

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020197.D
 Acq On : 24 Sep 2021 17:07
 Operator : SY/VA
 Sample : M3874-14RE
 Misc : 4.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 25 00:43:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	386342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	298722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	117990	14.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.720%
7) Chloroethane-d5	2.898	69	101747	17.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.360%
11) 1,1-Dichloroethene-d2	4.025	63	148345	11.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.960%
21) 2-Butanone-d5	7.092	46	31258	25.629	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.260%
24) Chloroform-d	7.653	84	210434	17.319	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.280%
26) 1,2-Dichloroethane-d4	8.311	65	107710	16.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.880%#
32) Benzene-d6	8.281	84	392641	20.602	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	9.281	67	116591	21.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.560%
41) Toluene-d8	10.329	98	372603	21.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.960%
43) trans-1,3-Dichloroprop...	10.579	79	42376	17.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.920%
47) 2-Hexanone-d5	10.927	63	28380	37.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	64927	15.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	51707	18.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.240%#
Target Compounds	Qvalue					
13) Acetone	4.135	43	40183	38.469	ug/L	99
16) Methylene chloride	4.922	84	19085	2.800	ug/L	93
22) 2-Butanone	7.183	43	17523	12.930	ug/L	91
29) Cyclohexane	7.958	56	4119	0.620	ug/L	92
33) Benzene	8.329	78	11898	0.660	ug/L	100
35) Methylcyclohexane	9.342	83	57805	7.351	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3466	0.526	ug/L #	74
42) Toluene	10.390	91	12167	0.635	ug/L	95
45) 1,1,2-Trichloroethane	10.762	97	98886	30.201	ug/L #	22
48) 2-Hexanone	10.933	43	57697	36.830	ug/L #	38
51) Chlorobenzene	11.658	112	5890	0.473	ug/L #	85
52) Ethylbenzene	11.731	91	8257	0.391	ug/L #	68
53) m,p-Xylene	11.847	106	87832	10.921	ug/L	96
60) Isopropylbenzene	12.463	105	3986	0.389	ug/L #	81
63) 1,2,4-Trimethylbenzene	13.249	105	2699173	326.959	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.456	75	1148	3.546	ug/L #	6

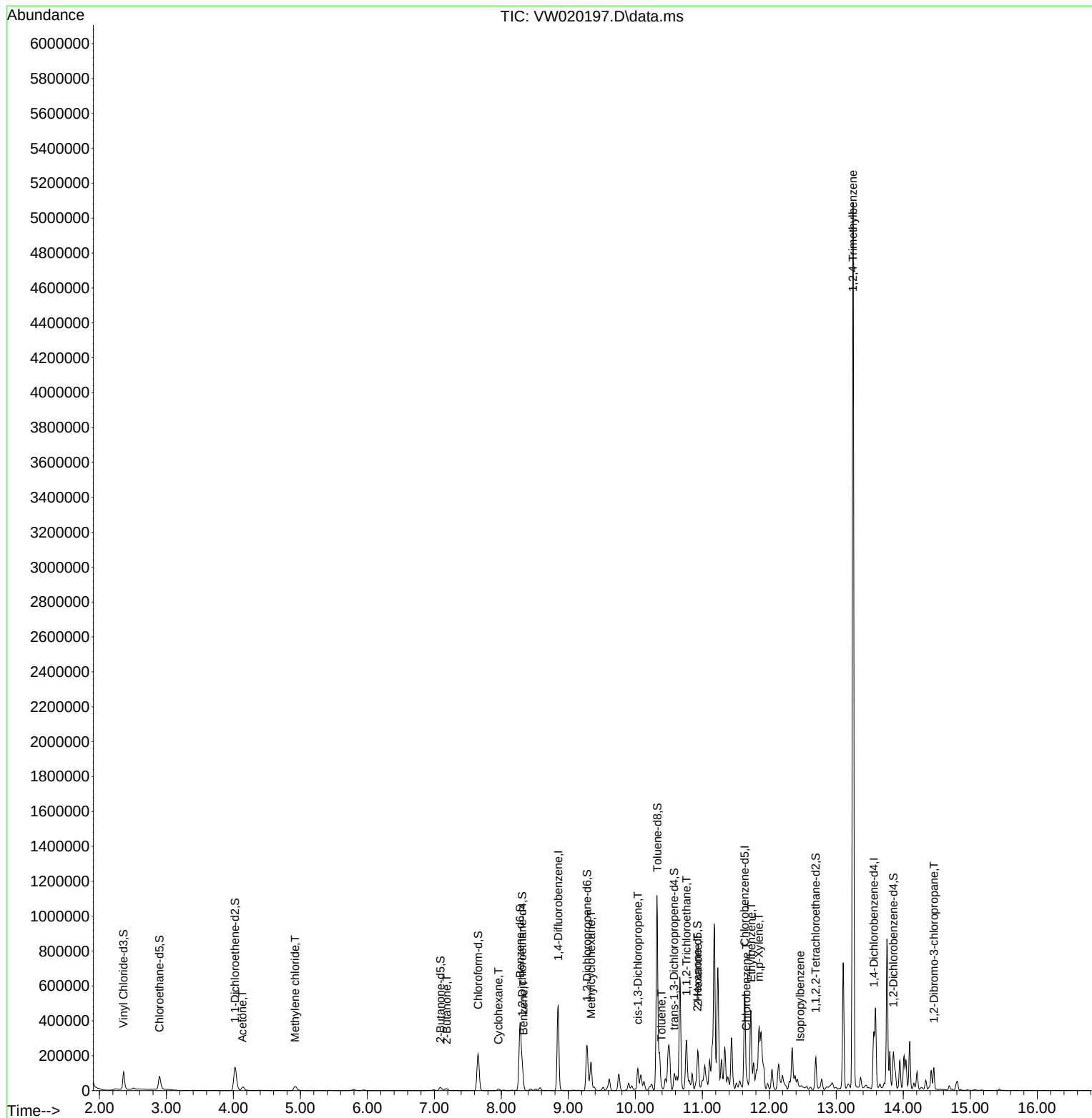
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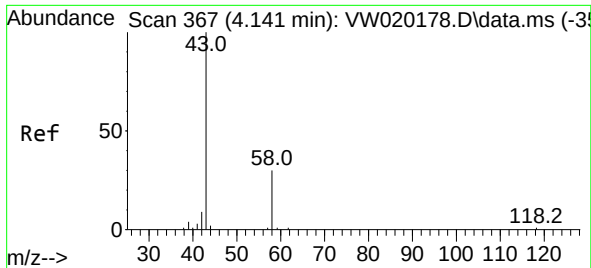
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 25 00:37:21 2021
Response via : Initial Calibration

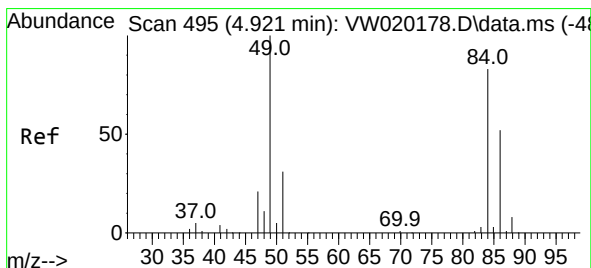
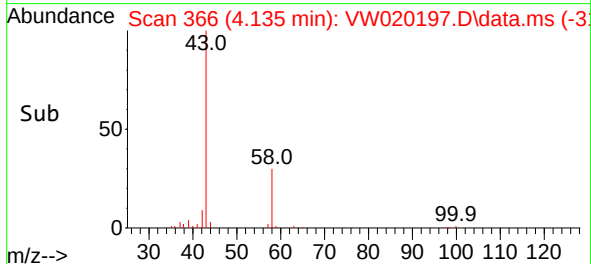
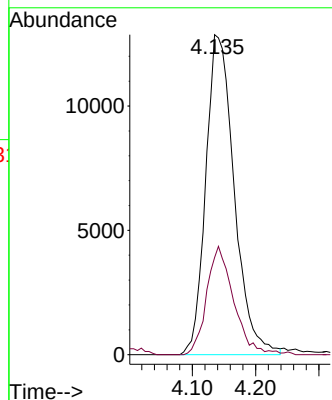
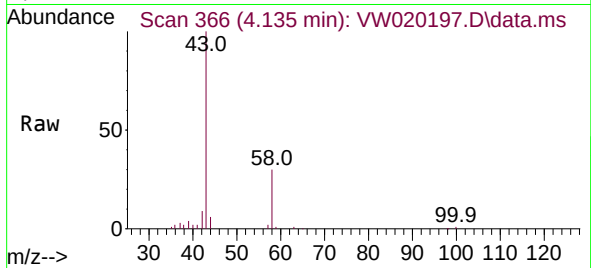




#13
Acetone
Concen: 38.469 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

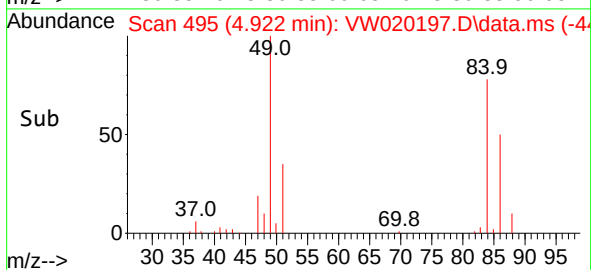
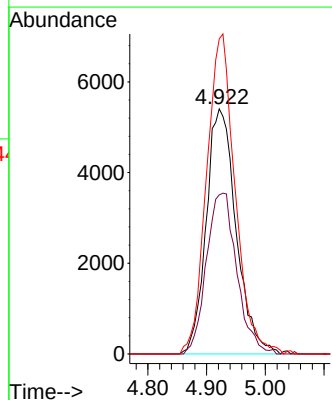
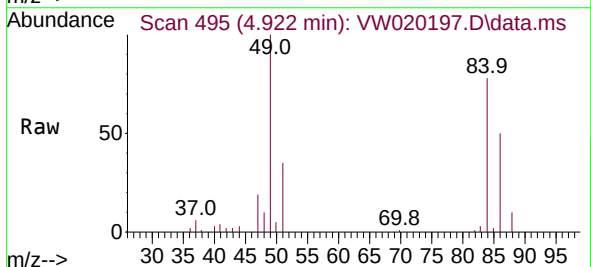
Instrument :
MSVOA_W
ClientSampled :

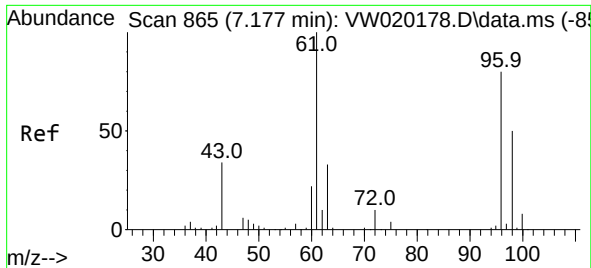
Tgt Ion: 43 Resp: 40183
Ion Ratio Lower Upper
43 100
58 31.6 0.0 61.6



#16
Methylene chloride
Concen: 2.800 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

Tgt Ion: 84 Resp: 19085
Ion Ratio Lower Upper
84 100
86 64.9 42.6 79.0
49 128.6 83.4 154.8

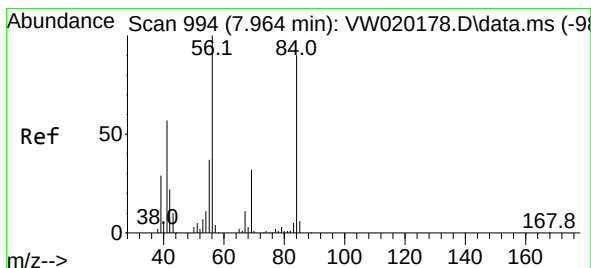
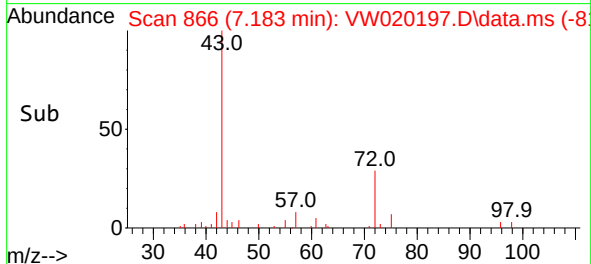
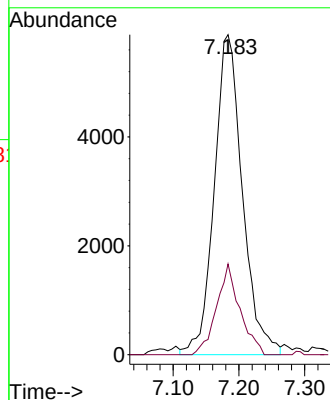
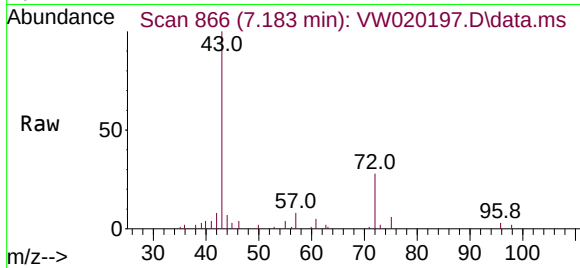




#22
2-Butanone
Concen: 12.930 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

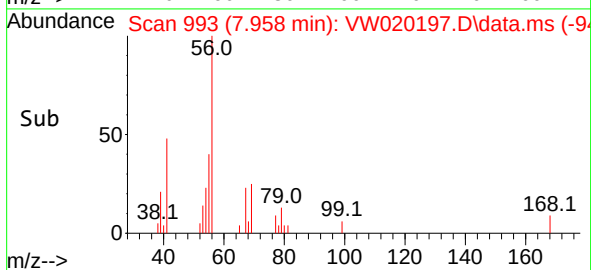
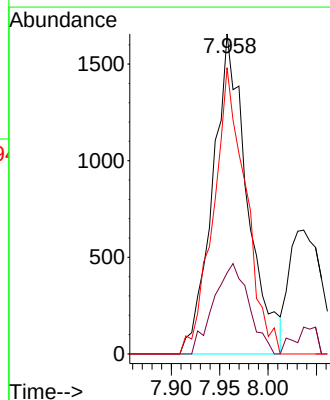
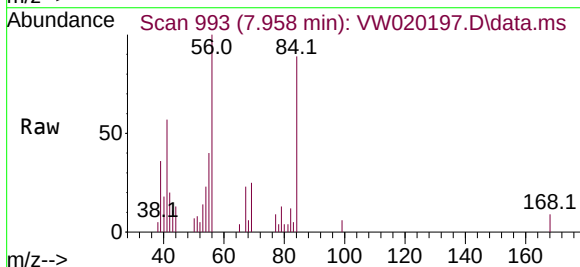
Instrument :
MSVOA_W
ClientSampled :

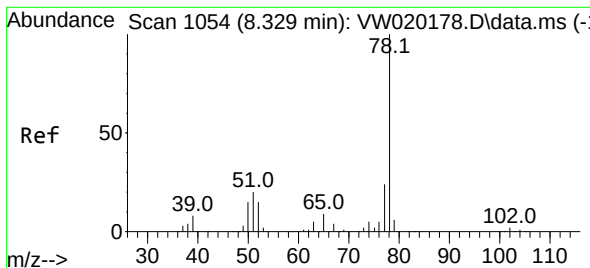
Tgt Ion: 43 Resp: 17523
Ion Ratio Lower Upper
43 100
72 23.4 14.1 42.2



#29
Cyclohexane
Concen: 0.620 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

Tgt Ion: 56 Resp: 4119
Ion Ratio Lower Upper
56 100
69 28.6 25.7 38.5
84 83.7 73.4 110.2





#33

Benzene

Concen: 0.660 ug/L

RT: 8.329 min Scan# 1054

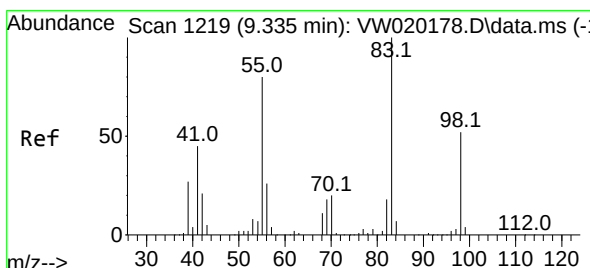
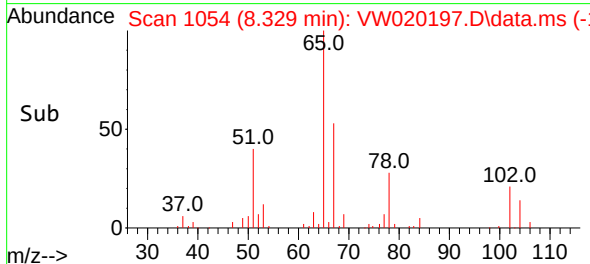
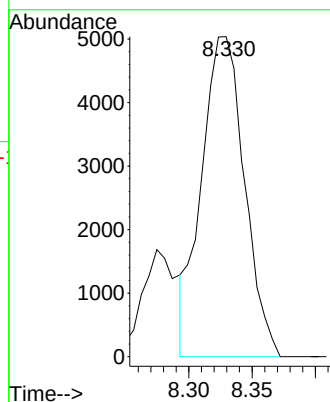
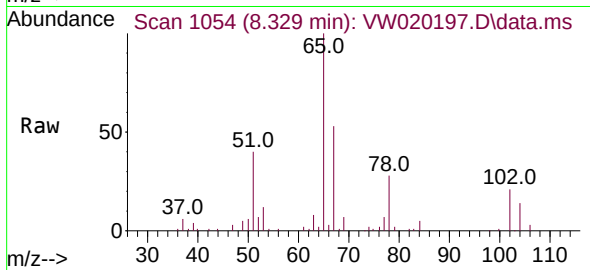
Delta R.T. 0.000 min

Lab File: VW020197.D

Acq: 24 Sep 2021 17:07

Tgt Ion: 78 Resp: 11898

Instrument :
MSVOA_W
ClientSampled :



#35

Methylcyclohexane

Concen: 7.351 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW020197.D

Acq: 24 Sep 2021 17:07

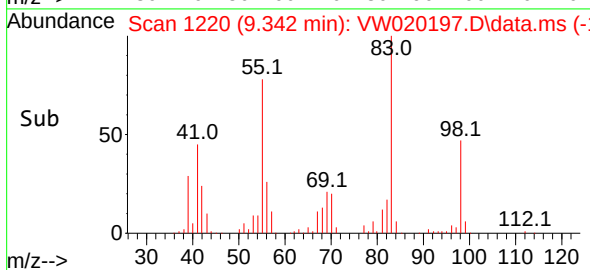
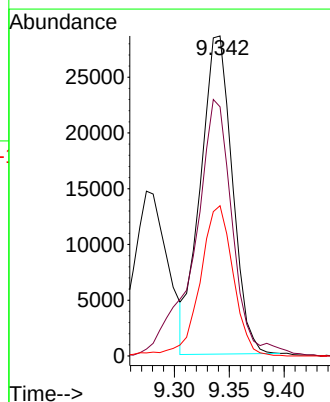
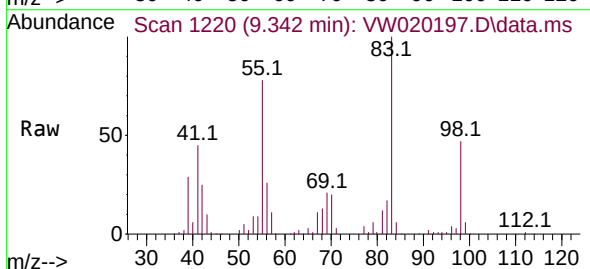
Tgt Ion: 83 Resp: 57805

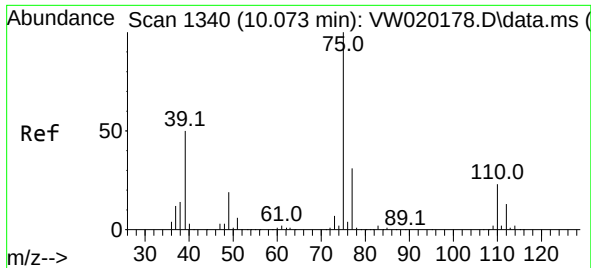
Ion Ratio Lower Upper

83 100

55 93.7 61.4 92.2#

98 48.4 38.1 57.1

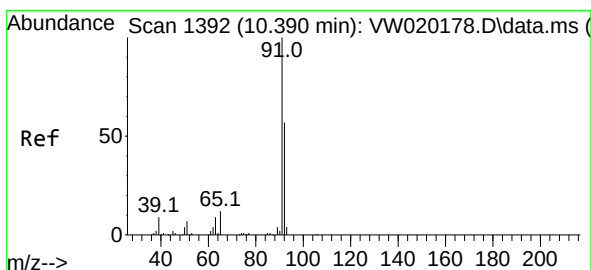
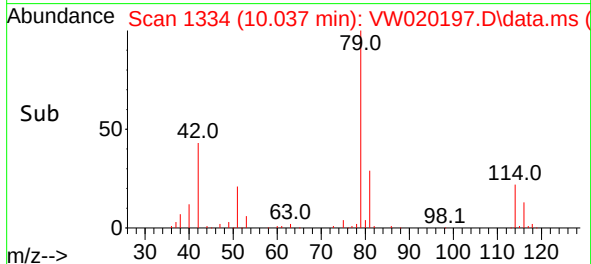
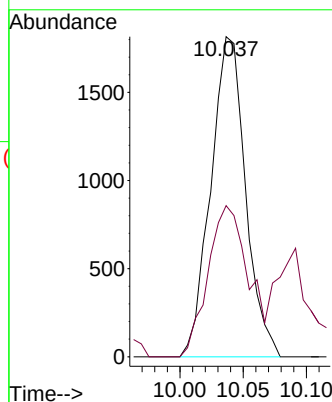
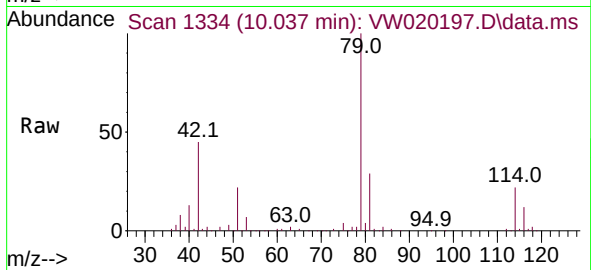




#39
cis-1,3-Dichloropropene
Concen: 0.526 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

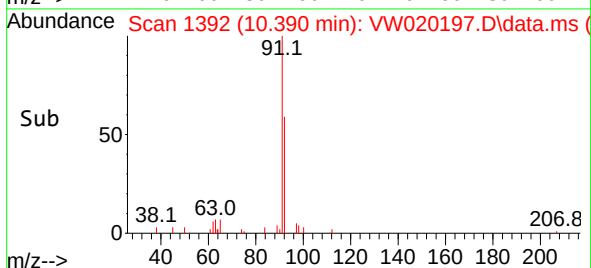
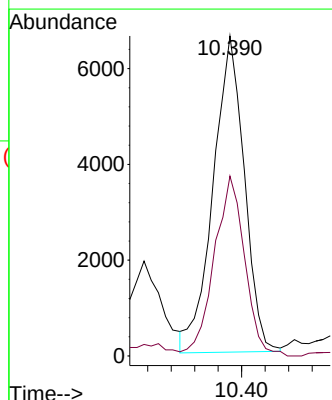
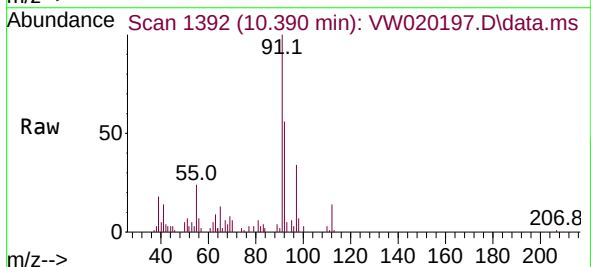
Instrument :
MSVOA_W
ClientSampled :

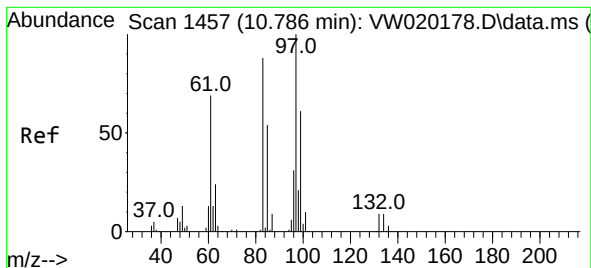
Tgt Ion: 75 Resp: 3466
Ion Ratio Lower Upper
75 100
77 47.2 23.0 42.6#



#42
Toluene
Concen: 0.635 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

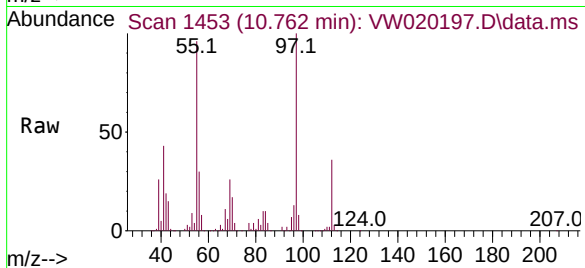
Tgt Ion: 91 Resp: 12167
Ion Ratio Lower Upper
91 100
92 56.2 42.2 78.4



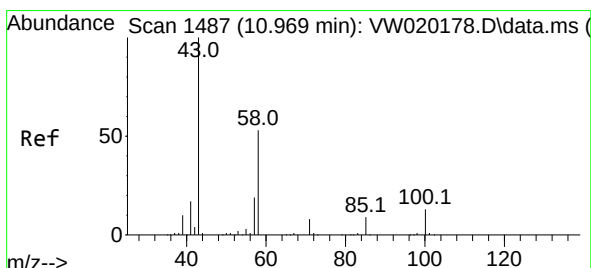
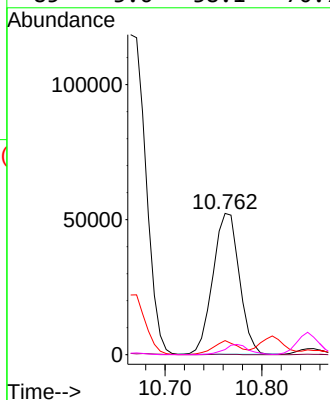
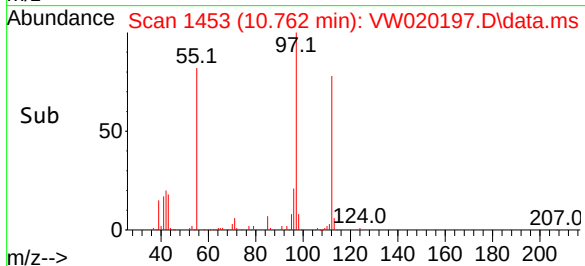


#45
1,1,2-Trichloroethane
Concen: 30.201 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

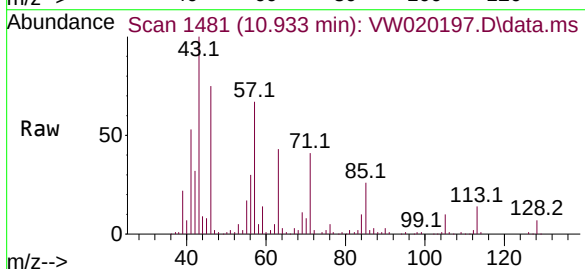
Instrument :
MSVOA_W
ClientSampled :



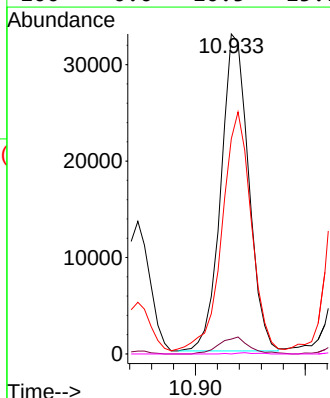
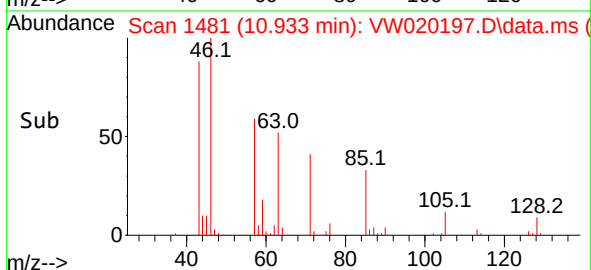
Tgt Ion: 97 Resp: 98886
Ion Ratio Lower Upper
97 100
99 0.3 42.0 78.0#
83 9.9 58.7 108.9#
85 3.6 38.1 70.7#

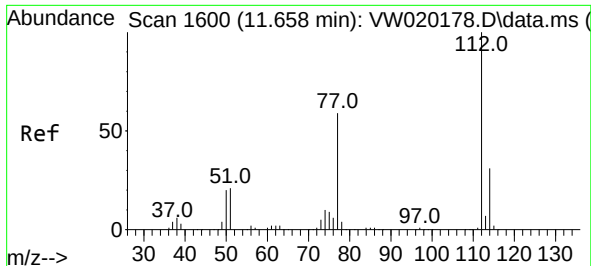


#48
2-Hexanone
Concen: 36.830 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.036 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07



Tgt Ion: 43 Resp: 57697
Ion Ratio Lower Upper
43 100
58 0.0 43.8 65.6#
57 0.0 15.6 23.4#
100 0.0 10.5 15.7#

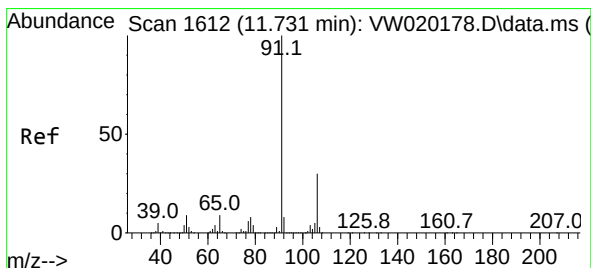
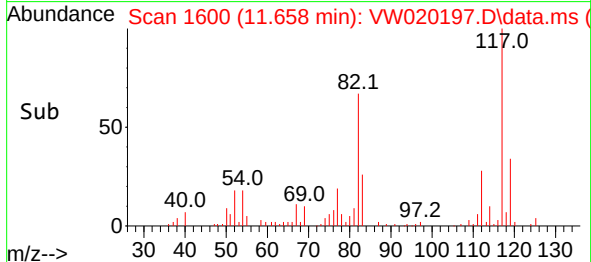
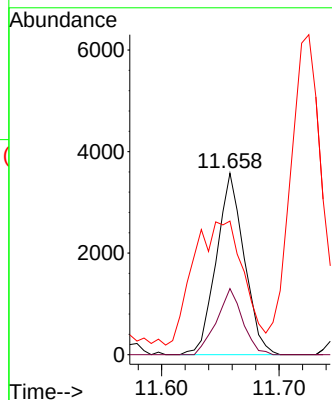
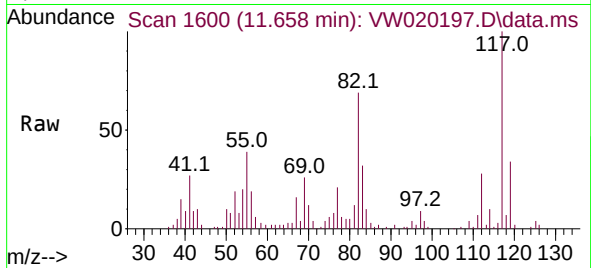




#51
Chlorobenzene
Concen: 0.473 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

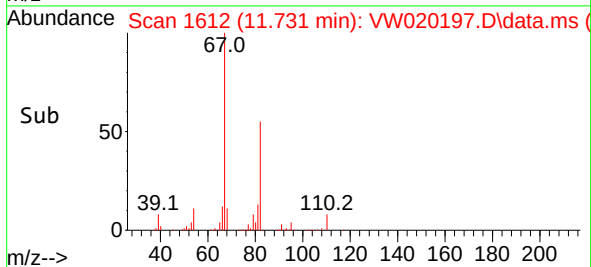
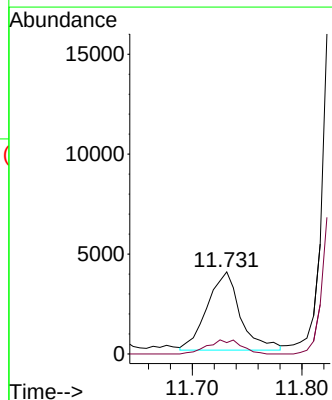
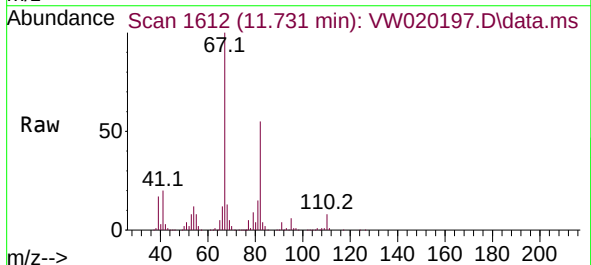
Instrument :
MSVOA_W
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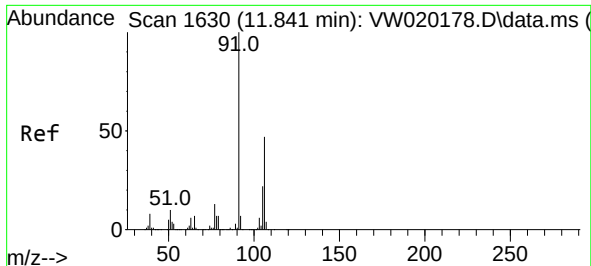
Tgt Ion:112 Resp: 5890
Ion Ratio Lower Upper
112 100
114 36.5 21.9 40.7
77 73.7 48.0 72.0#



#52
Ethylbenzene
Concen: 0.391 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

Tgt Ion: 91 Resp: 8257
Ion Ratio Lower Upper
91 100
106 13.8 22.0 40.8#

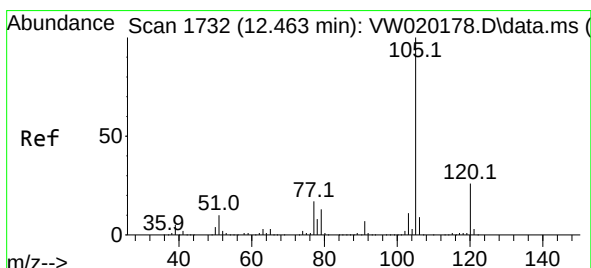
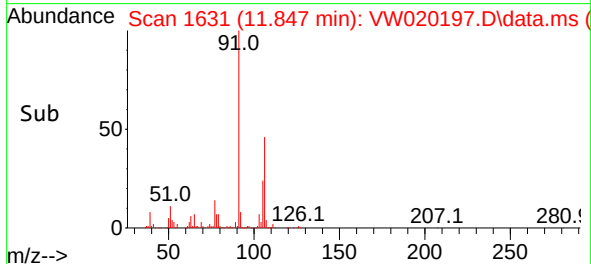
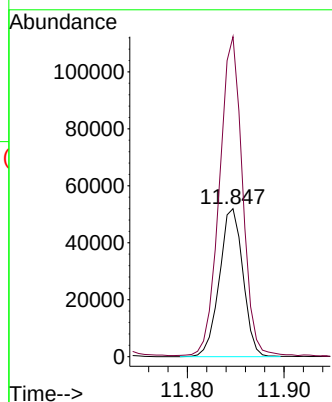
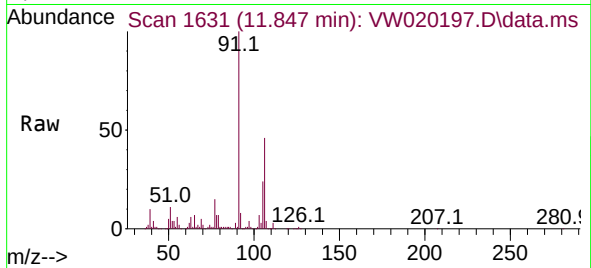




#53
m,p-Xylene
Concen: 10.921 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

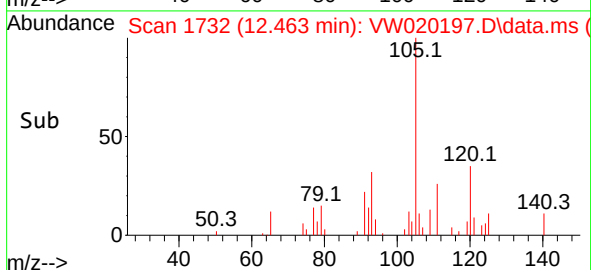
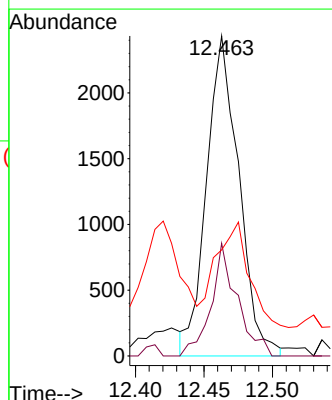
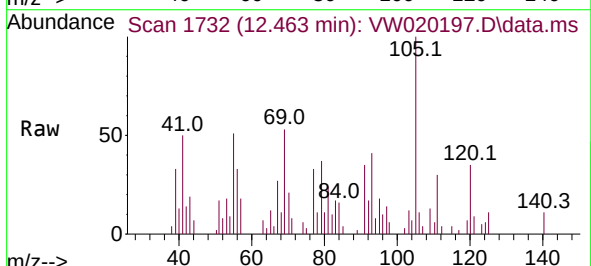
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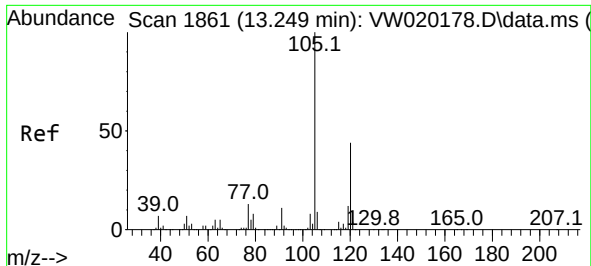
Tgt Ion:106 Resp: 87832
Ion Ratio Lower Upper
106 100
91 216.1 146.4 271.8



#60
Isopropylbenzene
Concen: 0.389 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

Tgt Ion:105 Resp: 3986
Ion Ratio Lower Upper
105 100
120 28.6 20.9 31.3
77 34.3 13.3 19.9#

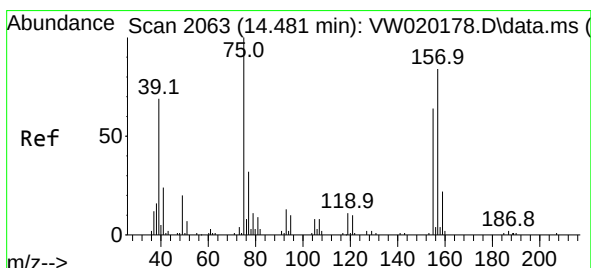
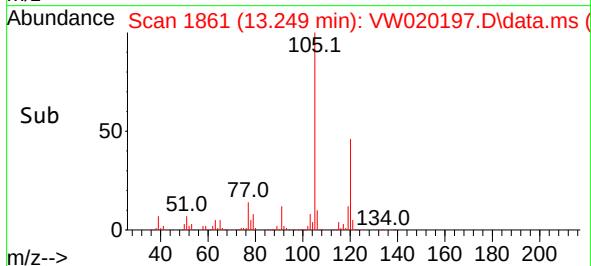
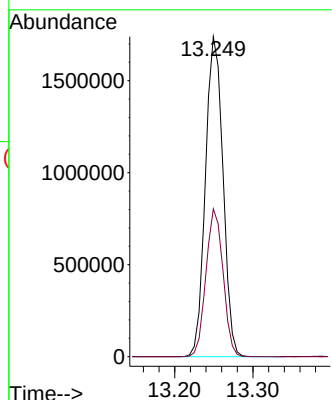
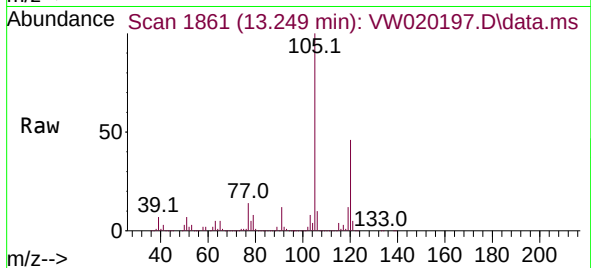




#63
1,2,4-Trimethylbenzene
Concen: 326.959 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 2699173
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 3.546 ug/L
RT: 14.456 min Scan# 2059
Delta R.T. -0.024 min
Lab File: VW020197.D
Acq: 24 Sep 2021 17:07

Tgt Ion: 75 Resp: 1148
Ion Ratio Lower Upper
75 100
155 0.0 58.5 87.7#
157 0.0 77.4 116.0#

