

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019882.D
 Acq On : 24 Aug 2021 18:05
 Operator : SY/VA
 Sample : M3526-07
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7B9

Manual Integrations
 APPROVED

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 8/25/2021 6:53:18 PM

Quant Time: Aug 25 01:02:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	625594	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	596285	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	417884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	165579	17.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.320%		
7) Chloroethane-d5	2.898	69	140701	16.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.160%		
11) 1,1-Dichloroethene-d2	4.025	63	196787	11.700	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.800%		
21) 2-Butanone-d5	7.086	46	66637	33.846	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.700%		
24) Chloroform-d	7.653	84	314377	18.273	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.080%		
26) 1,2-Dichloroethane-d4	8.305	65	168279	18.150	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.600%		
32) Benzene-d6	8.281	84	670837	19.731	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.920%		
36) 1,2-Dichloropropane-d6	9.360	67	5656360m	549.388	ug/L	0.09
Spiked Amount 25.000	Range 70 - 120		Recovery =	2197.560%#		
41) Toluene-d8	10.335	98	4035643	129.528	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery =	518.120%#		
43) trans-1,3-Dichloroprop...	10.579	79	58331	13.714	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	54.840%		
47) 2-Hexanone-d5	10.927	63	164095	114.408	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	228.820%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	215060	25.664	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.640%		
66) 1,2-Dichlorobenzene-d4	13.859	152	240199	16.757	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	67.040%#		
Target Compounds						Qvalue
13) Acetone	4.123	43	78672	46.808	ug/L	67
29) Cyclohexane	7.970	56	16574767	1183.661	ug/L	88
33) Benzene	8.330	78	209010	5.711	ug/L	100
35) Methylcyclohexane	9.335	83	36952936m	2264.473	ug/L	
42) Toluene	10.396	91	449979	11.607	ug/L	92
52) Ethylbenzene	11.738	91	5572299	133.510	ug/L	98
53) m,p-Xylene	11.847	106	1877334	117.131	ug/L	100
54) o-Xylene	12.170	106	274459	18.103	ug/L	62
60) Isopropylbenzene	12.469	105	10312953	182.137	ug/L	96
62) 1,3,5-Trimethylbenzene	12.951	105	1137325	25.166	ug/L	99
63) 1,2,4-Trimethylbenzene	13.256	105	398429	8.698	ug/L	95

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

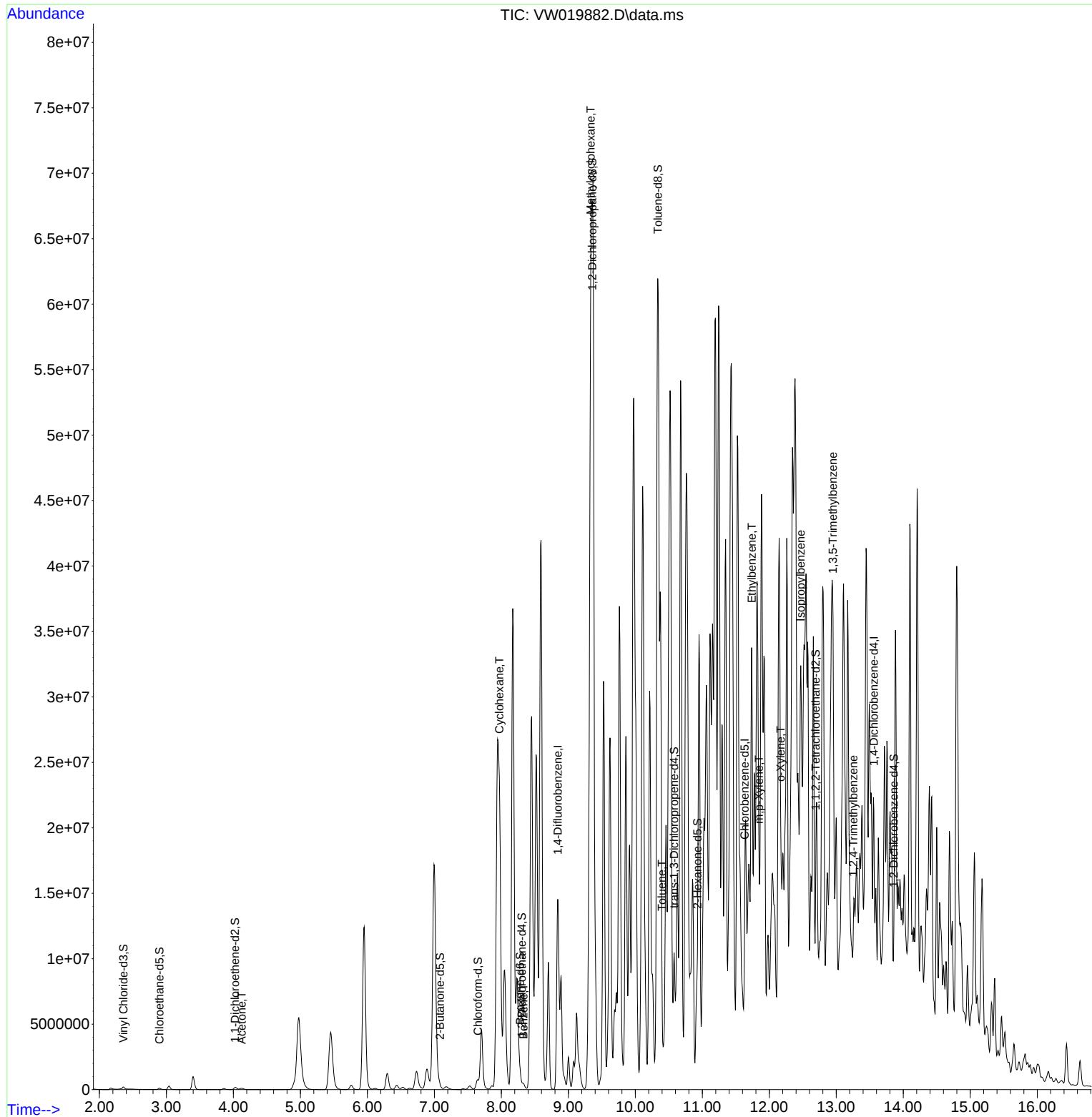
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019882.D
Acq On : 24 Aug 2021 18:05
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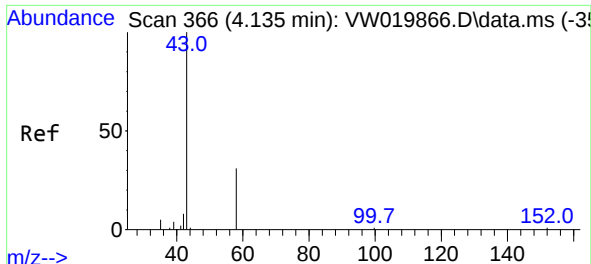
Instrument :
MSVOA_W
ClientSampleId :
EW7B9

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration





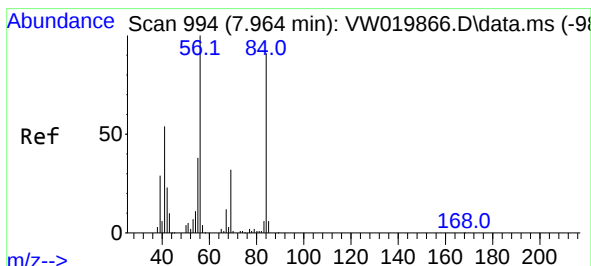
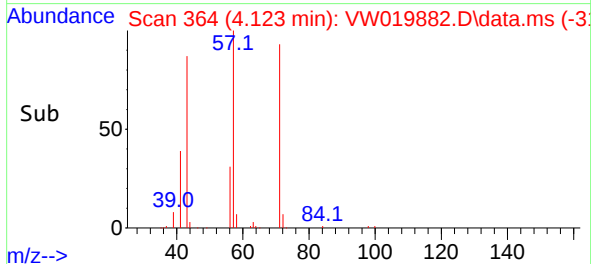
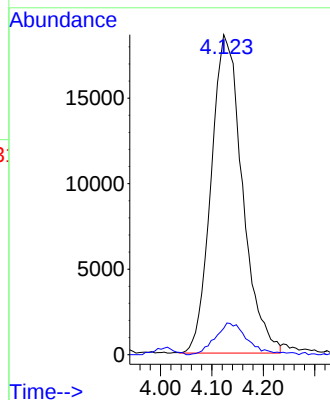
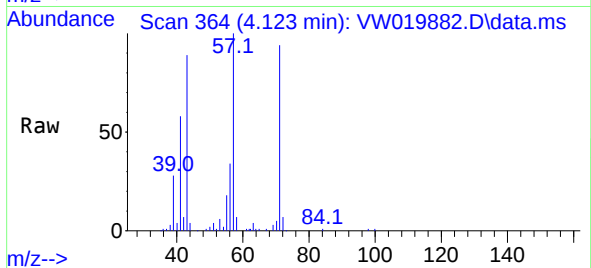
#13
Acetone
Concen: 46.808 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

Tgt Ion: 43 Resp: 78672
Ion Ratio Lower Upper
43 100
58 9.6 0.0 53.8

Instrument :
MSVOA_W
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EW7B9

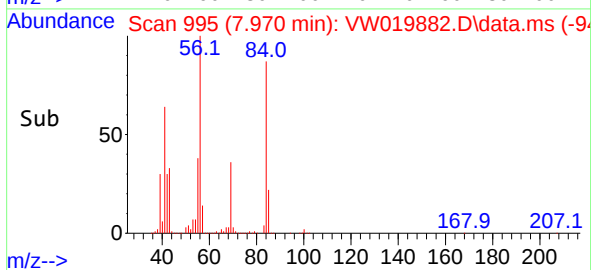
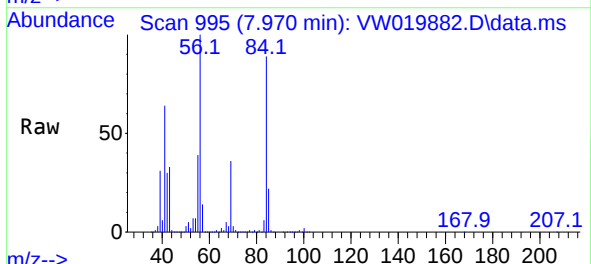
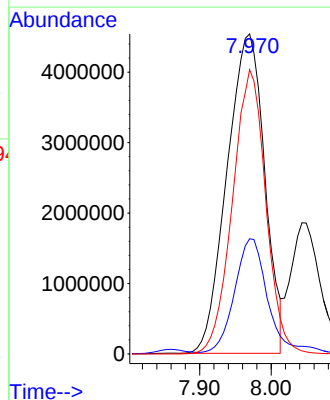
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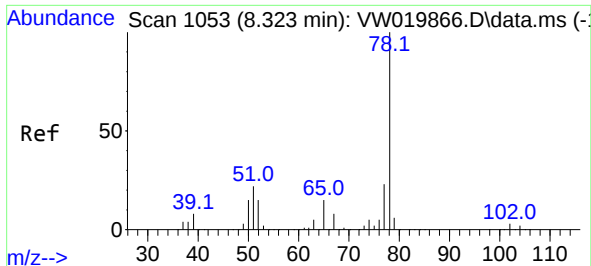
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#29
Cyclohexane
Concen: 1183.661 ug/L
RT: 7.970 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

Tgt Ion: 56 Resp:16574767
Ion Ratio Lower Upper
56 100
69 32.2 24.5 36.7
84 78.7 75.0 112.4





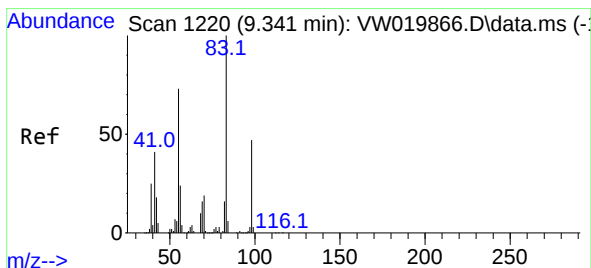
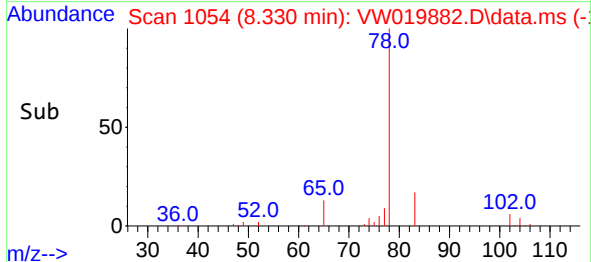
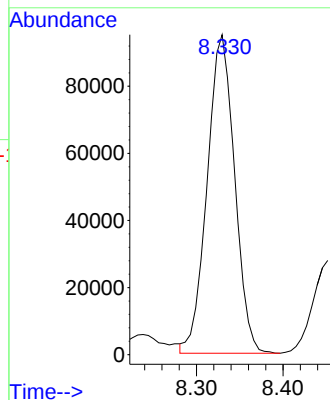
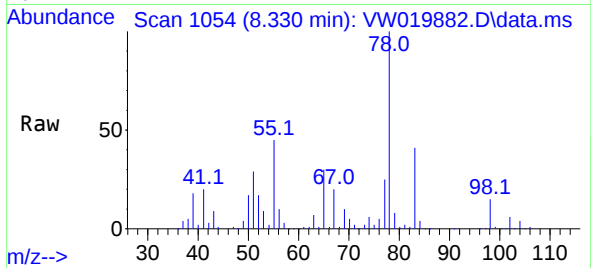
#33
Benzene
Concen: 5.711 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

Tgt Ion: 78 Resp: 209010

Instrument :
MSVOA_W
ClientSampled :
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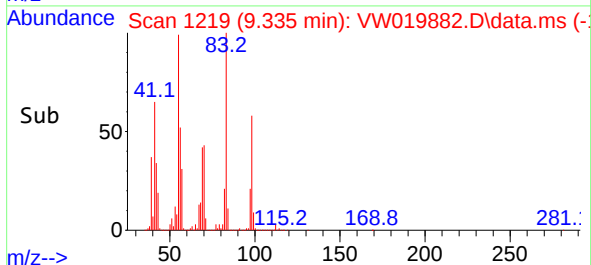
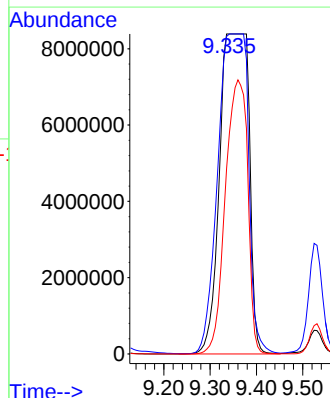
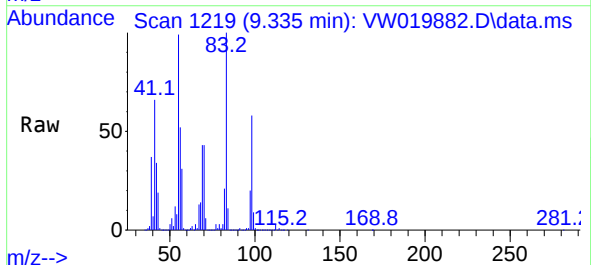
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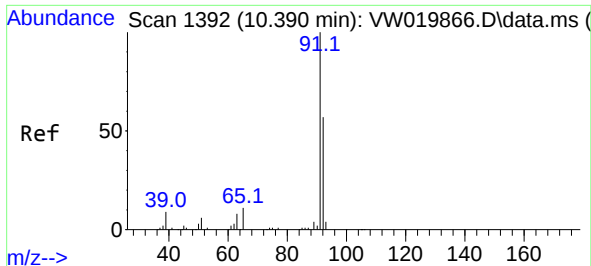
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#35
Methylcyclohexane
Concen: 2264.473 ug/L m
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

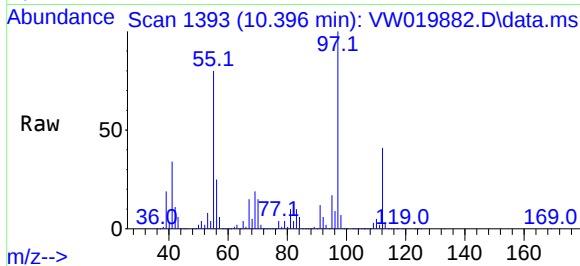
Tgt Ion: 83 Resp: 36952936
Ion Ratio Lower Upper
83 100
55 1.6 58.9 88.3#
98 1.2 40.1 60.1#





#42
Toluene
Concen: 11.607 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

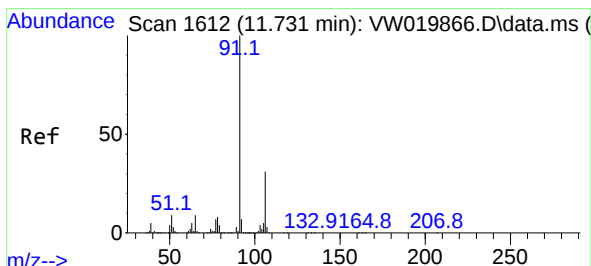
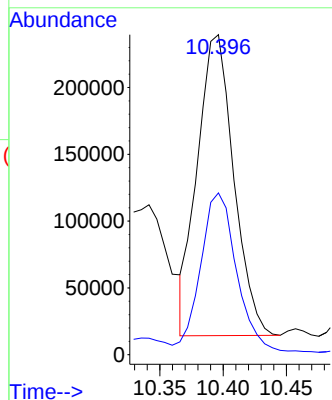
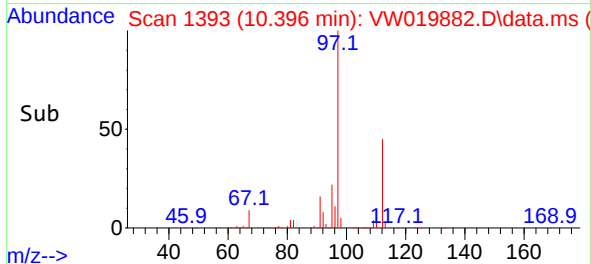
Instrument :
MSVOA_W
ClientSampled :
EW7B9



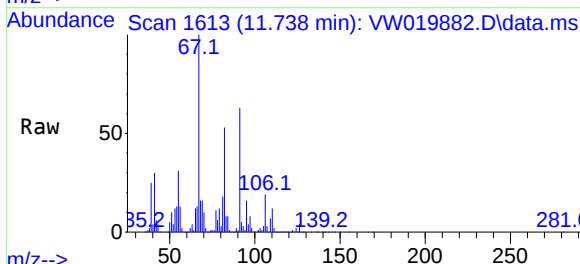
Tgt Ion: 91 Resp: 449979
Ion Ratio Lower Upper
91 100
92 50.6 39.5 73.3

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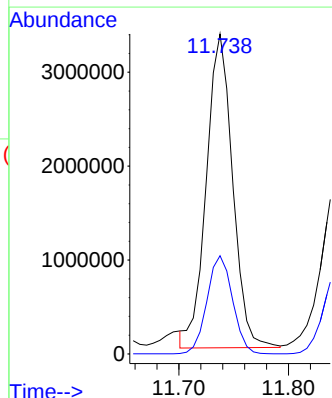
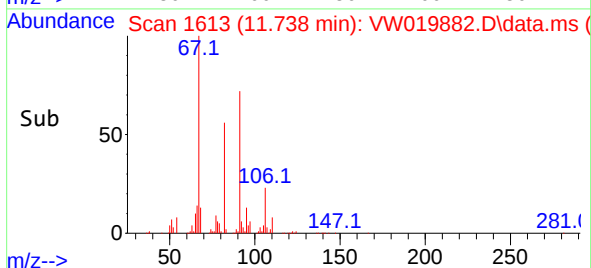
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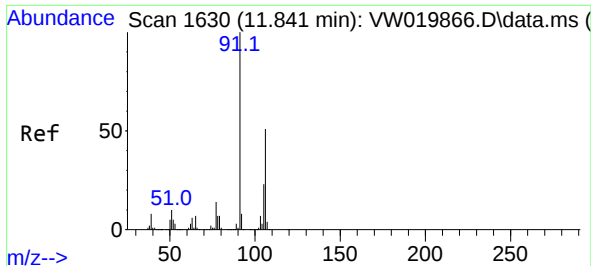


#52
Ethylbenzene
Concen: 133.510 ug/L
RT: 11.738 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05



Tgt Ion: 91 Resp: 5572299
Ion Ratio Lower Upper
91 100
106 30.7 22.5 41.7





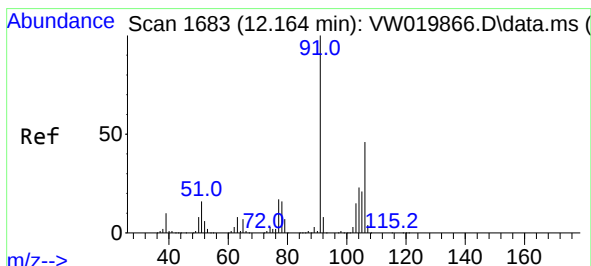
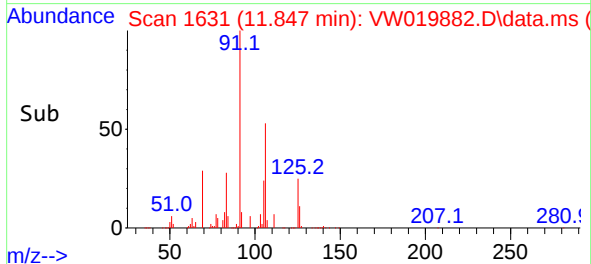
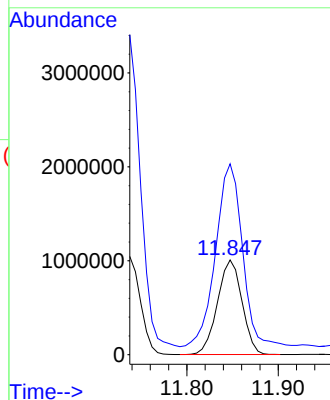
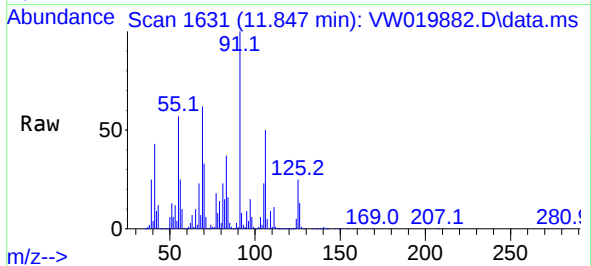
#53
m,p-Xylene
Concen: 117.131 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

Instrument :
MSVOA_W
ClientSampled :
EW7B9

Tgt Ion:106 Resp: 1877334
Ion Ratio Lower Upper
106 100
91 201.3 141.3 262.3

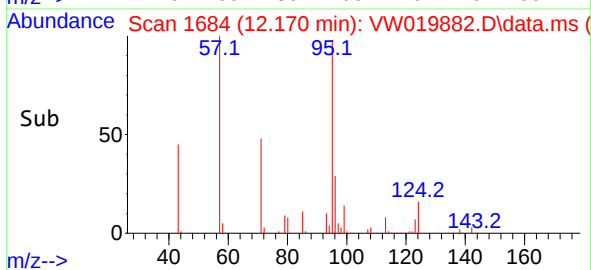
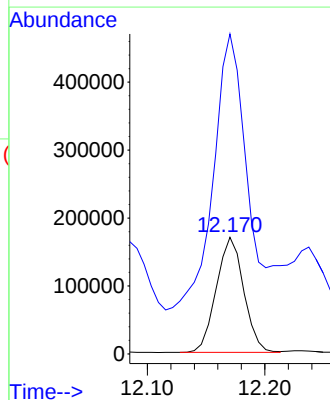
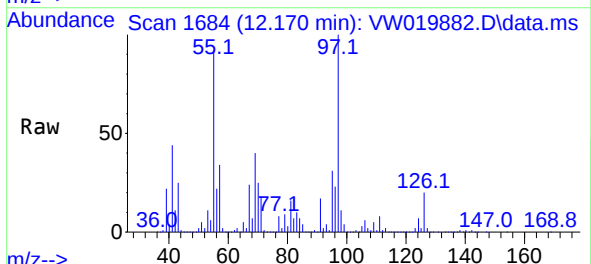
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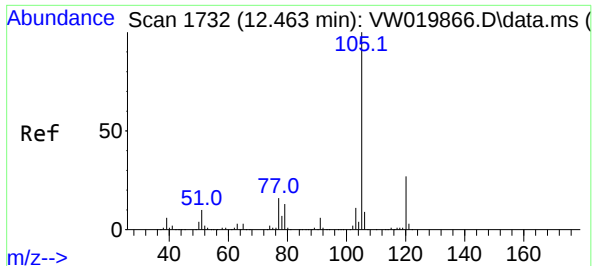
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#54
o-Xylene
Concen: 18.103 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

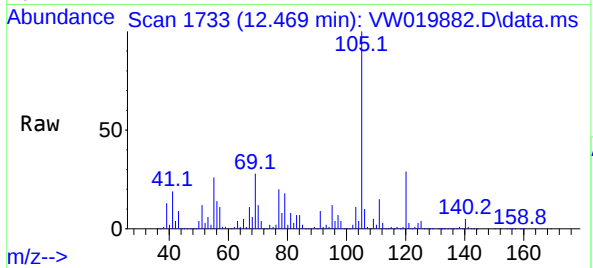
Tgt Ion:106 Resp: 274459
Ion Ratio Lower Upper
106 100
91 274.2 150.0 278.6





#60
Isopropylbenzene
Concen: 182.137 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

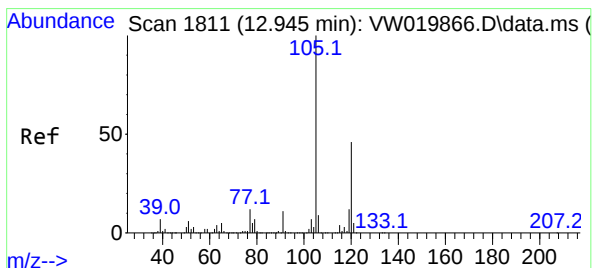
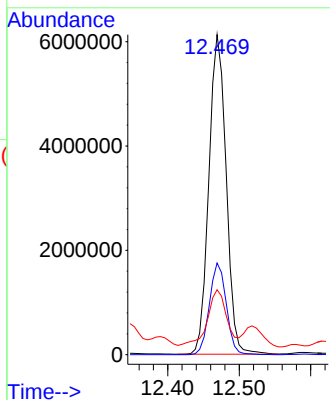
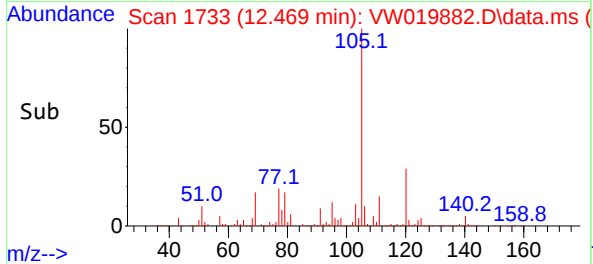
Instrument :
MSVOA_W
ClientSampled :
EW7B9



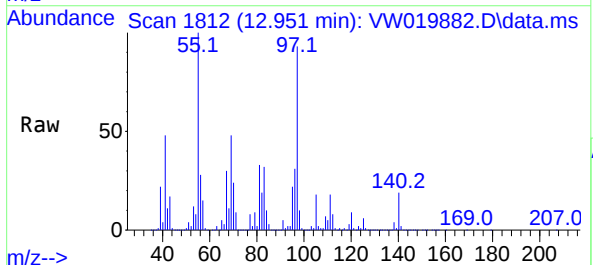
Tgt Ion:105 Resp:10312953
Ion Ratio Lower Upper
105 100
120 27.9 21.1 31.7
77 18.9 13.2 19.8

Manual Integrations
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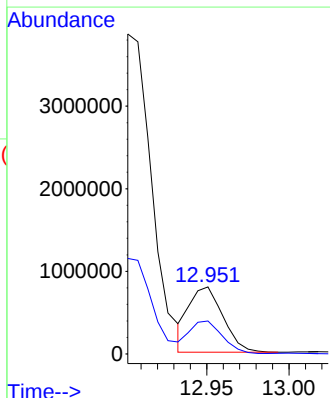
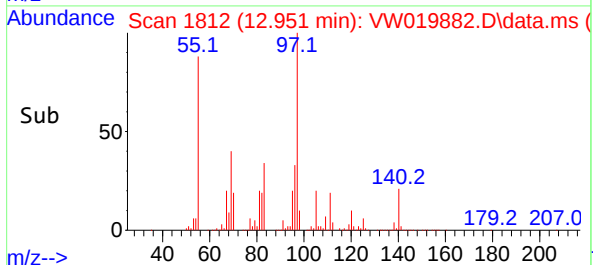
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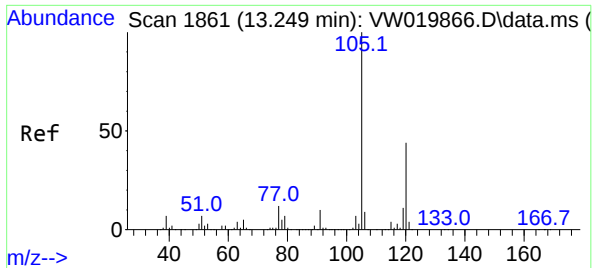


#62
1,3,5-Trimethylbenzene
Concen: 25.166 ug/L
RT: 12.951 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05



Tgt Ion:105 Resp: 1137325
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6





#63
1,2,4-Trimethylbenzene
Concen: 8.698 ug/L
RT: 13.256 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW019882.D
Acq: 24 Aug 2021 18:05

Tgt Ion:105 Resp: 398429
Ion Ratio Lower Upper
105 100
120 40.9 35.6 53.4

Instrument :
MSVOA_W
ClientSampleId :
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