D

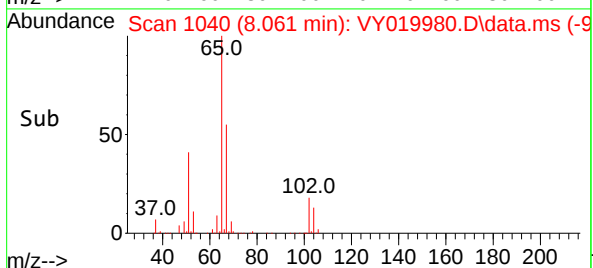
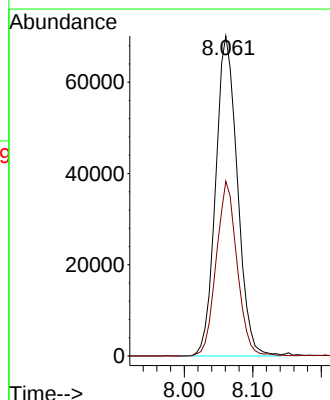
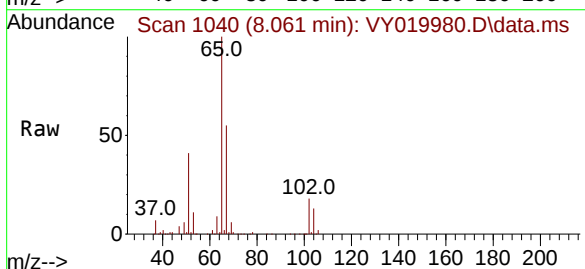
Acq: 22 Oct 2024 14:46

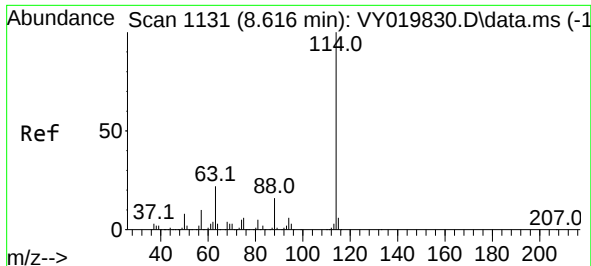
Tgt Ion: 65 Resp: 154408

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6

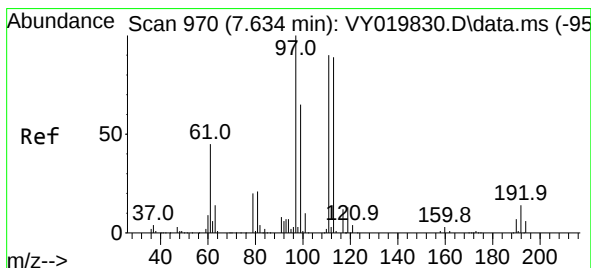
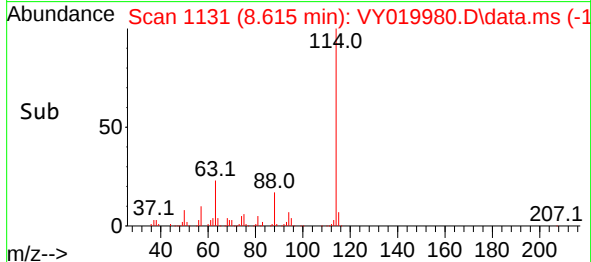
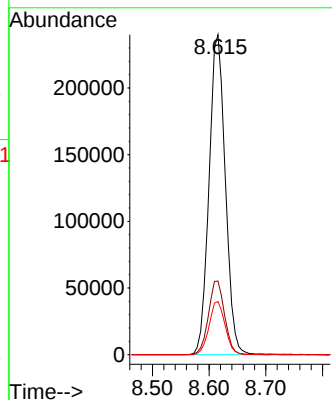
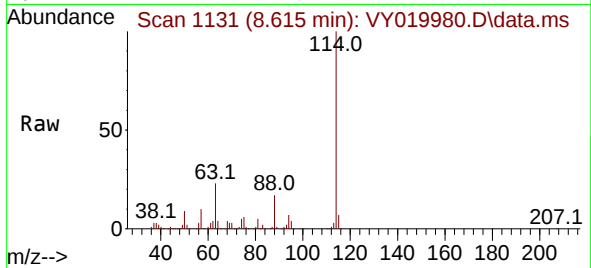




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

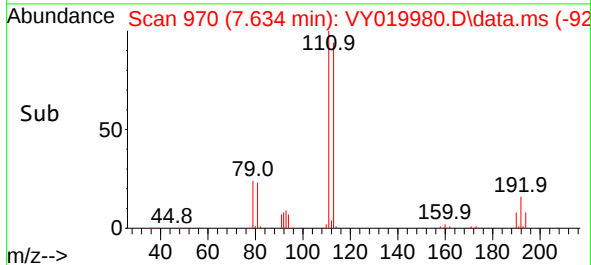
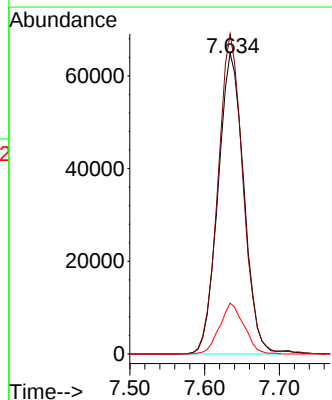
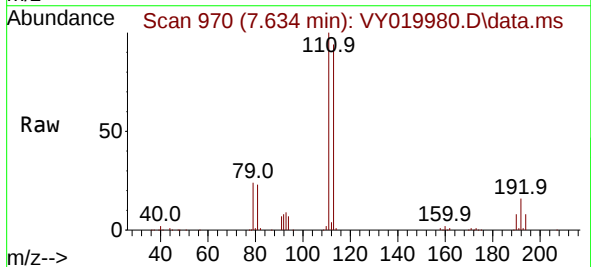
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB02

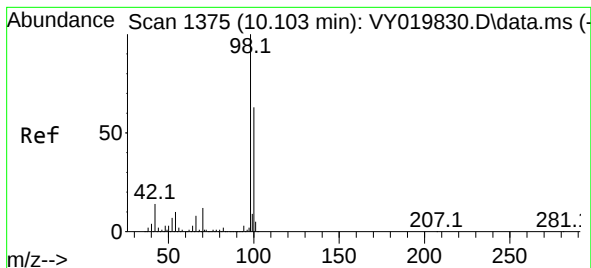
Tgt Ion:114 Resp: 479325
Ion Ratio Lower Upper
114 100
63 23.0 0.0 35.0
88 16.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.076 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

Tgt Ion:113 Resp: 155229
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 16.1 15.9 23.9

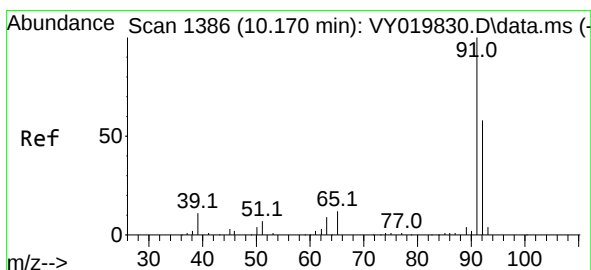
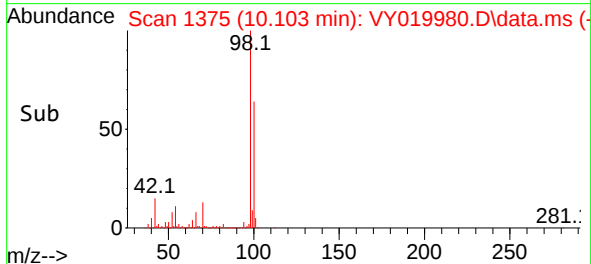
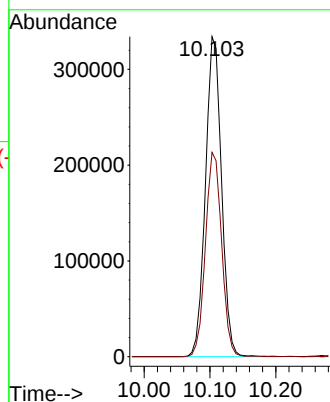
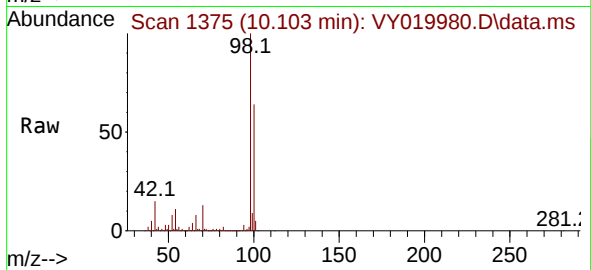




#50
Toluene-d8
Concen: 48.667 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

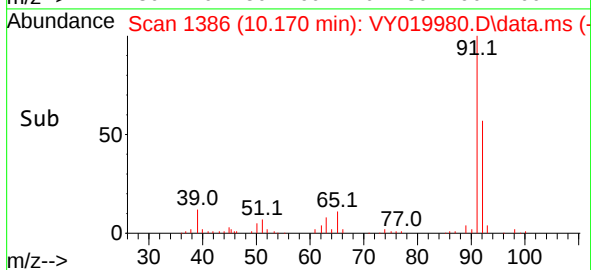
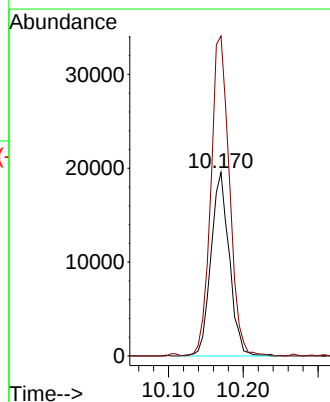
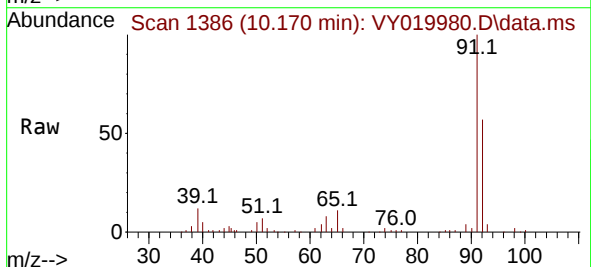
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB02

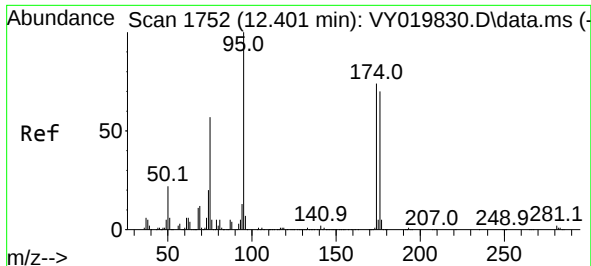
Tgt Ion: 98 Resp: 568464
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 3.859 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

Tgt Ion: 92 Resp: 33221
Ion Ratio Lower Upper
92 100
91 177.4 139.0 208.6





#62

4-Bromofluorobenzene

Concen: 29.402 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019980.D

Acq: 22 Oct 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

B-180-SB02

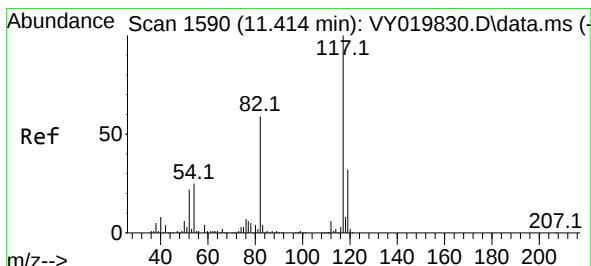
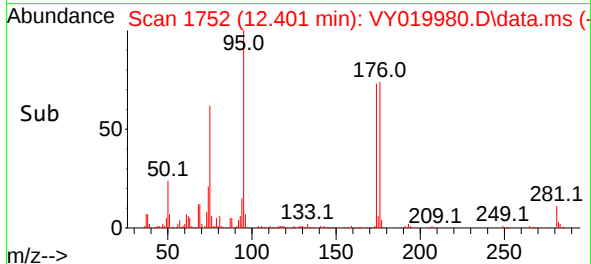
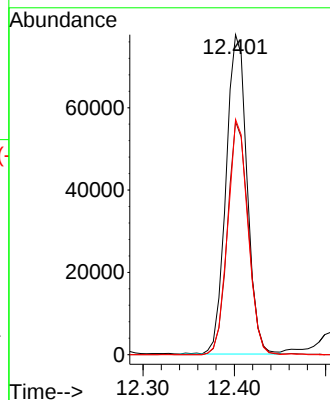
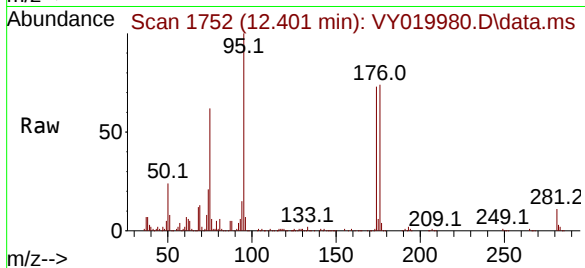
Tgt Ion: 95 Resp: 124092

Ion Ratio Lower Upper

95 100

174 71.9 0.0 175.6

176 71.1 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019980.D

Acq: 22 Oct 2024 14:46

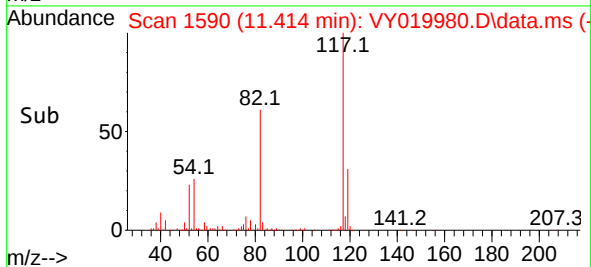
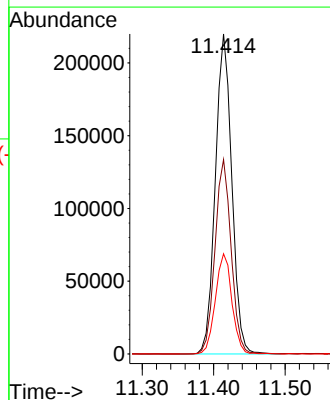
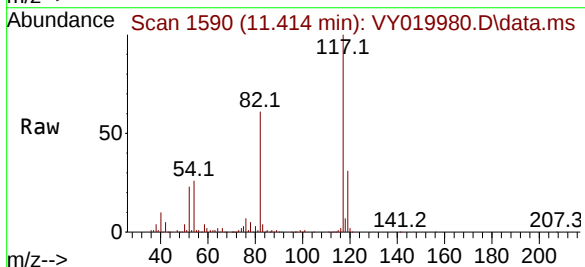
Tgt Ion: 117 Resp: 350885

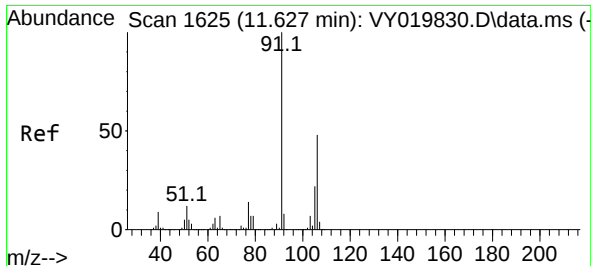
Ion Ratio Lower Upper

117 100

82 60.8 42.4 63.6

119 31.3 25.9 38.9

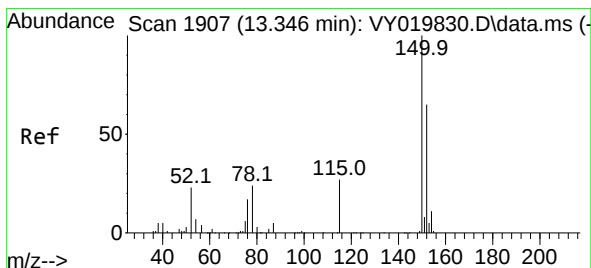
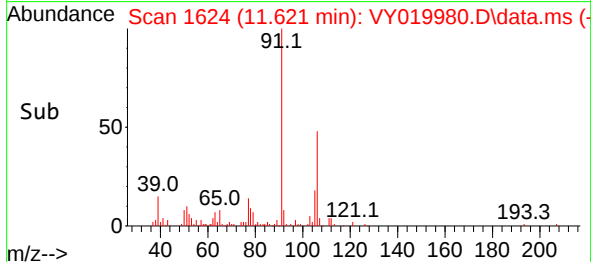
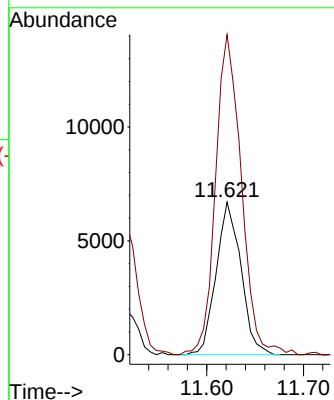
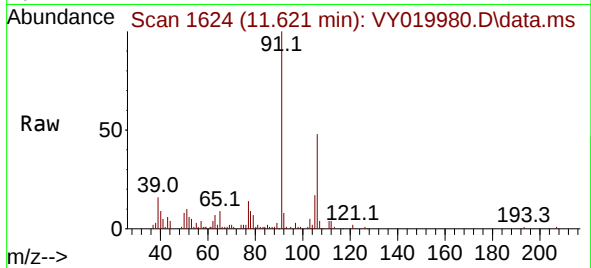




#68
m/p-Xylenes
Concen: 2.215 ug/l
RT: 11.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

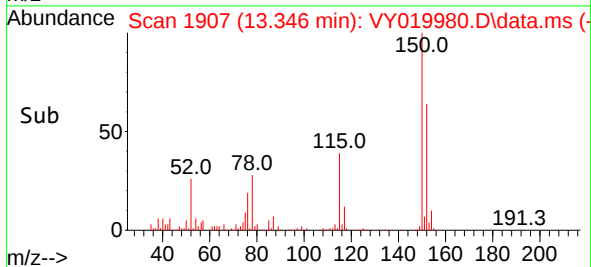
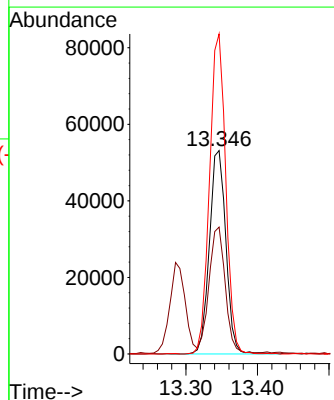
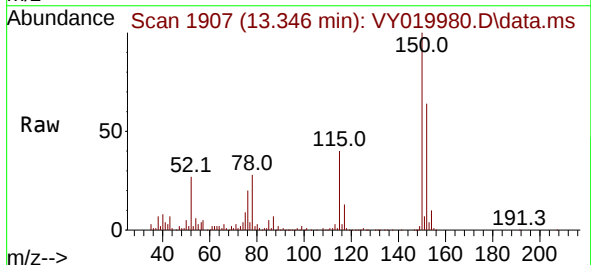
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB02

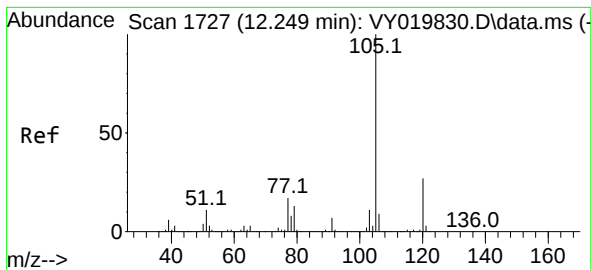
Tgt Ion:106 Resp: 11927
Ion Ratio Lower Upper
106 100
91 218.1 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019980.D
Acq: 22 Oct 2024 14:46

Tgt Ion:152 Resp: 85216
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 154.1 0.0 345.6





#73

Isopropylbenzene

Concen: 27.309 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019980.D

Acq: 22 Oct 2024 14:46

Instrument :

MSVOA_Y

ClientSampleId :

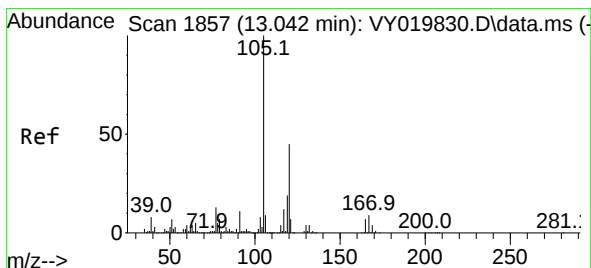
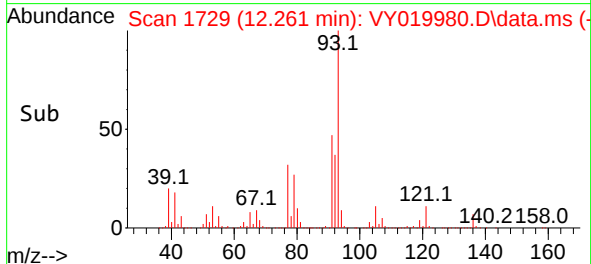
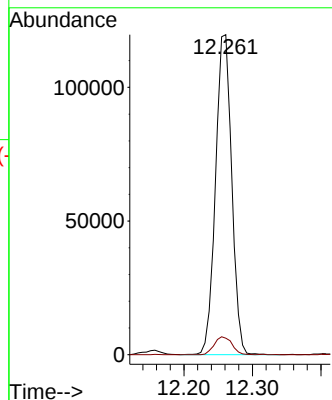
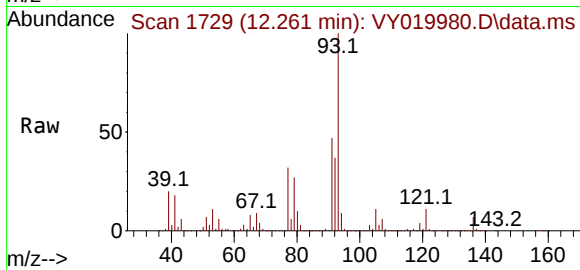
B-180-SB02

Tgt Ion:105 Resp: 195745

Ion Ratio Lower Upper

105 100

120 6.1 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 2.873 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019980.D

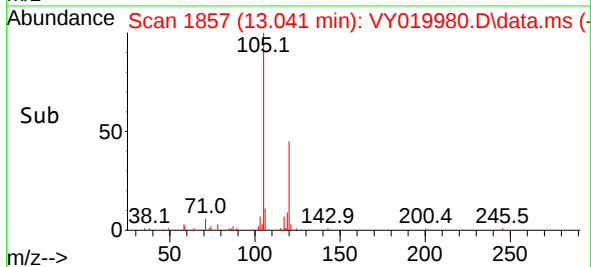
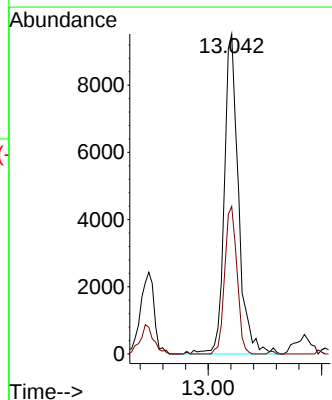
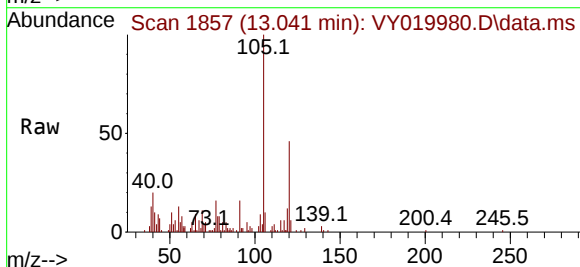
Acq: 22 Oct 2024 14:46

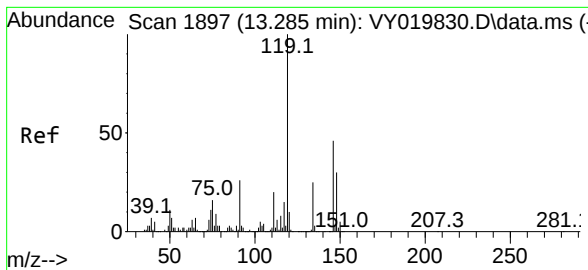
Tgt Ion:105 Resp: 16489

Ion Ratio Lower Upper

105 100

120 39.9 23.2 69.6





#86
 p-Isopropyltoluene
 Concen: 68.421 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY019980.D
 Acq: 22 Oct 2024 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-180-SB02

Tgt Ion:119 Resp: 430468
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 26.1 10.7 32.1

