

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016330.D
 Acq On : 13 Nov 2023 18:06
 Operator : SY/MD
 Sample : 05366-02
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-14(10-15)

Quant Time: Nov 14 04:39:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

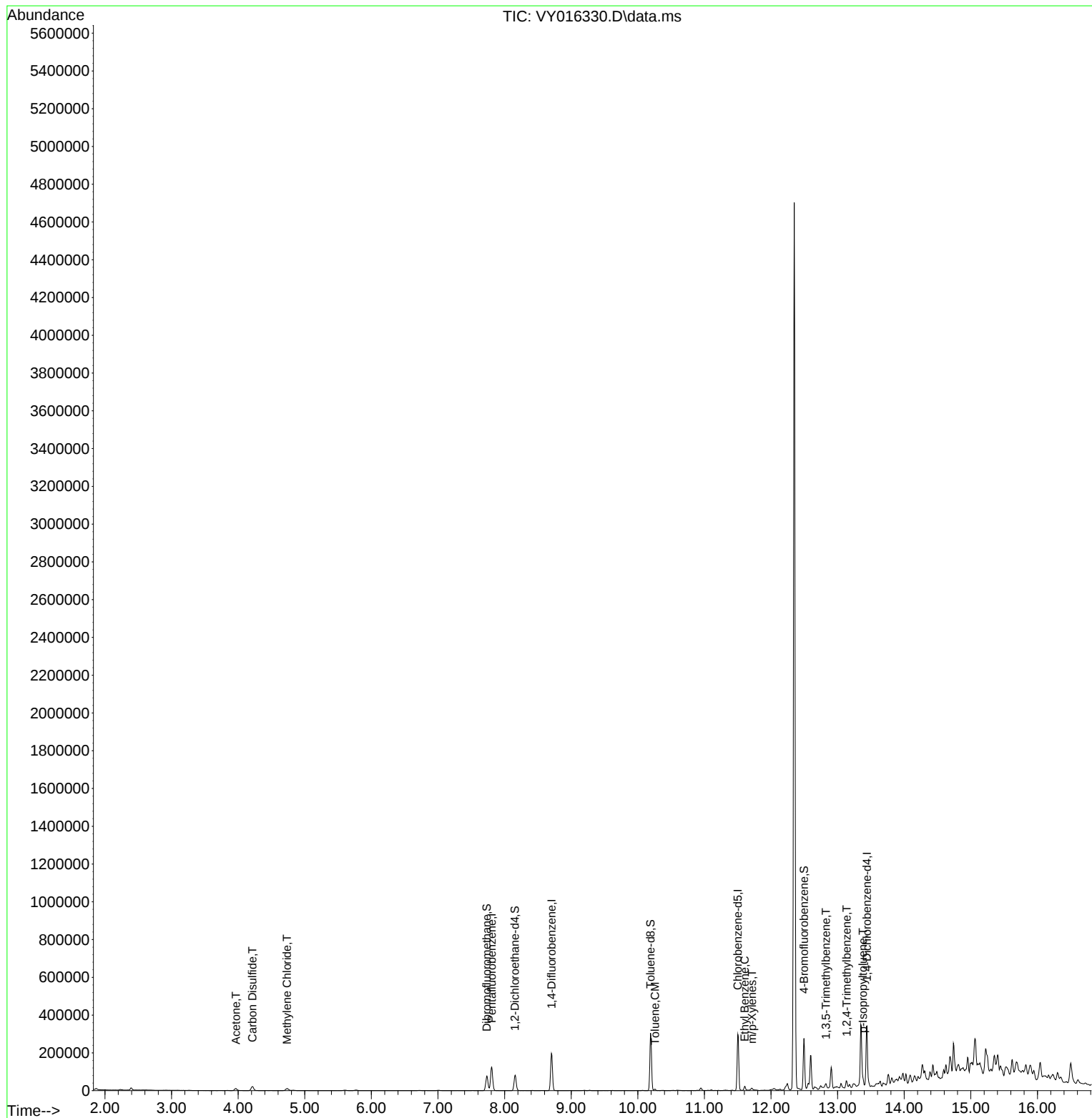
Internal Standards						
1) Pentafluorobenzene	7.807	168	98105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	172585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	87676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64160	71.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.120%
35) Dibromofluoromethane	7.734	113	54795	55.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.780%
50) Toluene-d8	10.191	98	205338	51.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.495	95	78758	60.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	121.980%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	19636	132.393	ug/l #	87
17) Carbon Disulfide	4.216	76	45458	15.197	ug/l	98
20) Methylene Chloride	4.734	84	8990	5.481	ug/l	89
52) Toluene	10.258	92	3199	1.058	ug/l	92
67) Ethyl Benzene	11.605	91	14168	2.159	ug/l	99
68) m/p-Xylenes	11.715	106	3420	1.374	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	8227	1.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	21235	3.767	ug/l	99
86) p-Isopropyltoluene	13.379	119	25515	4.114	ug/l #	76

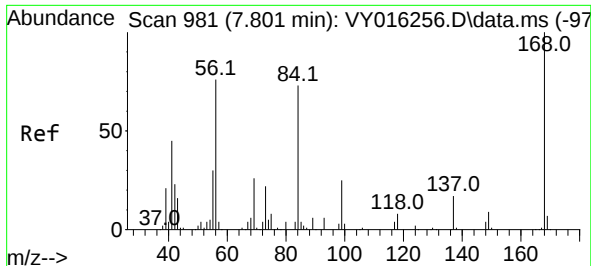
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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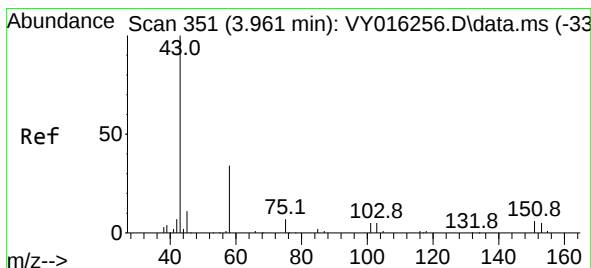
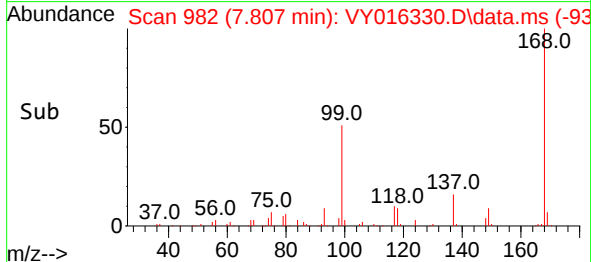
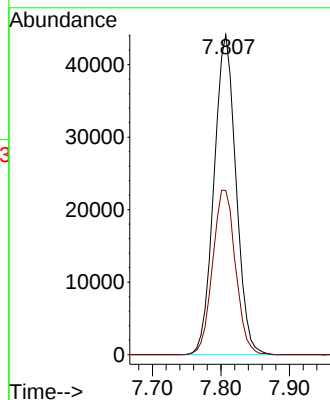
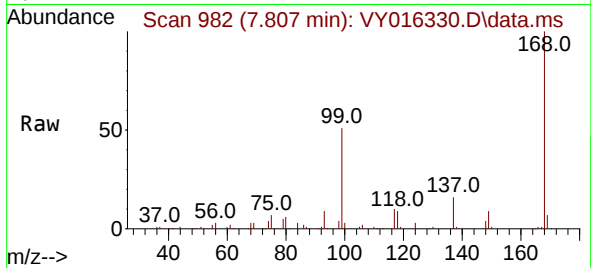




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

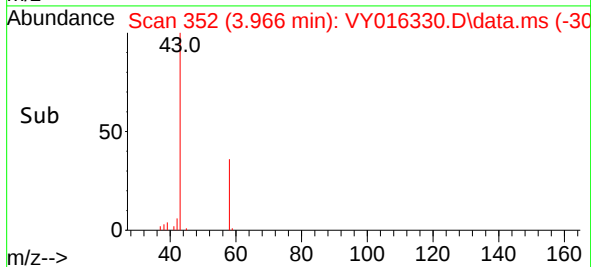
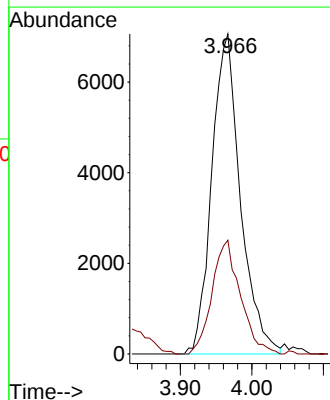
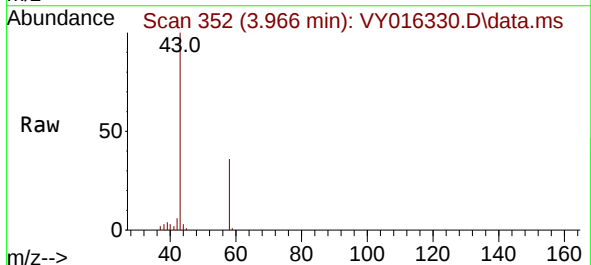
Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

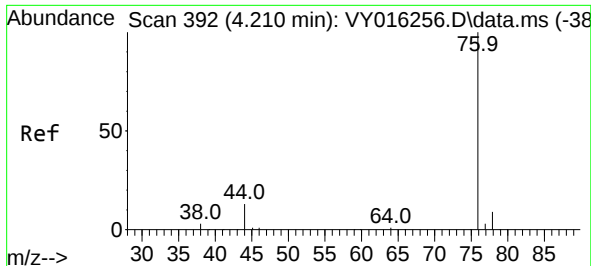
Tgt Ion:168 Resp: 98105
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#16
Acetone
Concen: 132.393 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

Tgt Ion: 43 Resp: 19636
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#





#17

Carbon Disulfide

Concen: 15.197 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016330.D

Acq: 13 Nov 2023 18:06

Instrument :

MSVOA_Y

ClientSampleId :

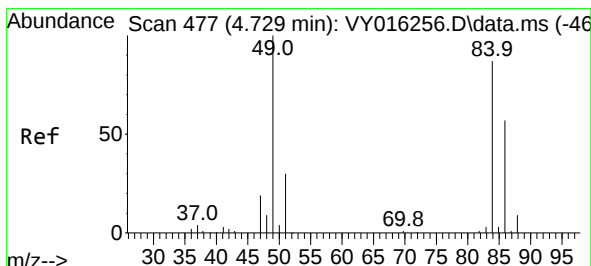
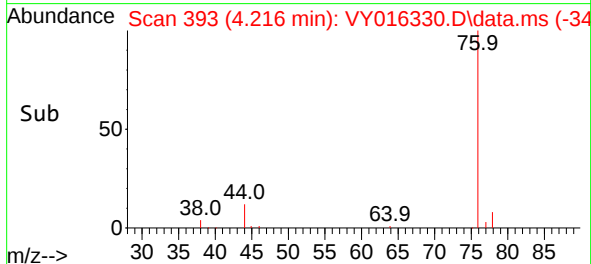
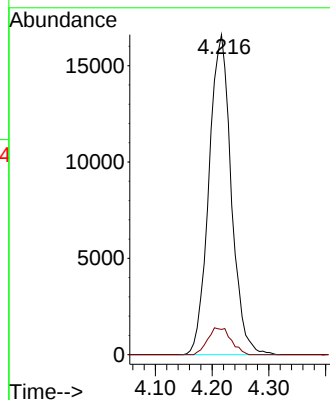
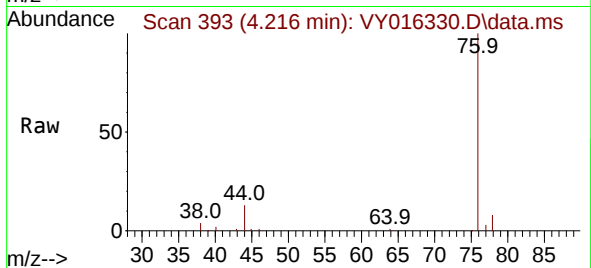
P-14(10-15)

Tgt Ion: 76 Resp: 45458

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4



#20

Methylene Chloride

Concen: 5.481 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.005 min

Lab File: VY016330.D

Acq: 13 Nov 2023 18:06

Tgt Ion: 84 Resp: 8990

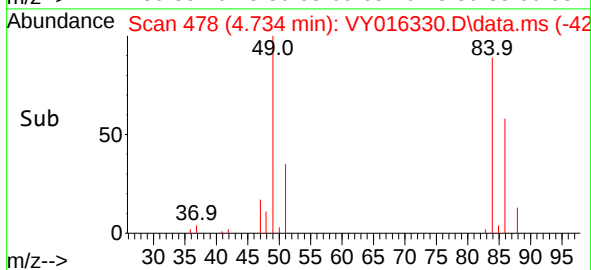
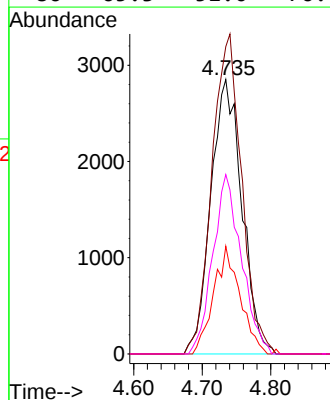
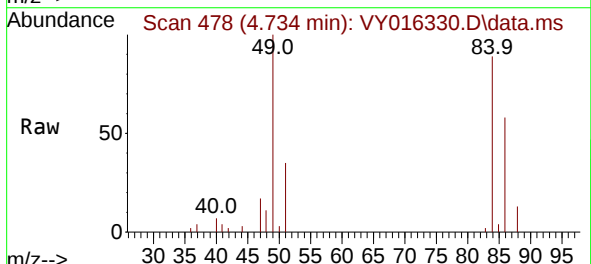
Ion Ratio Lower Upper

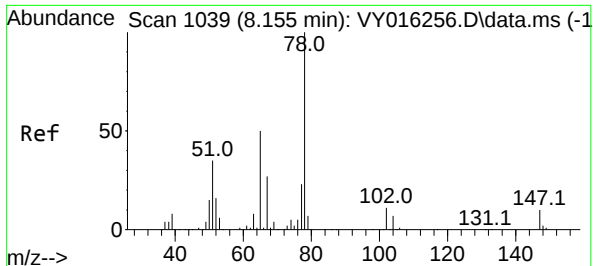
84 100

49 112.0 106.9 160.3

51 39.2 33.2 49.8

86 65.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 71.556 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016330.D

Acq: 13 Nov 2023 18:06

Instrument :

MSVOA_Y

ClientSampleId :

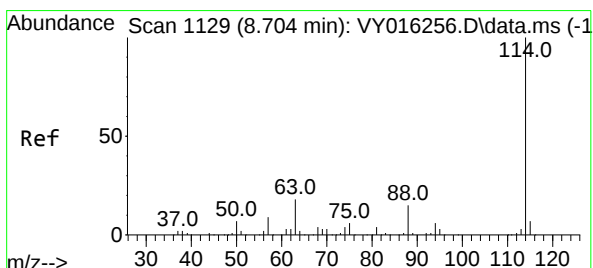
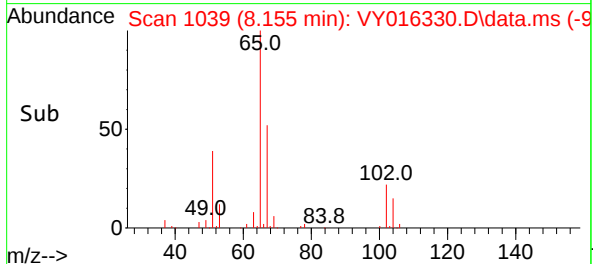
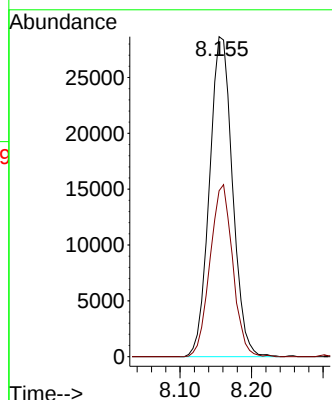
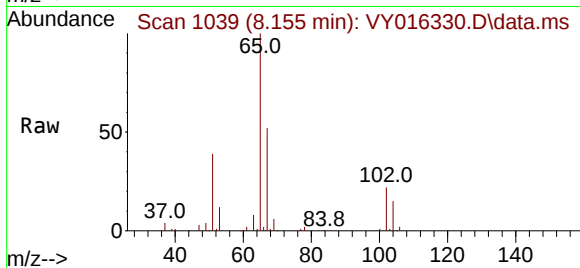
P-14(10-15)

Tgt Ion: 65 Resp: 64160

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016330.D

Acq: 13 Nov 2023 18:06

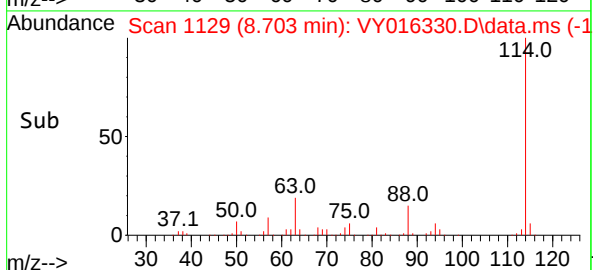
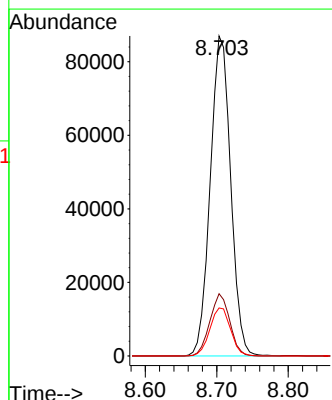
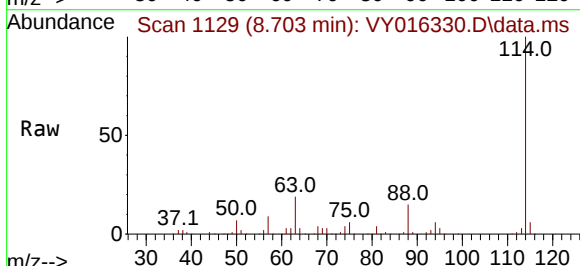
Tgt Ion: 114 Resp: 172585

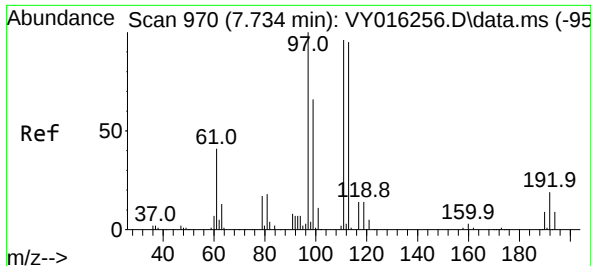
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.0 0.0 30.6

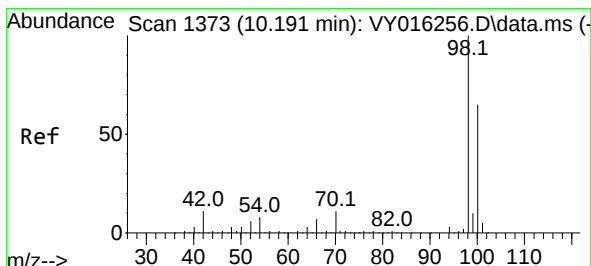
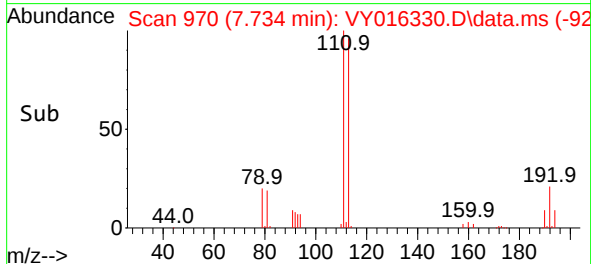
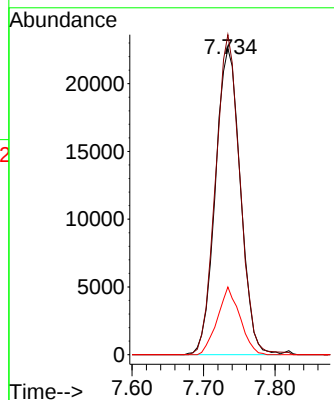
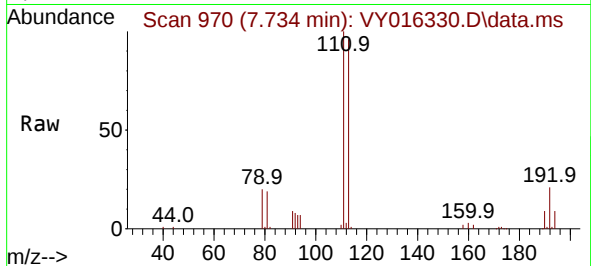




#35
 Dibromofluoromethane
 Concen: 55.891 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY016330.D
 Acq: 13 Nov 2023 18:06

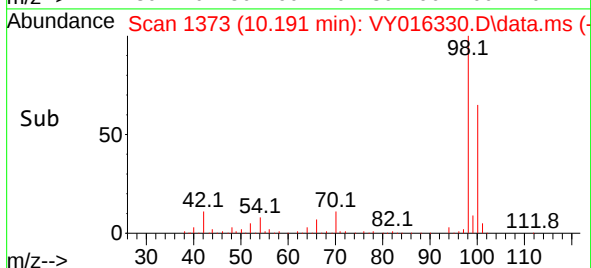
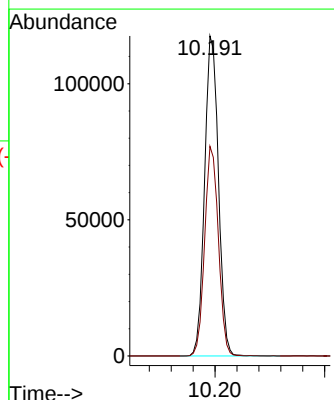
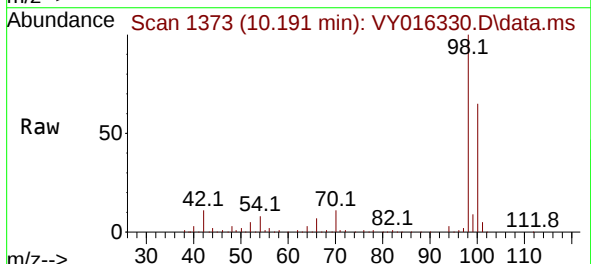
Instrument :
 MSVOA_Y
 ClientSampleId :
 P-14(10-15)

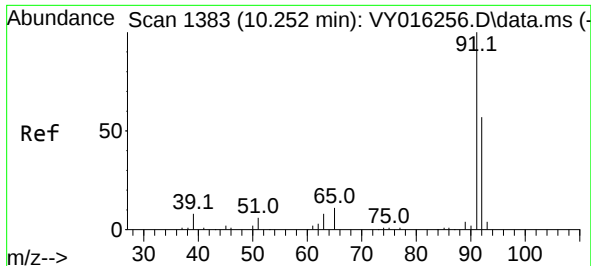
Tgt Ion:113	Resp:	54795
Ion	Ratio	Lower Upper
113	100	
111	102.1	81.3 121.9
192	19.9	16.9 25.3



#50
 Toluene-d8
 Concen: 51.648 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016330.D
 Acq: 13 Nov 2023 18:06

Tgt Ion: 98	Resp:	205338
Ion	Ratio	Lower Upper
98	100	
100	65.0	50.1 75.1

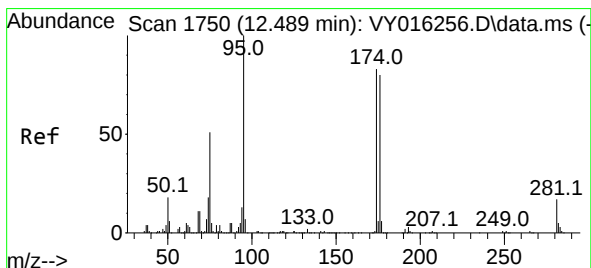
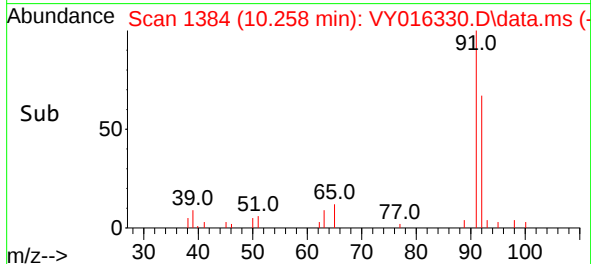
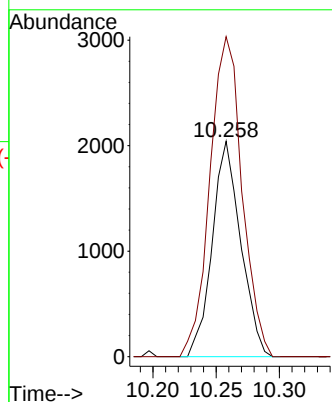
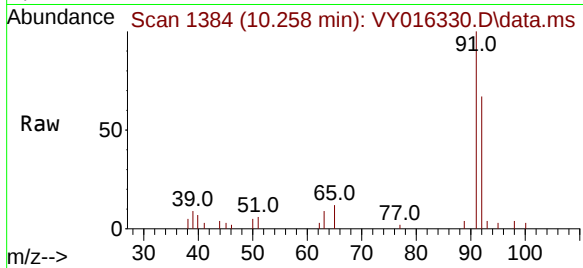




#52
Toluene
Concen: 1.058 ug/l
RT: 10.258 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

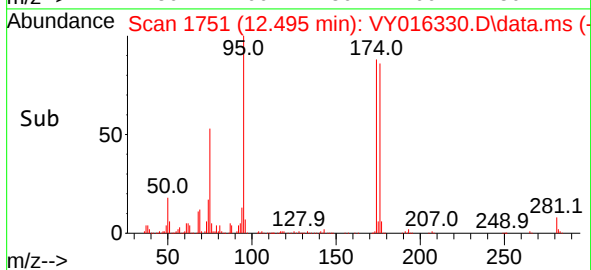
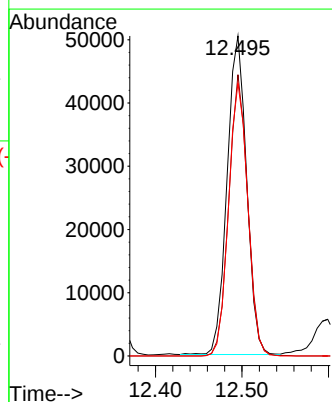
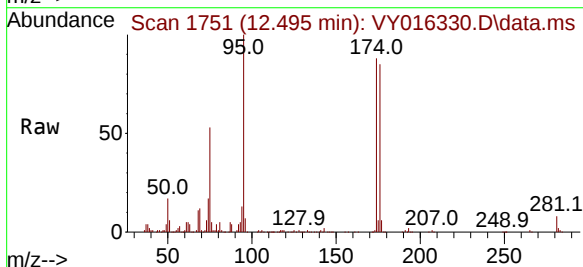
Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

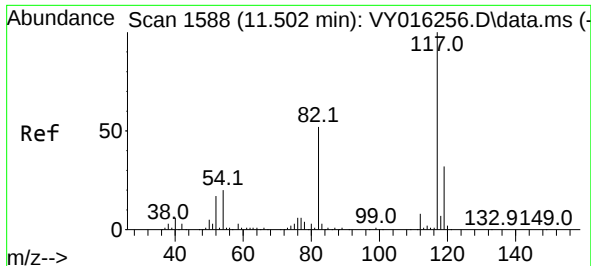
Tgt Ion: 92 Resp: 3199
Ion Ratio Lower Upper
92 100
91 167.8 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 60.994 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

Tgt Ion: 95 Resp: 78758
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 84.5 0.0 173.8

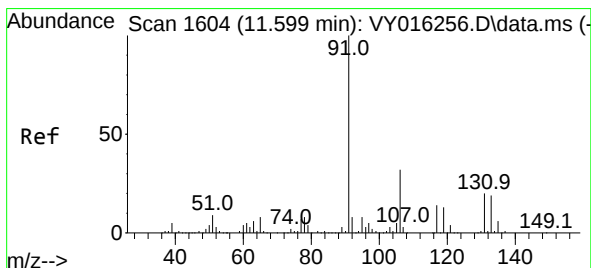
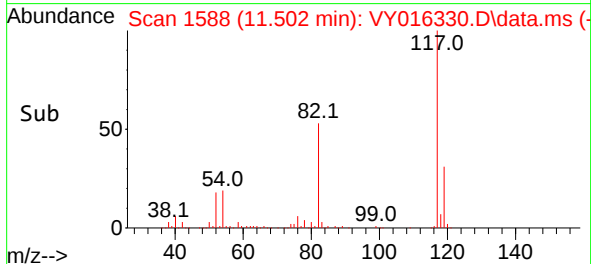
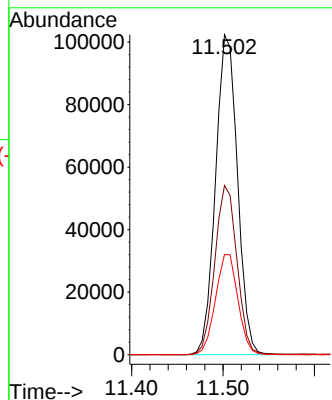
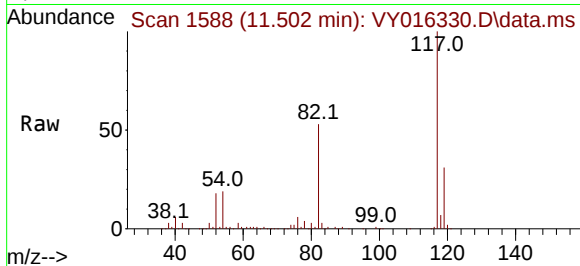




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

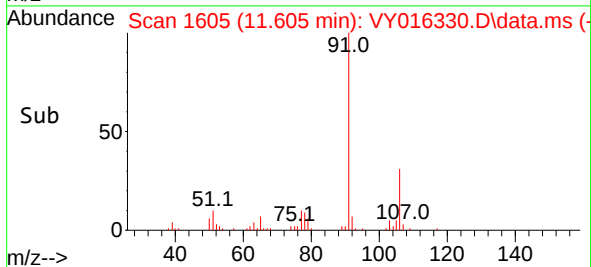
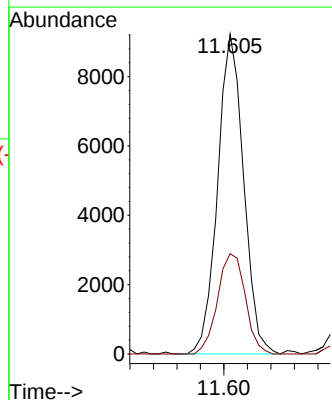
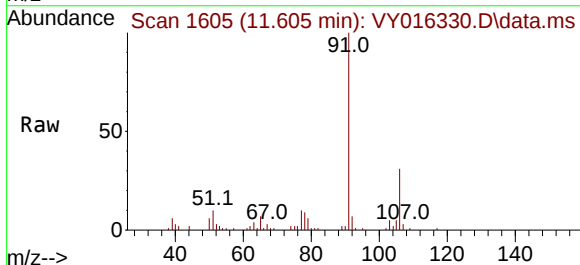
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P-14(10-15)

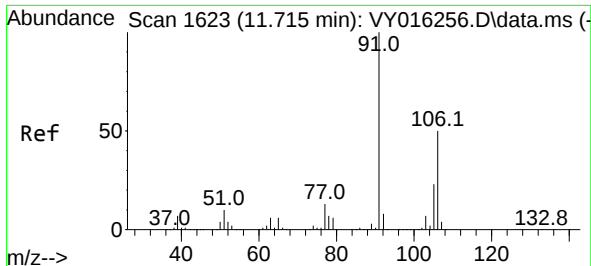
Tgt Ion:117 Resp: 170879
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.3 26.3 39.5



#67
Ethyl Benzene
Concen: 2.159 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

Tgt Ion: 91 Resp: 14168
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

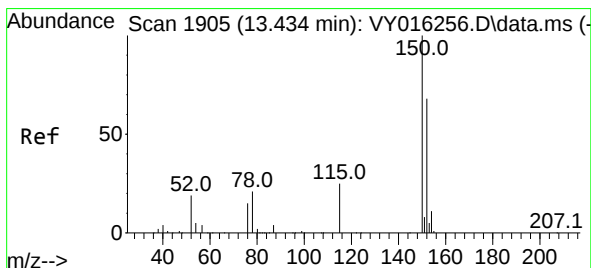
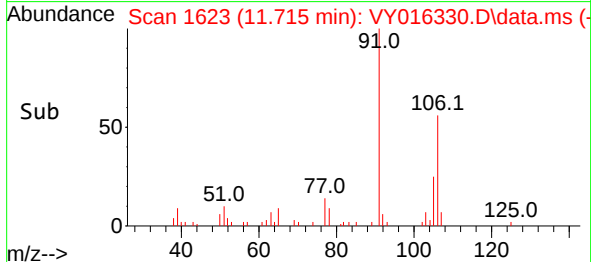
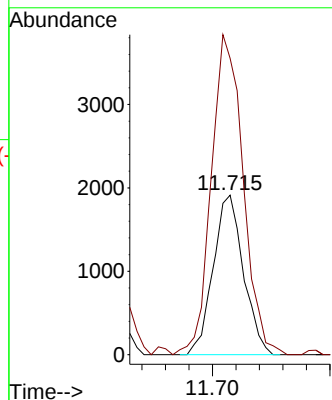
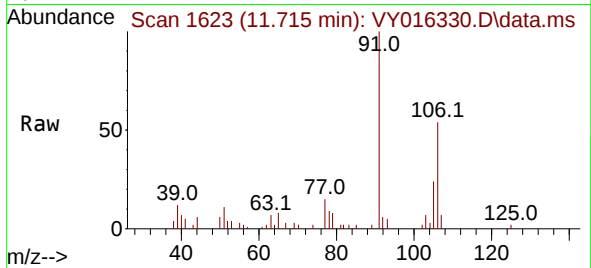




#68
m/p-Xylenes
Concen: 1.374 ug/l
RT: 11.715 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

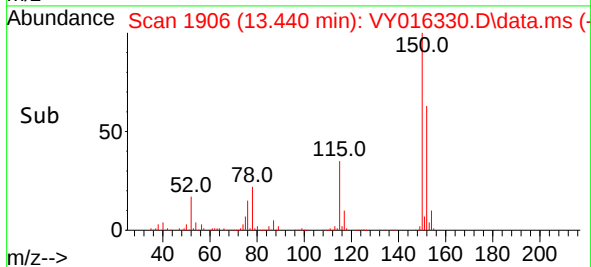
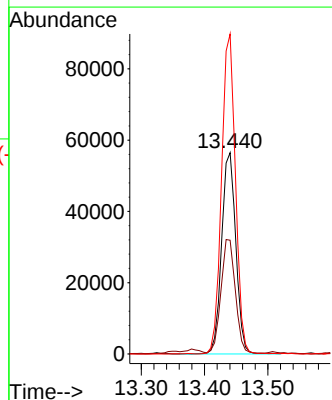
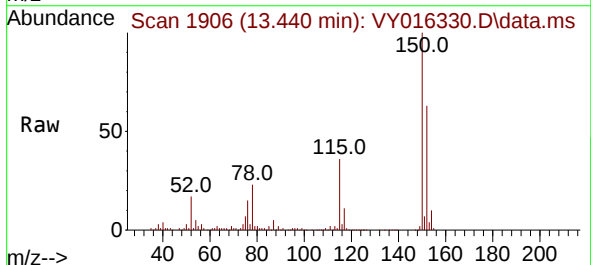
Instrument :
MSVOA_Y
ClientSampleId :
P-14(10-15)

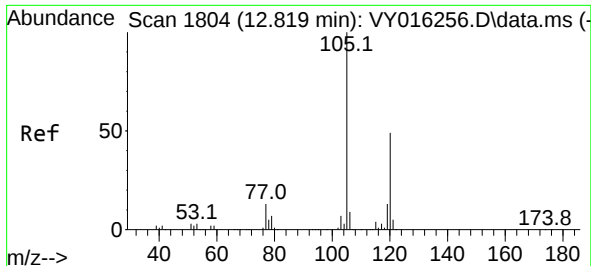
Tgt Ion:106 Resp: 3420
Ion Ratio Lower Upper
106 100
91 211.1 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016330.D
Acq: 13 Nov 2023 18:06

Tgt Ion:152 Resp: 87676
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 155.5 0.0 348.8

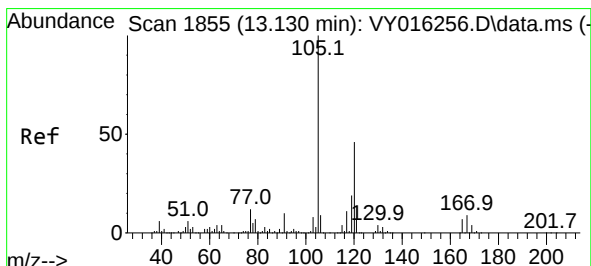
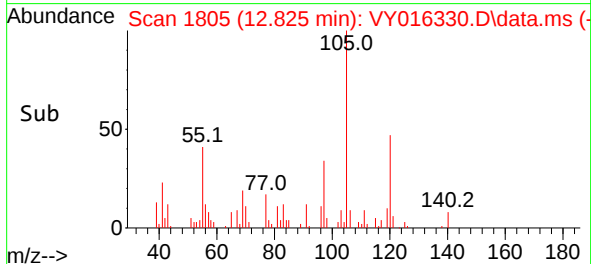
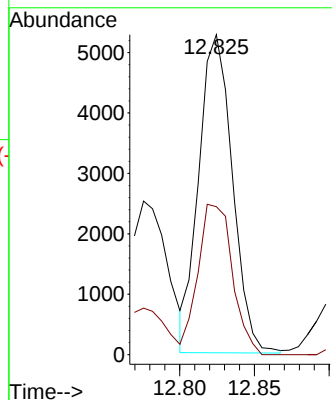
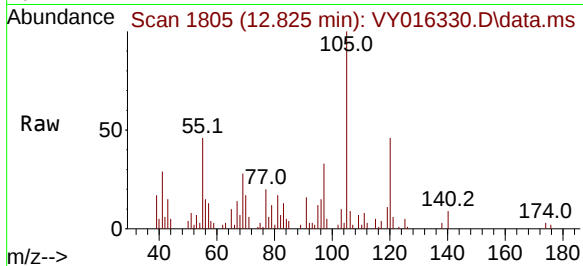




#80
 1,3,5-Trimethylbenzene
 Concen: 1.437 ug/l
 RT: 12.825 min Scan# 1805
 Delta R.T. 0.006 min
 Lab File: VY016330.D
 Acq: 13 Nov 2023 18:06

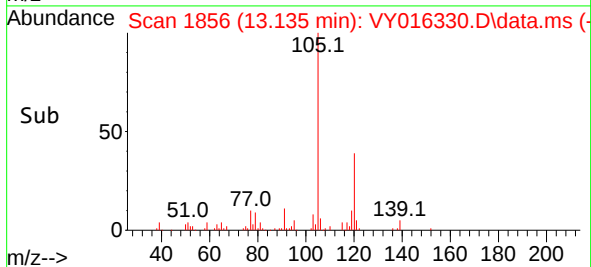
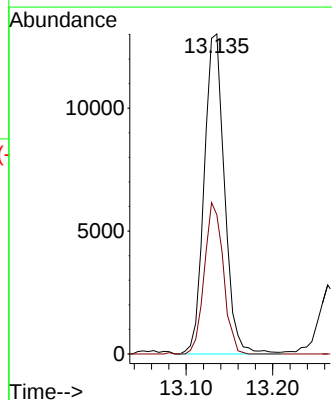
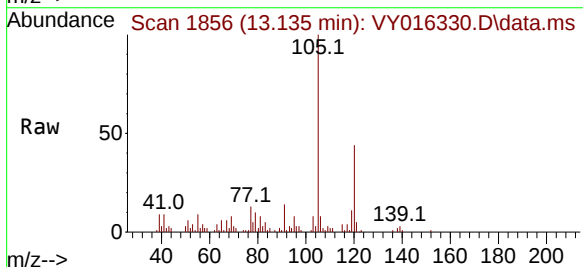
Instrument :
 MSVOA_Y
 ClientSampleId :
 P-14(10-15)

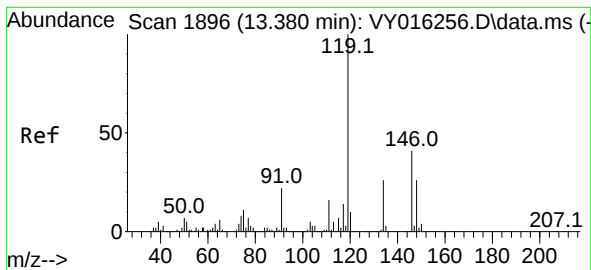
Tgt Ion:105 Resp: 8227
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.9 71.7



#84
 1,2,4-Trimethylbenzene
 Concen: 3.767 ug/l
 RT: 13.135 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: VY016330.D
 Acq: 13 Nov 2023 18:06

Tgt Ion:105 Resp: 21235
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.2 66.6





#86

p-Isopropyltoluene

Concen: 4.114 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016330.D

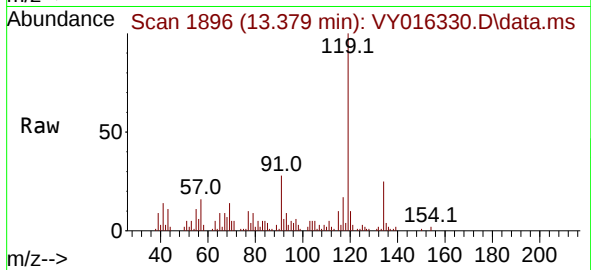
Acq: 13 Nov 2023 18:06

Instrument :

MSVOA_Y

ClientSampleId :

P-14(10-15)



Tgt Ion:119 Resp: 25515

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 0.0 12.4 37.4#

