

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019884.D
 Acq On : 24 Aug 2021 18:53
 Operator : SY/VA
 Sample : M3526-09
 Misc : 6.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7D1

Manual Integrations
 APPROVED

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 8/25/2021 6:53:22 PM

Quant Time: Aug 25 01:03:17 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	8.848	114	691097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	596393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	283657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	192848	18.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.040%		
7) Chloroethane-d5	2.891	69	168861	17.967	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.880%		
11) 1,1-Dichloroethene-d2	4.025	63	272242	14.652	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.600%		
21) 2-Butanone-d5	7.086	46	93350	42.920	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.840%		
24) Chloroform-d	7.653	84	404190	21.266	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.080%		
26) 1,2-Dichloroethane-d4	8.311	65	221216	21.598	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.400%		
32) Benzene-d6	8.281	84	820245	24.121	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.480%		
36) 1,2-Dichloropropane-d6	9.274	67	270744	26.292	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.160%		
41) Toluene-d8	10.323	98	729874	23.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.680%		
43) trans-1,3-Dichloroprop...	10.579	79	104005	24.448	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.800%		
47) 2-Hexanone-d5	10.927	63	68520	47.764	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.520%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	171066	20.411	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.640%		
66) 1,2-Dichlorobenzene-d4	13.853	152	221565	22.771	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.080%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	25322	13.638	ug/L	96
16) Methylene chloride	4.928	84	47016	3.964	ug/L	96
22) 2-Butanone	7.177	43	6737m	2.800	ug/L	
29) Cyclohexane	7.964	56	5785	0.413	ug/L	96
35) Methylcyclohexane	9.305	83	293744	17.997	ug/L #	58
42) Toluene	10.390	91	12348	0.318	ug/L	97

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

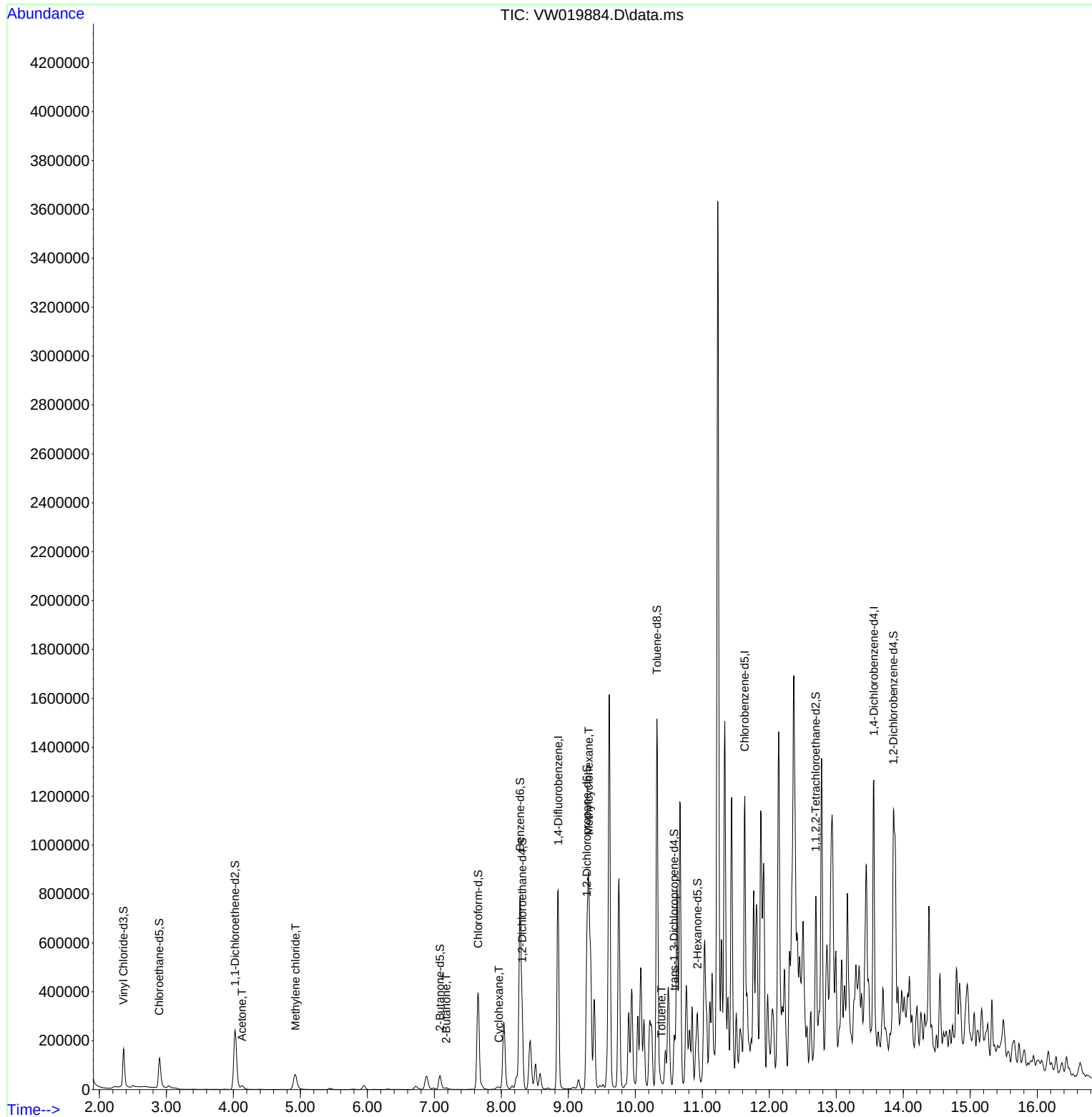
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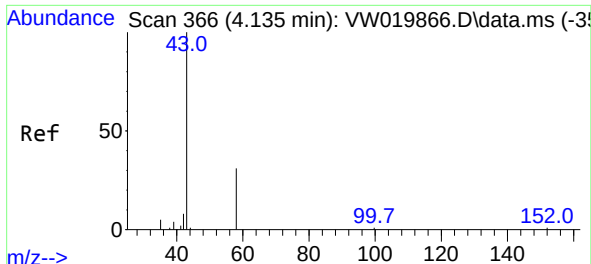
Instrument :
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Quant Time: Aug 25 01:03:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 25 00:57:31 2021
Response via : Initial Calibration





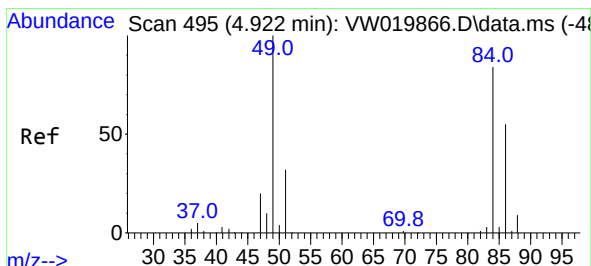
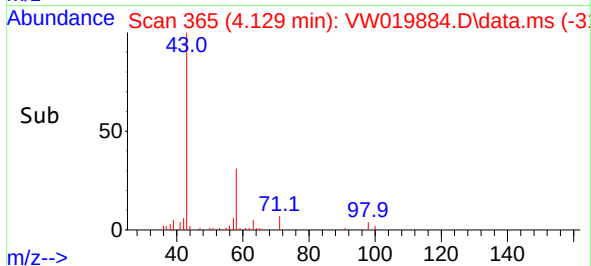
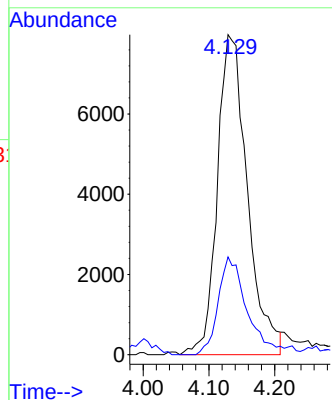
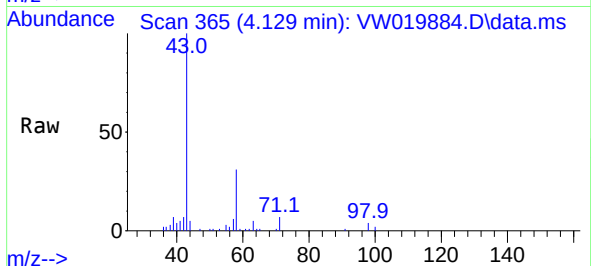
#13
Acetone
Concen: 13.638 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Instrument :
MSVOA_W
ClientSampled :
EW7D1

Tgt Ion: 43 Resp: 25322
Ion Ratio Lower Upper
43 100
58 29.1 0.0 53.8

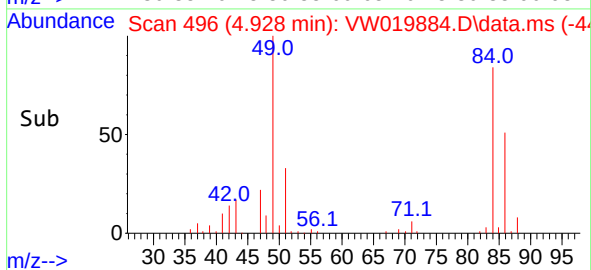
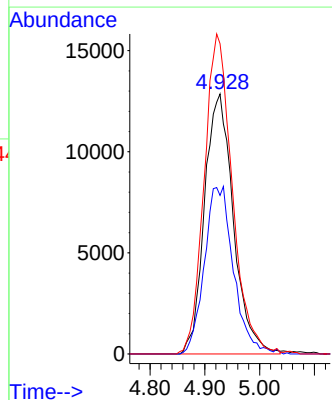
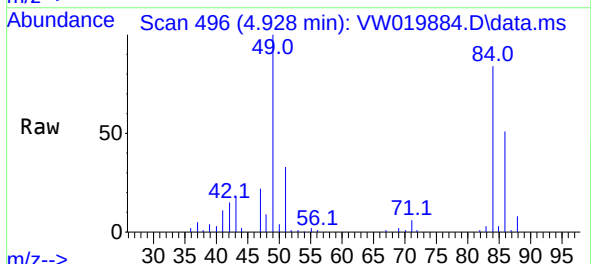
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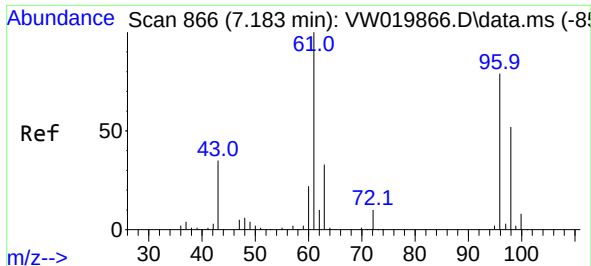
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#16
Methylene chloride
Concen: 3.964 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Tgt Ion: 84 Resp: 47016
Ion Ratio Lower Upper
84 100
86 61.0 45.3 84.1
49 119.4 86.6 160.8





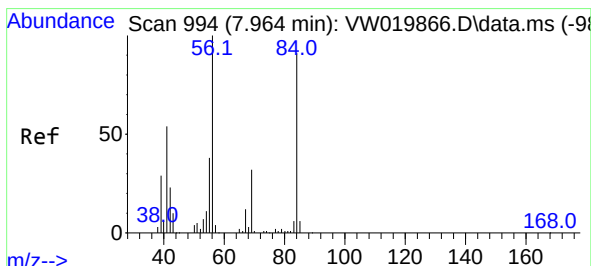
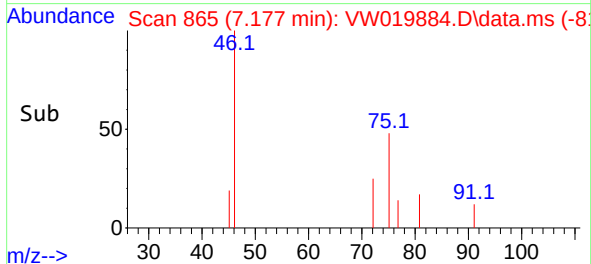
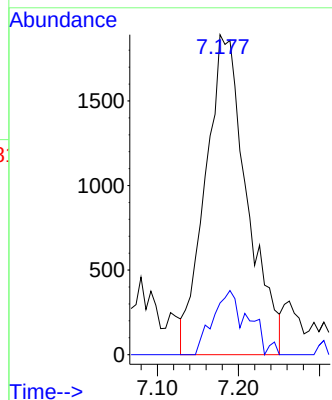
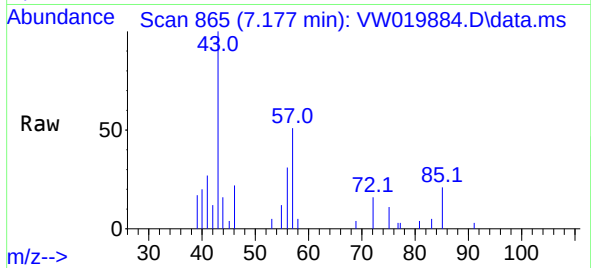
#22
2-Butanone
Concen: 2.800 ug/L m
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

Tgt Ion: 43 Resp: 6737
Ion Ratio Lower Upper
43 100
72 0.7 14.9 44.7#

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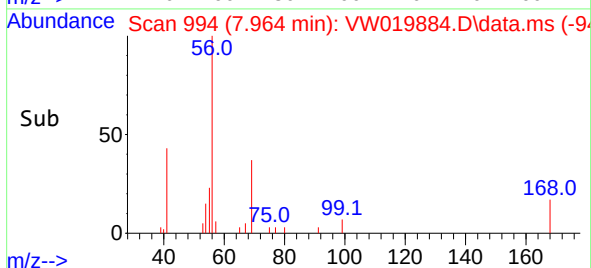
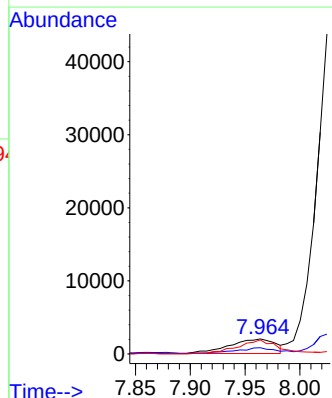
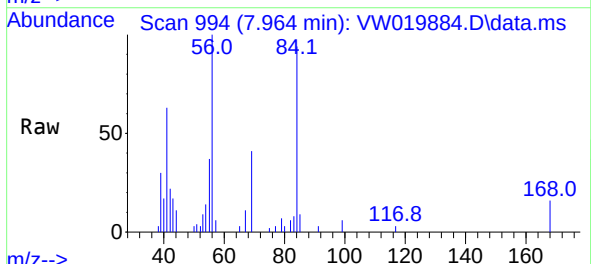
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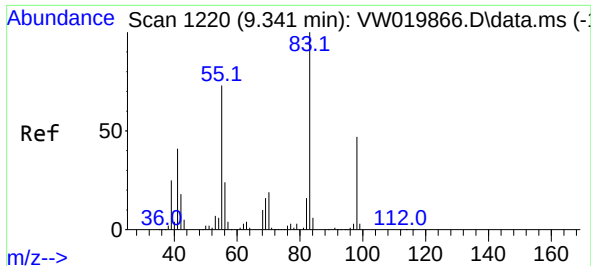
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#29
Cyclohexane
Concen: 0.413 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

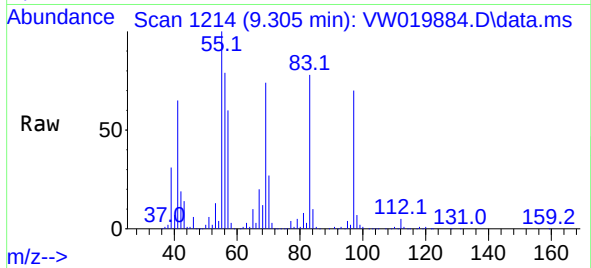
Tgt Ion: 56 Resp: 5785
Ion Ratio Lower Upper
56 100
69 30.5 24.5 36.7
84 89.0 75.0 112.4





#35
Methylcyclohexane
Concen: 17.997 ug/L
RT: 9.305 min Scan# 1214
Delta R.T. -0.037 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53

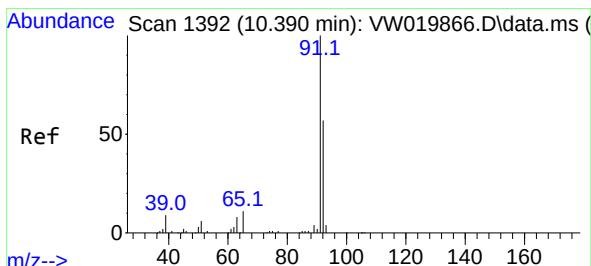
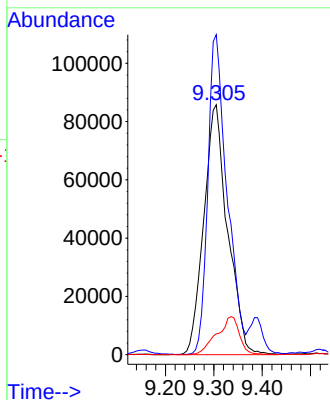
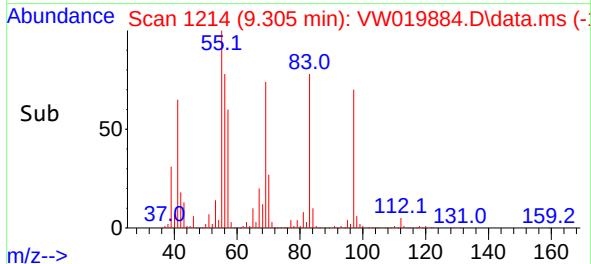
Instrument :
MSVOA_W
ClientSampleId :
EW7D1



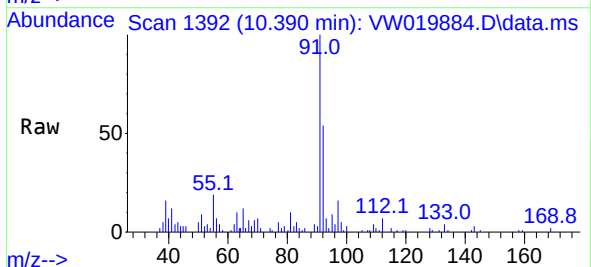
Tgt Ion: 83 Resp: 293744
Ion Ratio Lower Upper
83 100
55 103.5 58.9 88.3#
98 14.4 40.1 60.1#

Manual Integrations
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#42
Toluene
Concen: 0.318 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019884.D
Acq: 24 Aug 2021 18:53



Tgt Ion: 91 Resp: 12348
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3

