

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY007007.D
 Acq On : 07 Dec 2021 19:28
 Operator : SY/MD
 Sample : M4887-21
 Misc : 4.96g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 02:59:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 02:54:31 2021
 Response via : Initial Calibration

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

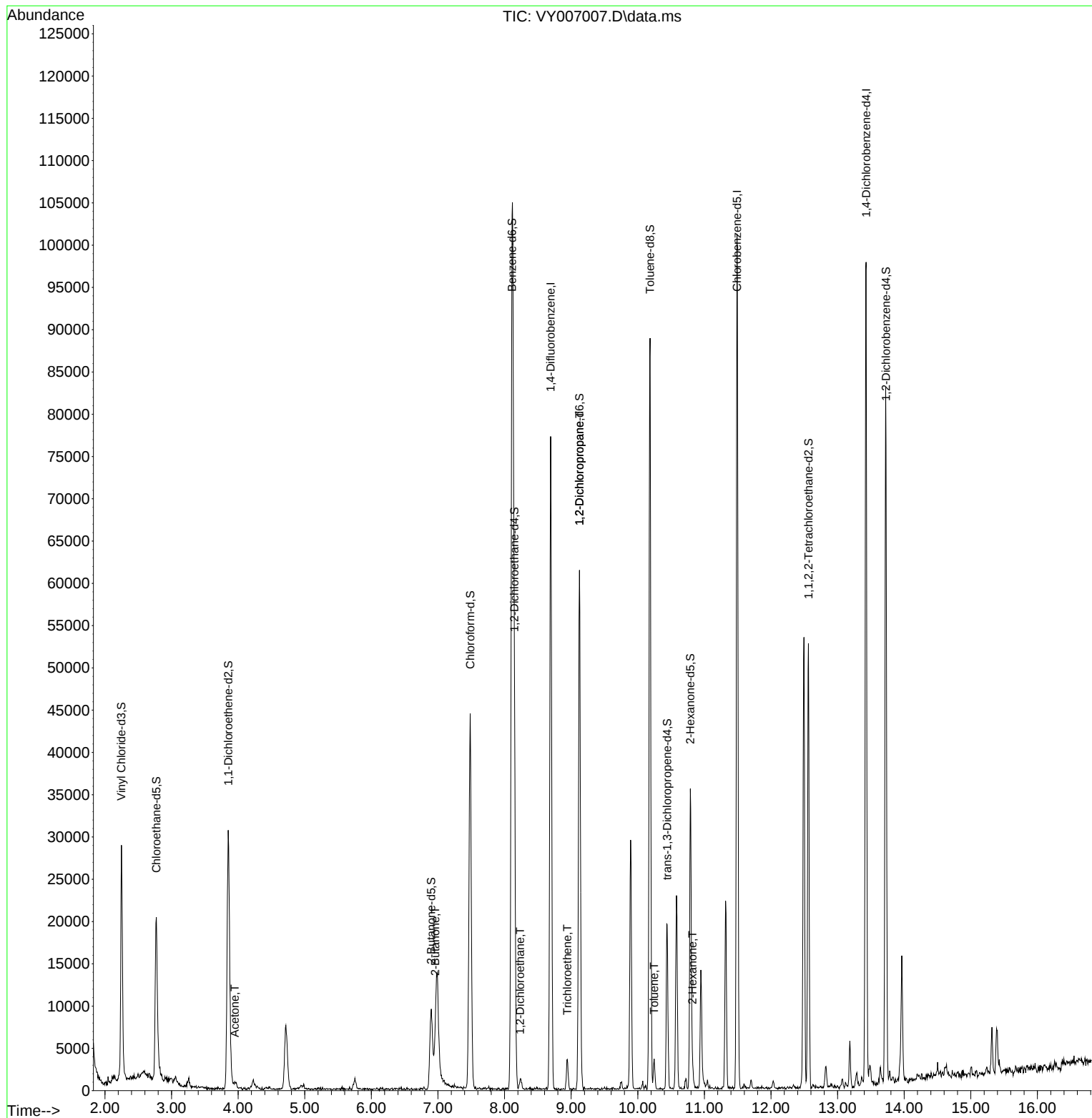
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	57118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	48904	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	23872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	29088	22.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
7) Chloroethane-d5	2.772	69	24031	24.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.920%
11) 1,1-Dichloroethene-d2	3.851	63	30162	15.222	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.880%
21) 2-Butanone-d5	6.899	46	17553	47.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.380%
24) Chloroform-d	7.484	84	41489	22.909	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	8.149	65	27438	25.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%
32) Benzene-d6	8.112	84	73512	22.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.124	67	27847	25.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	10.185	98	56208	19.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	10.441	79	10325	20.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.789	63	11335	45.758	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	24556	26.616	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.480%
66) 1,2-Dichlorobenzene-d4	13.727	152	18904	20.598	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.400%
Target Compounds						Qvalue
13) Acetone	3.948	43	1480	4.607	ug/L	90
22) 2-Butanone	6.960	43	5542	12.252	ug/L #	55
27) 1,2-Dichloroethane	8.234	62	1355	1.058	ug/L #	77
34) Trichloroethene	8.941	95	1200	1.369	ug/L	95
37) 1,2-Dichloropropane	9.124	63	2977	2.971	ug/L #	89
42) Toluene	10.246	91	2511	0.655	ug/L #	75
48) 2-Hexanone	10.819	43	1376	2.266	ug/L #	40

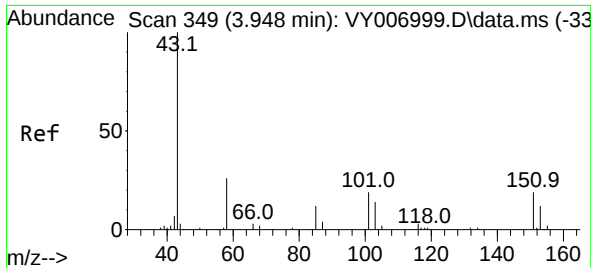
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
Data File : VY007007.D
Acq On : 07 Dec 2021 19:28
Operator : SY/MD
Sample : M4887-21
Misc : 4.96g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

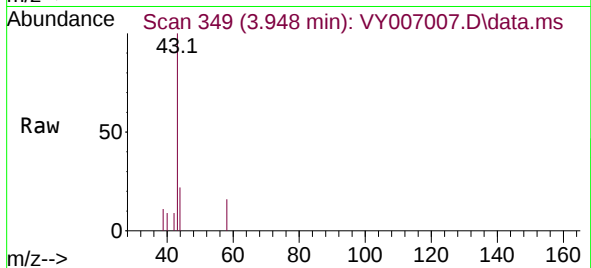
Quant Time: Dec 08 02:59:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 08 02:54:31 2021
Response via : Initial Calibration



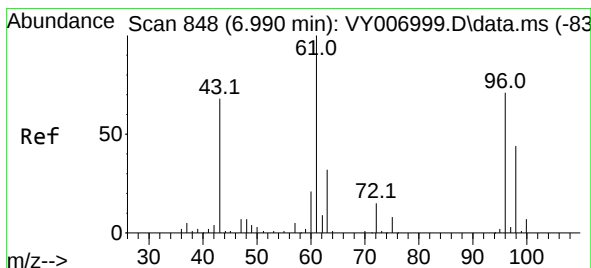
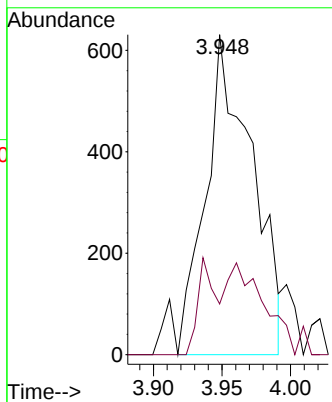
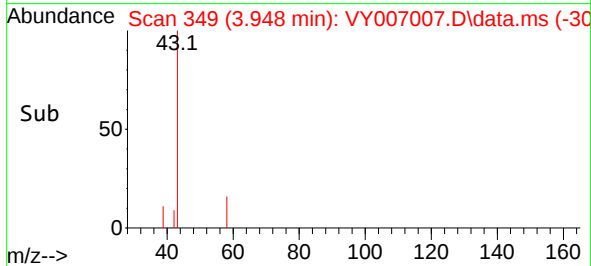


#13
Acetone
Concen: 4.607 ug/L
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007007.D
Acq: 07 Dec 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :

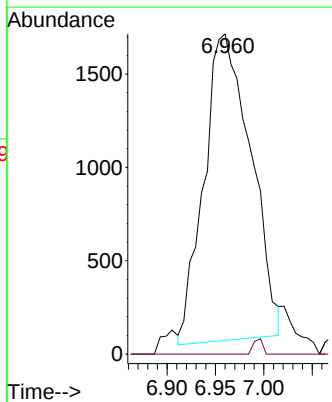
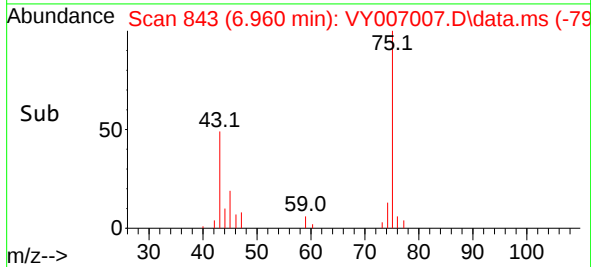
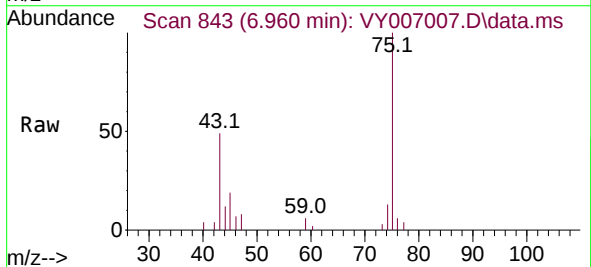


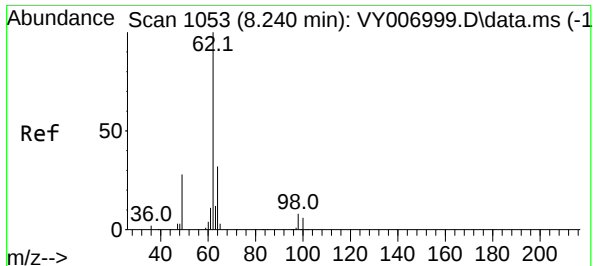
Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 23.0 0.0 56.4



#22
2-Butanone
Concen: 12.252 ug/L
RT: 6.960 min Scan# 843
Delta R.T. -0.030 min
Lab File: VY007007.D
Acq: 07 Dec 2021 19:28

Tgt Ion: 43 Resp: 5542
Ion Ratio Lower Upper
43 100
72 1.0 11.4 34.2#





#27

1,2-Dichloroethane

Concen: 1.058 ug/L

RT: 8.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007007.D

Acq: 07 Dec 2021 19:28

Instrument :

MSVOA_Y

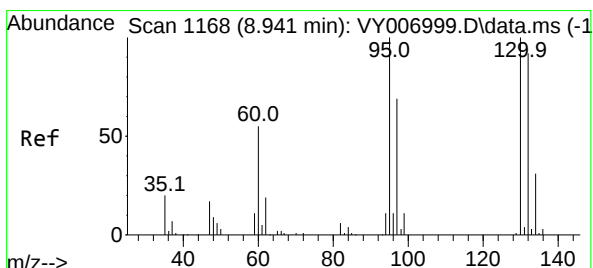
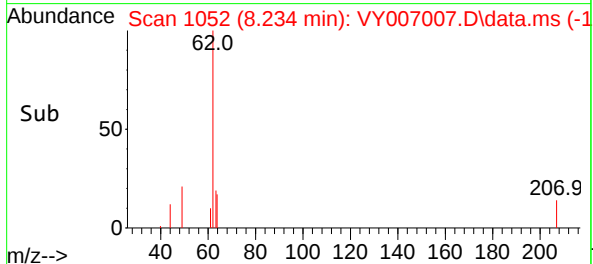
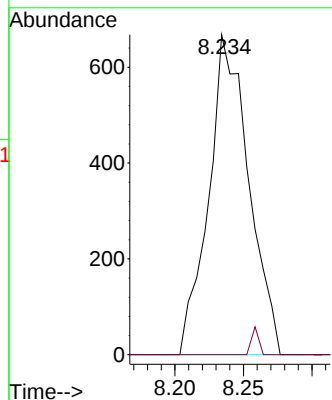
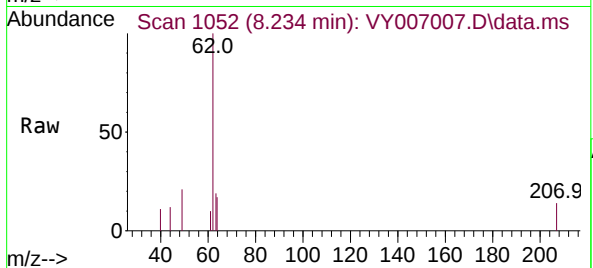
ClientSampleId :

Tgt Ion: 62 Resp: 1355

Ion Ratio Lower Upper

62 100

98 0.0 6.6 9.8#



#34

Trichloroethene

Concen: 1.369 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY007007.D

Acq: 07 Dec 2021 19:28

Tgt Ion: 95 Resp: 1200

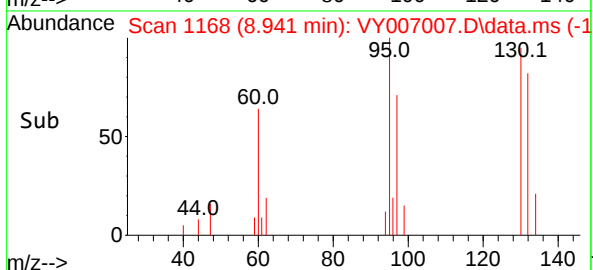
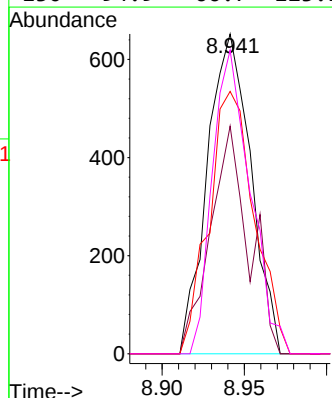
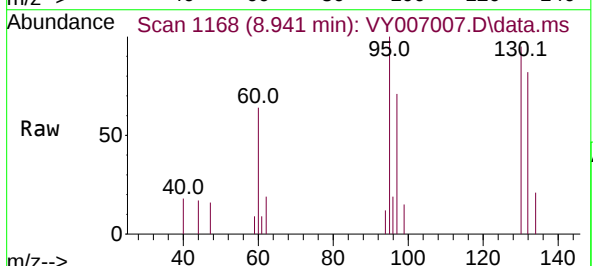
Ion Ratio Lower Upper

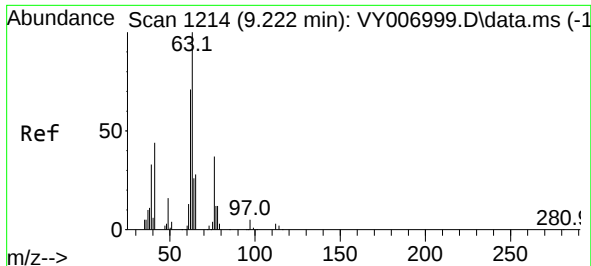
95 100

97 71.2 46.4 86.2

132 82.1 63.0 117.0

130 94.9 66.7 123.9





#37

1,2-Dichloropropane

Concen: 2.971 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.097 min

Lab File: VY007007.D

Acq: 07 Dec 2021 19:28

Instrument :

MSVOA_Y

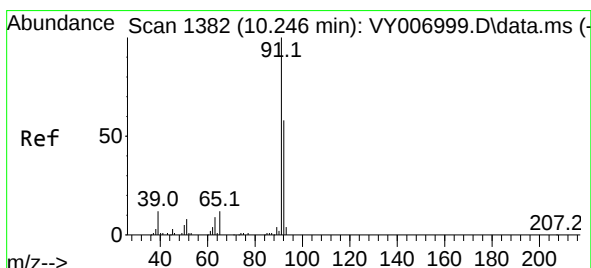
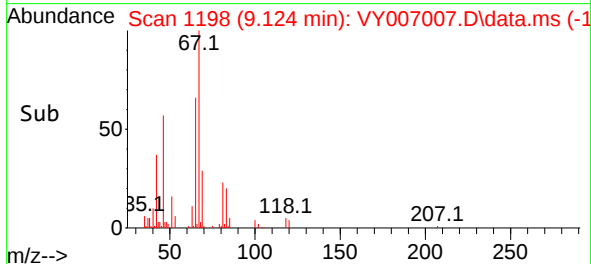
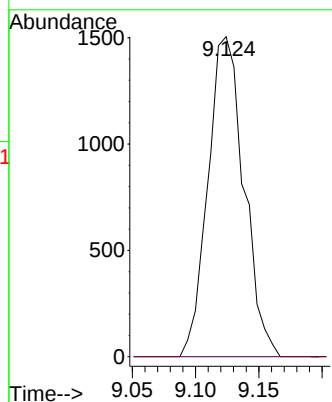
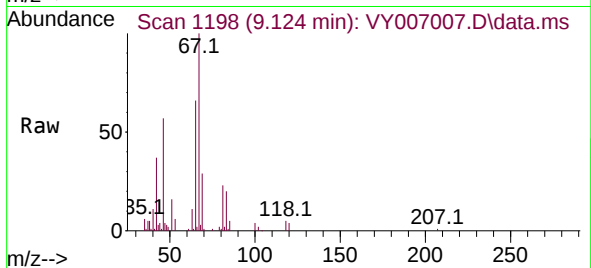
ClientSampleId :

Tgt Ion: 63 Resp: 2977

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#42

Toluene

Concen: 0.655 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY007007.D

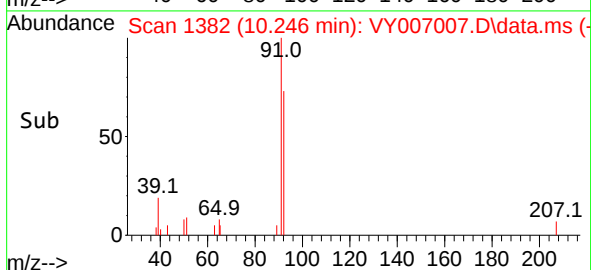
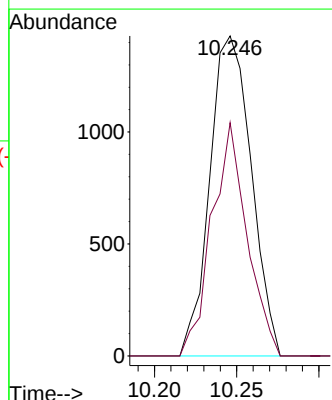
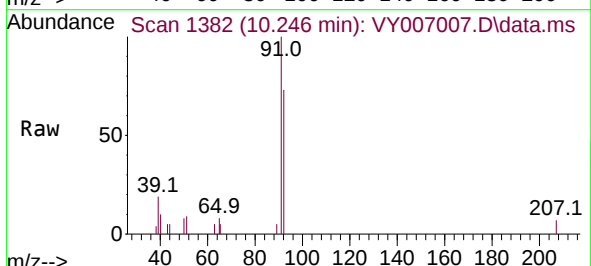
Acq: 07 Dec 2021 19:28

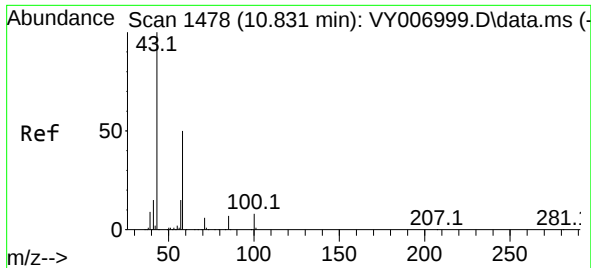
Tgt Ion: 91 Resp: 2511

Ion Ratio Lower Upper

91 100

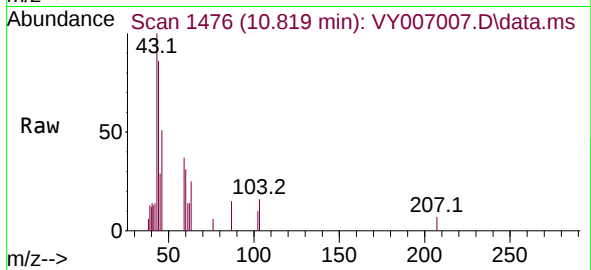
92 72.9 38.2 71.0#





#48
 2-Hexanone
 Concen: 2.266 ug/L
 RT: 10.819 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: VY007007.D
 Acq: 07 Dec 2021 19:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 43	Resp: 1376
Ion Ratio	Lower Upper
43	100
58	0.0 40.1 60.1#
57	0.0 13.0 19.6#
100	0.0 6.9 10.3#

