

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020250.D
 Acq On : 29 Sep 2021 23:55
 Operator : SY/VA
 Sample : M3974-01
 Misc : 5.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y7

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 3:20:41 PM

Quant Time: Sep 30 02:12:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 02:06:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	195339	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	166709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	64677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	60580	15.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.640%		
7) Chloroethane-d5	2.897	69	52375	17.398	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.600%		
11) 1,1-Dichloroethene-d2	4.025	63	72441	11.578	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.320%		
21) 2-Butanone-d5	7.079	46	15832	25.673	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.340%		
24) Chloroform-d	7.652	84	102938	16.756	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.040%		
26) 1,2-Dichloroethane-d4	8.311	65	52431	15.858	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.440%#		
32) Benzene-d6	8.280	84	200432	18.845	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.400%		
36) 1,2-Dichloropropane-d6	9.280	67	60148	19.541	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.160%		
41) Toluene-d8	10.329	98	191140	19.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.000%		
43) trans-1,3-Dichloroprop...	10.585	79	20842	15.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.360%		
47) 2-Hexanone-d5	10.926	63	14827	34.808	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.620%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37197	15.666	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	62.680%		
66) 1,2-Dichlorobenzene-d4	13.852	152	51792	21.356	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.440%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	5124	9.702	ug/L	82
20) cis-1,2-Dichloroethene	7.171	96	2716m	0.979	ug/L	
29) Cyclohexane	7.957	56	10325	2.783	ug/L #	80
34) Trichloroethene	9.091	95	3173	1.178	ug/L	95
35) Methylcyclohexane	9.341	83	77463	17.652	ug/L	93
53) m,p-Xylene	11.847	106	3355	0.747	ug/L	94
54) o-Xylene	12.170	106	11888	2.863	ug/L	99
60) Isopropylbenzene	12.463	105	46697	5.385	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	35790	5.029	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	109691	15.690	ug/L	100

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

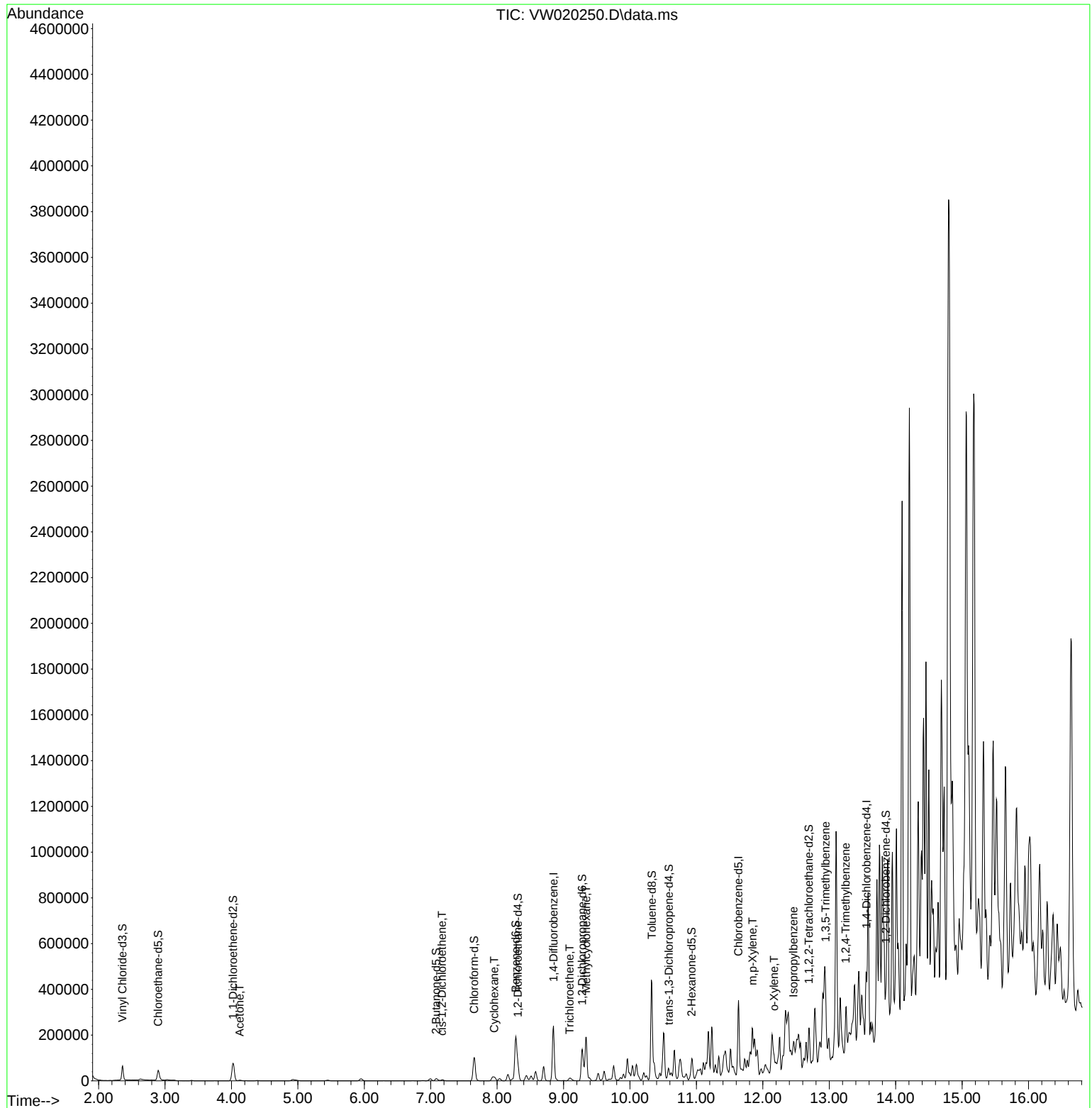
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020250.D
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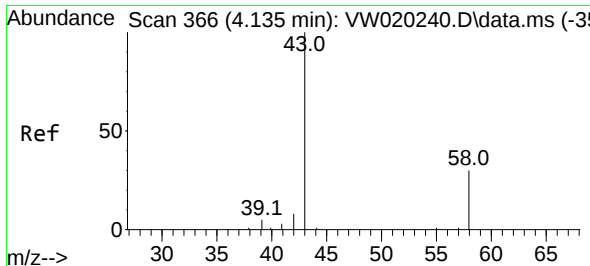
Instrument :
MSVOA_W
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EW8Y7

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Quant Title : SFAM01.0
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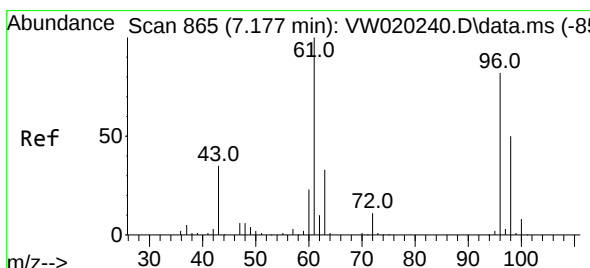
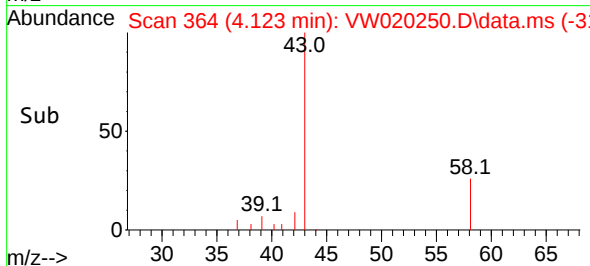
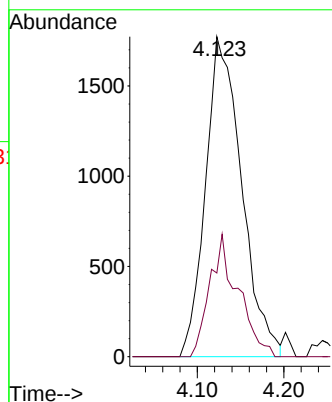
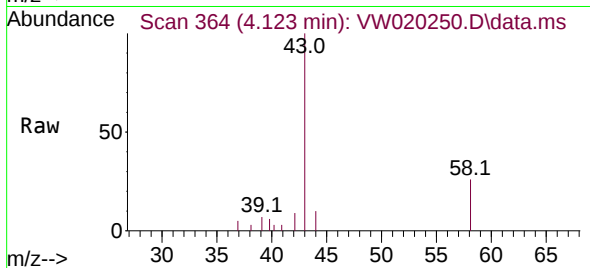
#13
Acetone
Concen: 9.702 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.013 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Instrument :
MSVOA_W
ClientSampleId :
EW8Y7

Tgt Ion: 43 Resp: 5124
Ion Ratio Lower Upper
43 100
58 21.1 0.0 61.6

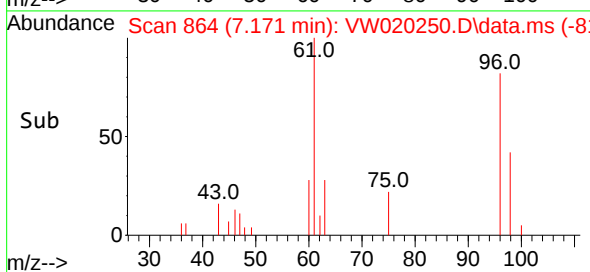
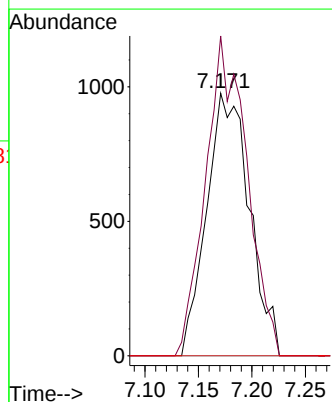
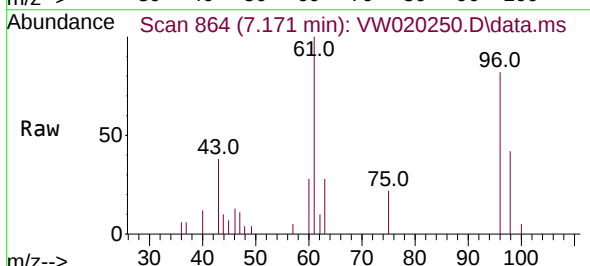
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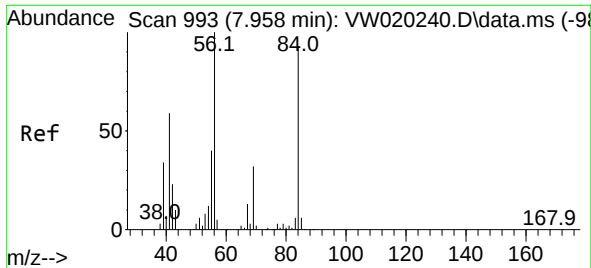
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#20
cis-1,2-Dichloroethene
Concen: 0.979 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. -0.007 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

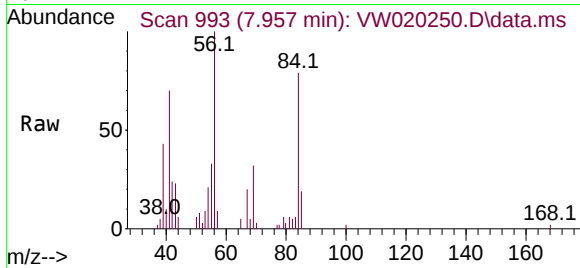
Tgt Ion: 96 Resp: 2716
Ion Ratio Lower Upper
96 100
61 121.8 89.9 167.0
68 0.0 0.0 0.0





#29
Cyclohexane
Concen: 2.783 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

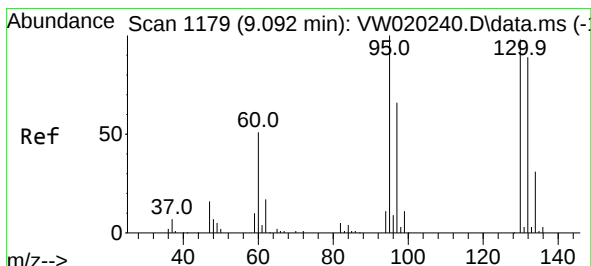
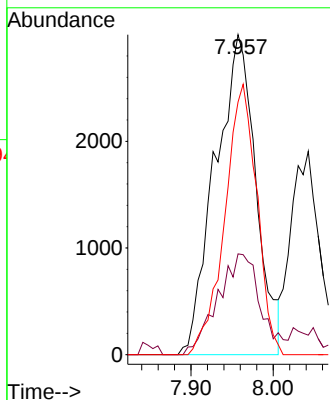
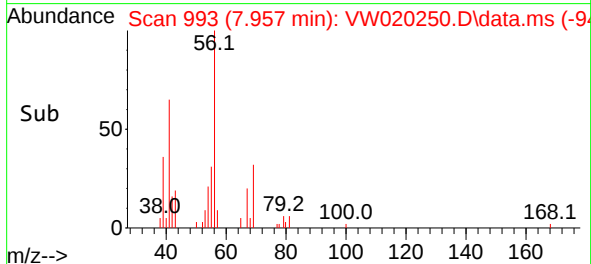
Instrument :
MSVOA_W
ClientSampleId :
EW8Y7



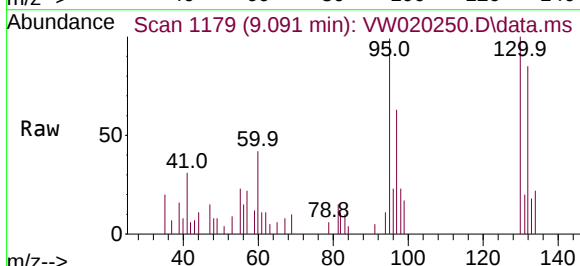
Tgt Ion: 56 Resp: 10325
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 66.6 73.4 110.2#

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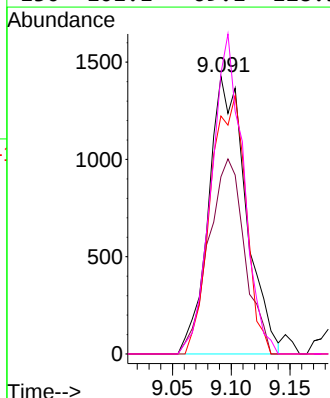
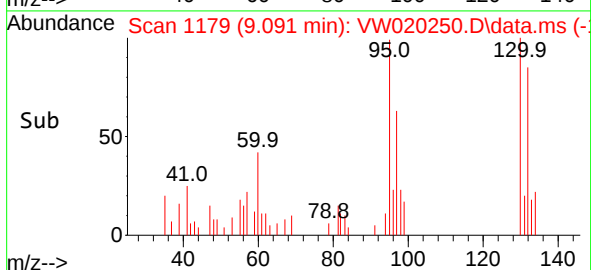
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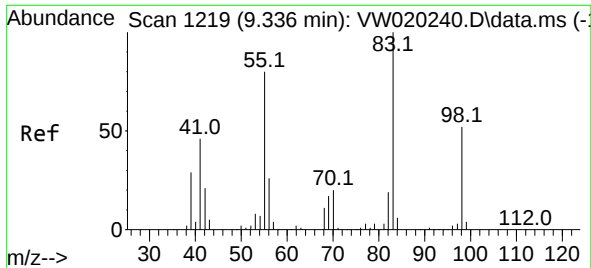


#34
Trichloroethene
Concen: 1.178 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55



Tgt Ion: 95 Resp: 3173
Ion Ratio Lower Upper
95 100
97 63.8 45.1 83.7
132 85.7 67.9 126.1
130 101.1 69.1 128.3





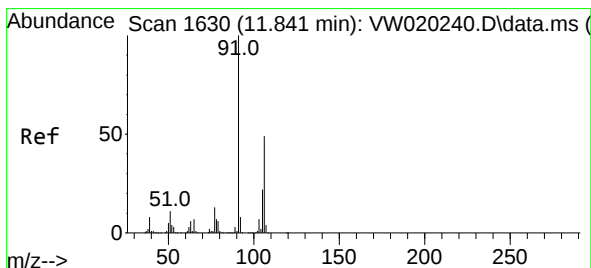
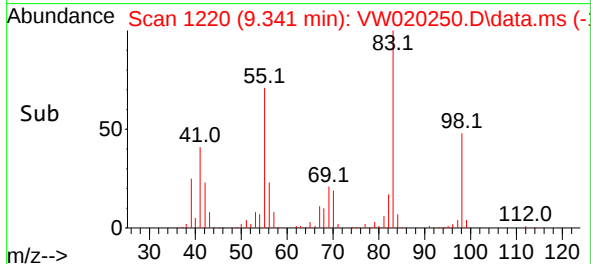
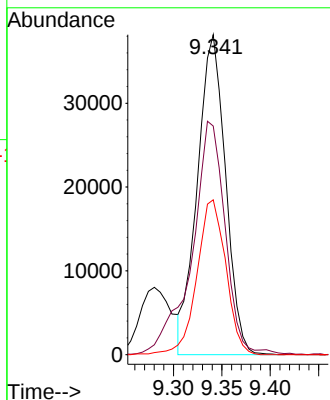
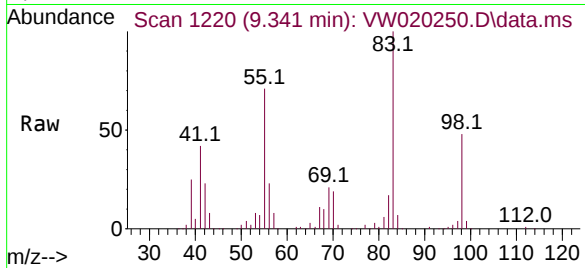
#35
Methylcyclohexane
Concen: 17.652 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:	83	Resp:	77463
Ion	Ratio	Lower	Upper
83	100		
55	84.4	61.4	92.2
98	49.6	38.1	57.1

Instrument :
MSVOA_W
ClientSampled :
EW8Y7

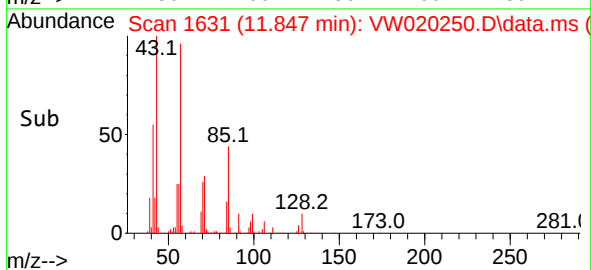
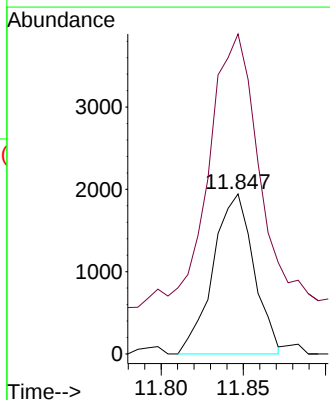
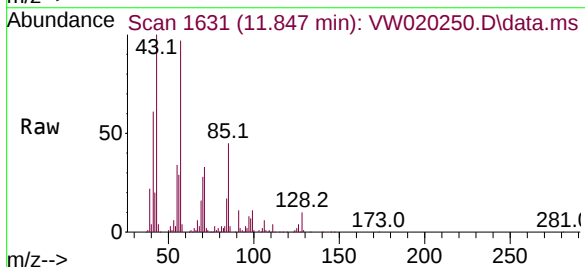
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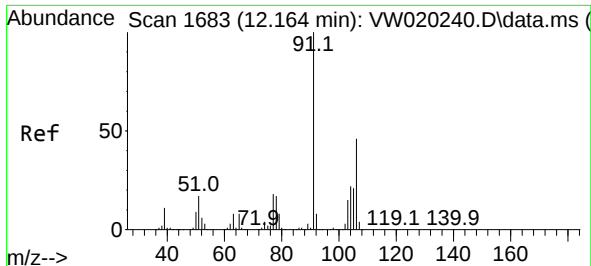
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#53
m,p-Xylene
Concen: 0.747 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:	106	Resp:	3355
Ion	Ratio	Lower	Upper
106	100		
91	200.1	146.4	271.8





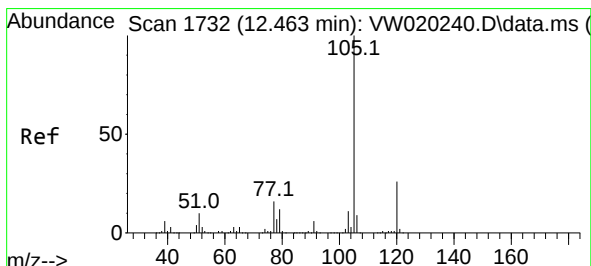
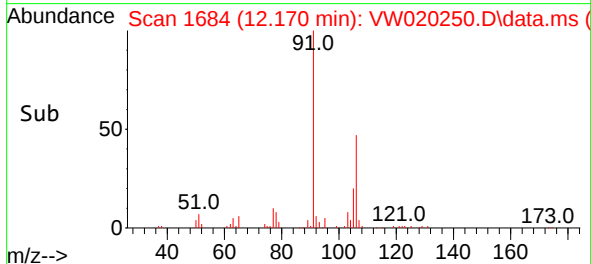
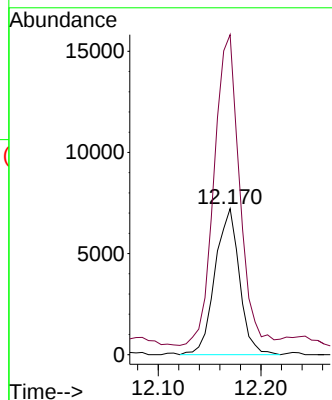
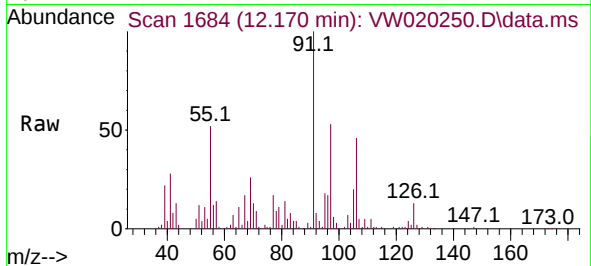
#54
o-Xylene
Concen: 2.863 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

Tgt Ion:106 Resp: 11888
Ion Ratio Lower Upper
106 100
91 219.1 154.3 286.7

Instrument :
MSVOA_W
ClientSampled :
EW8Y7

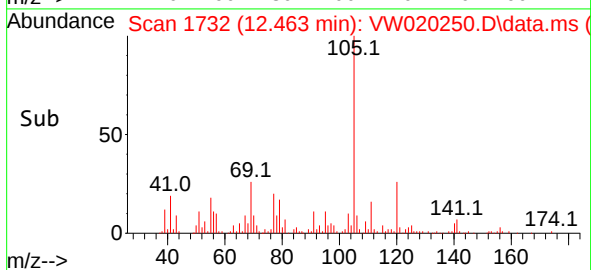
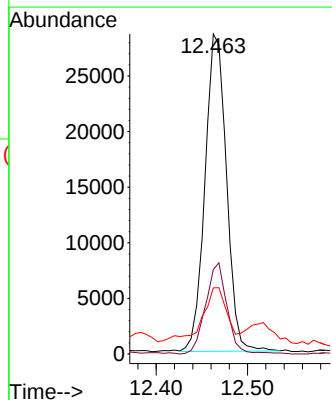
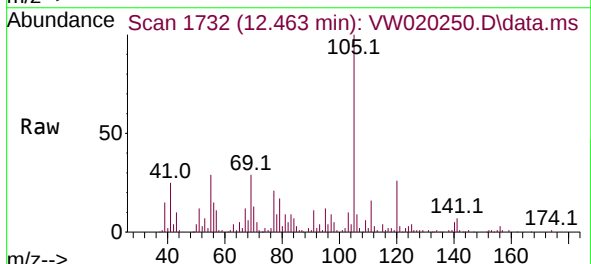
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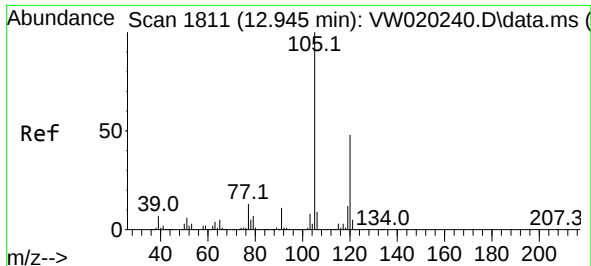
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#60
Isopropylbenzene
Concen: 5.385 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

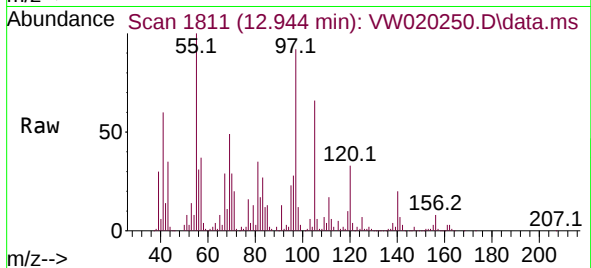
Tgt Ion:105 Resp: 46697
Ion Ratio Lower Upper
105 100
120 28.2 20.9 31.3
77 19.2 13.3 19.9





#62
1,3,5-Trimethylbenzene
Concen: 5.029 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55

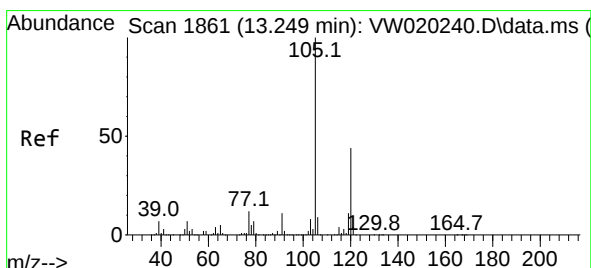
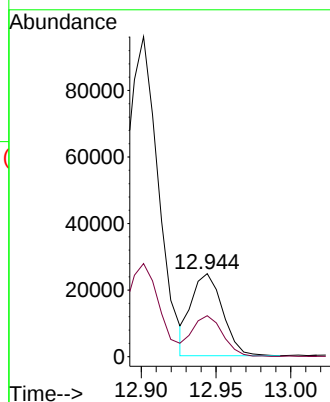
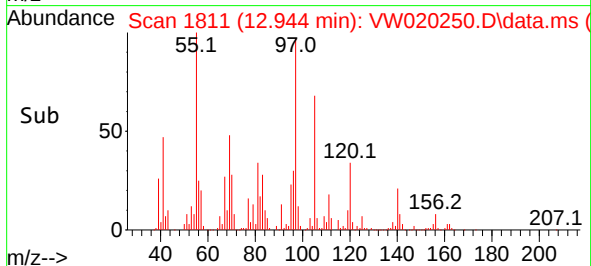
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ClientSampled :
EW8Y7



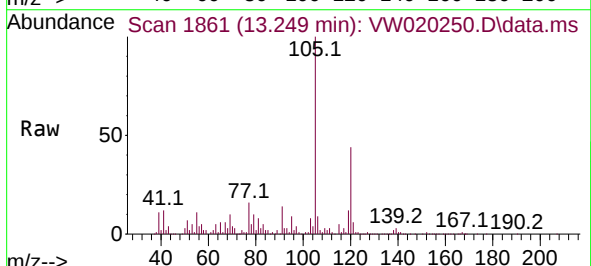
Tgt Ion:105 Resp: 35790
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 15.690 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020250.D
Acq: 29 Sep 2021 23:55



Tgt Ion:105 Resp: 109691
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4

