

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
 Data File : VW019883.D
 Acq On : 24 Aug 2021 18:29
 Operator : SY/VA
 Sample : M3526-08
 Misc : 2.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 EW7C0

Manual Integrations
 APPROVED

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Quant Time: Aug 25 01:02:59 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	727232	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	634717	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	318972	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	208593	18.513	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	74.040%	
7) Chloroethane-d5	2.897	69	173048	17.497	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	70.000%	
11) 1,1-Dichloroethene-d2	4.025	63	283927	14.522	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	58.080%	
21) 2-Butanone-d5	7.086	46	80279	35.076	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	70.160%	
24) Chloroform-d	7.653	84	408191	20.410	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	81.640%	
26) 1,2-Dichloroethane-d4	8.311	65	199187	18.481	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	73.920%	
32) Benzene-d6	8.281	84	819231	22.637	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	90.560%	
36) 1,2-Dichloropropane-d6	9.348	67	4555097	415.636	ug/L	0.07
Spiked Amount	25.000	Range 70 - 120	Recovery	=	1662.560%#	
41) Toluene-d8	10.329	98	2917045	87.956	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	351.840%#	
43) trans-1,3-Dichloroprop...	10.579	79	63096	13.936	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	55.760%	
47) 2-Hexanone-d5	10.927	63	126544	82.885	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	165.780%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	182560	20.467	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	81.880%	
66) 1,2-Dichlorobenzene-d4	13.853	152	218093	19.933	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	79.720%	
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	84022	43.004	ug/L	58
14) Carbon disulfide	4.391	76	11339	0.360	ug/L	# 94
29) Cyclohexane	7.964	56	12275864	823.580	ug/L	92
33) Benzene	8.329	78	159587	4.097	ug/L	100
35) Methylcyclohexane	9.335	83	32820337m	1889.448	ug/L	
42) Toluene	10.390	91	322857	7.824	ug/L	93
52) Ethylbenzene	11.731	91	2595718	58.426	ug/L	95
53) m,p-Xylene	11.847	106	1338114	78.432	ug/L	97
54) o-Xylene	12.170	106	190028	11.775	ug/L	70
60) Isopropylbenzene	12.469	105	8326632	192.658	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	1001703	29.038	ug/L	97
63) 1,2,4-Trimethylbenzene	13.255	105	356483	10.195	ug/L	99

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

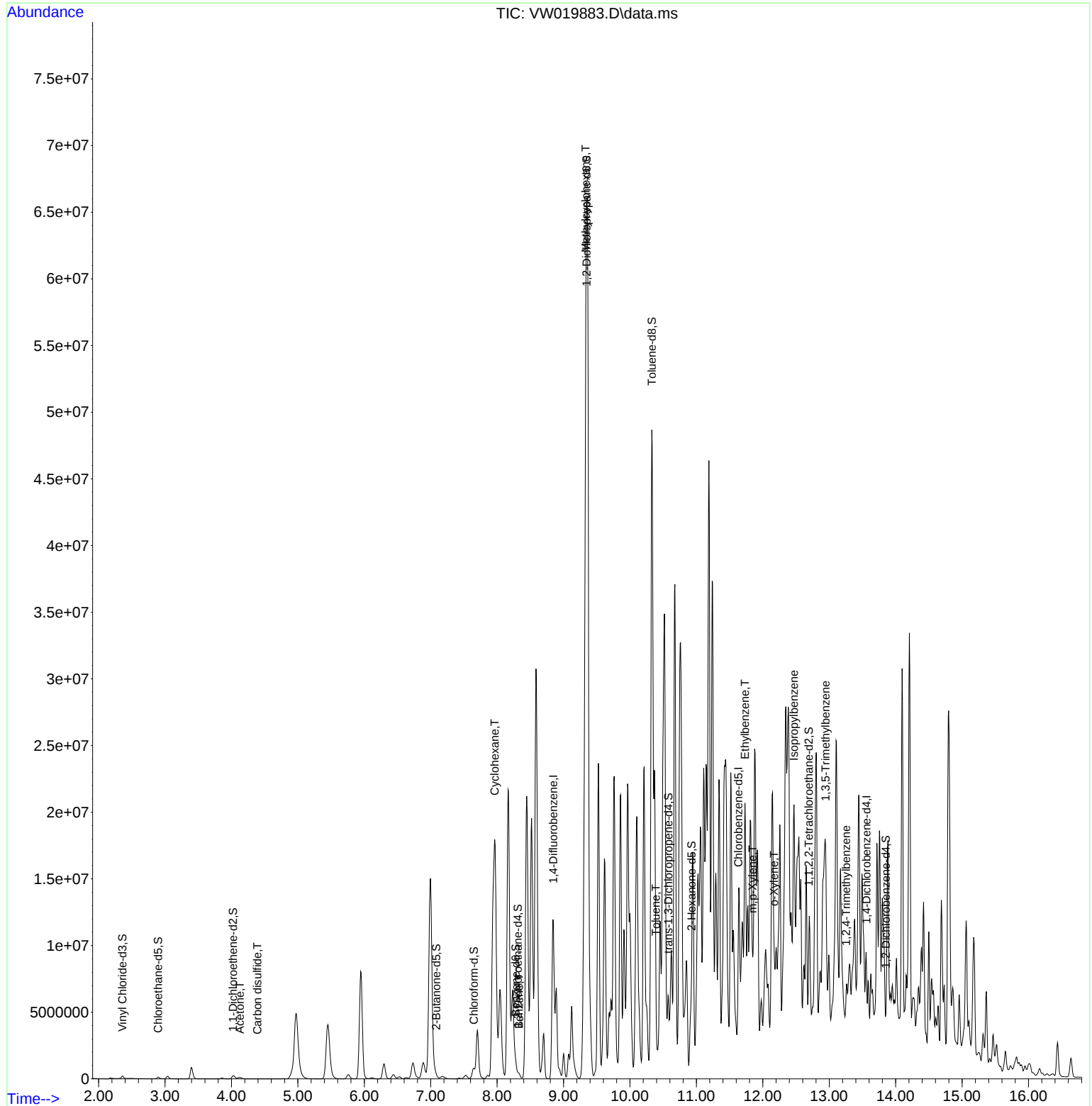
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082421\
Data File : VW019883.D
Acq On : 24 Aug 2021 18:29
Operator : SY/VA
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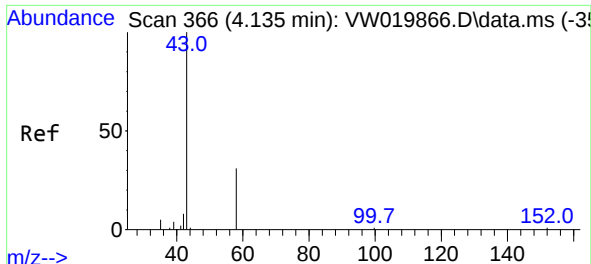
Instrument :
MSVOA_W
ClientSampleId :
EW7C0

Manual Integrations
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Quant Time: Aug 25 01:02:59 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





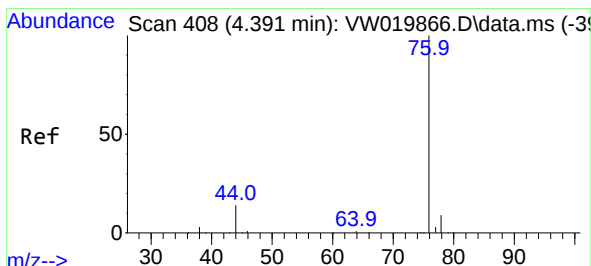
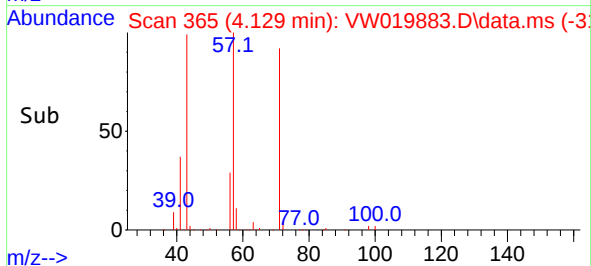
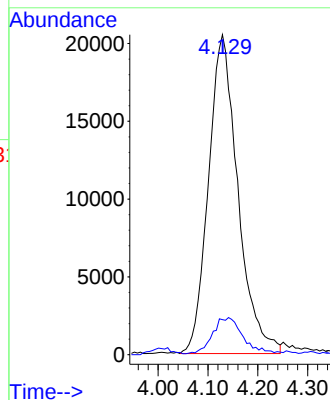
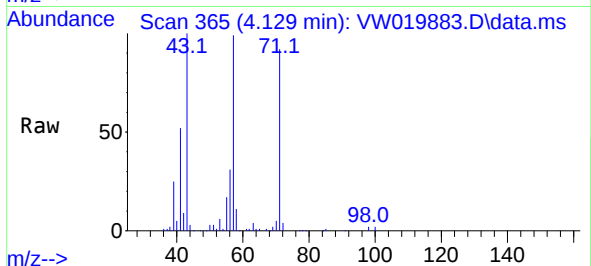
#13
Acetone
Concen: 43.004 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

Tgt Ion: 43 Resp: 84022
Ion Ratio Lower Upper
43 100
58 5.0 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
EW7C0

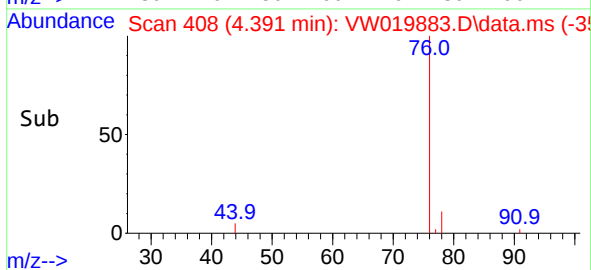
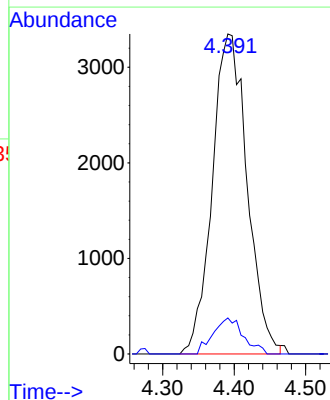
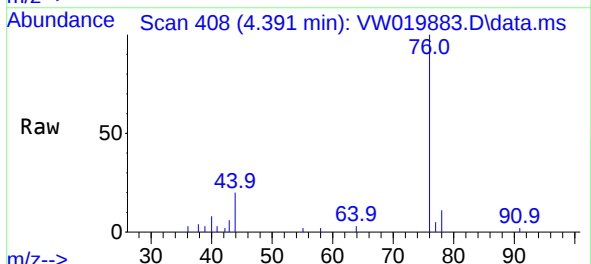
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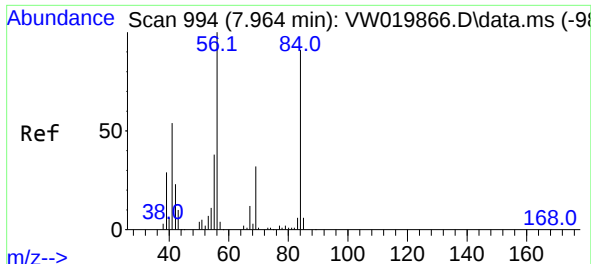
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#14
Carbon disulfide
Concen: 0.360 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

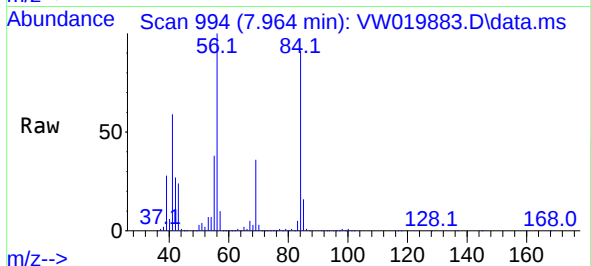
Tgt Ion: 76 Resp: 11339
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.0#





#29
Cyclohexane
Concen: 823.580 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

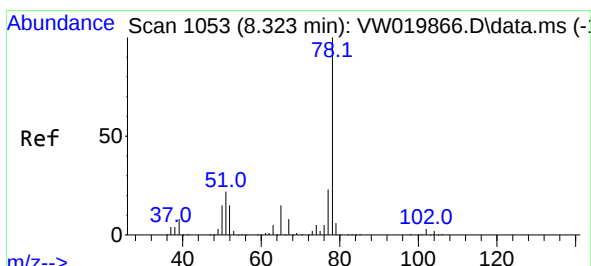
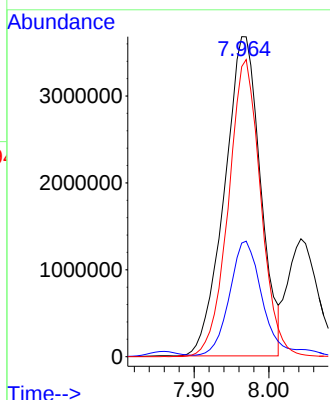
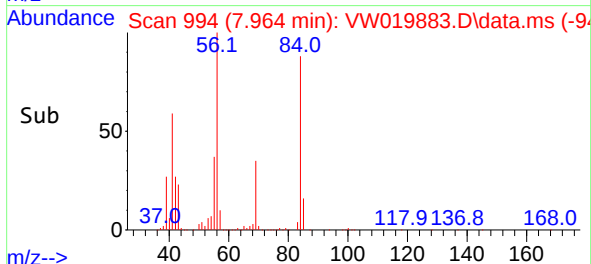
Instrument :
MSVOA_W
ClientSampled :
EW7C0



Tgt Ion: 56 Resp:12275864
Ion Ratio Lower Upper
56 100
69 31.8 24.5 36.7
84 83.8 75.0 112.4

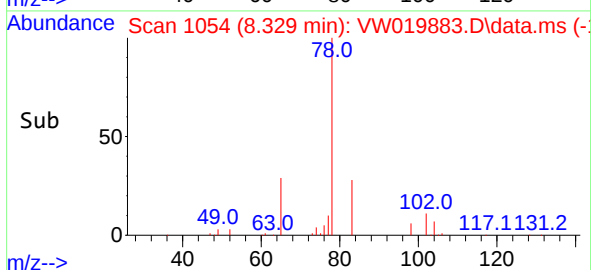
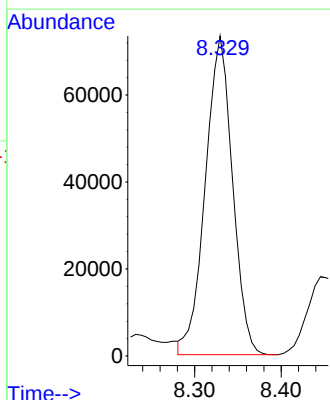
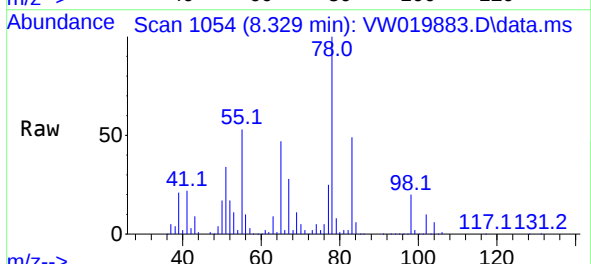
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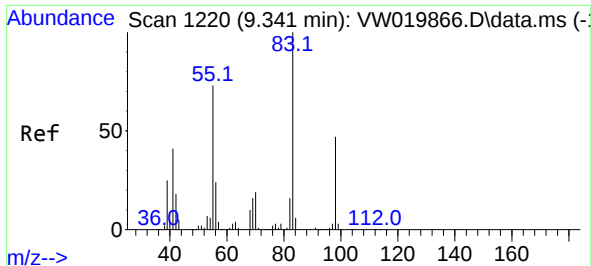
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#33
Benzene
Concen: 4.097 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

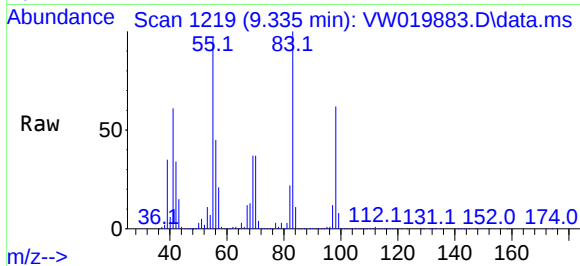
Tgt Ion: 78 Resp: 159587





#35
Methylcyclohexane
Concen: 1889.448 ug/L m
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

Instrument :
MSVOA_W
ClientSampled :
EW7C0

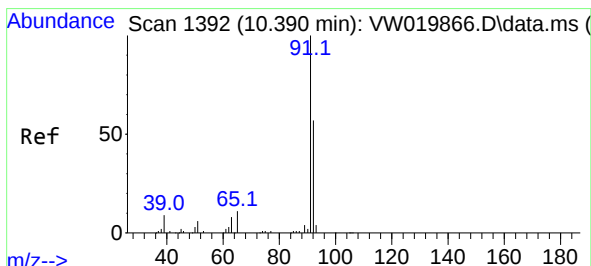
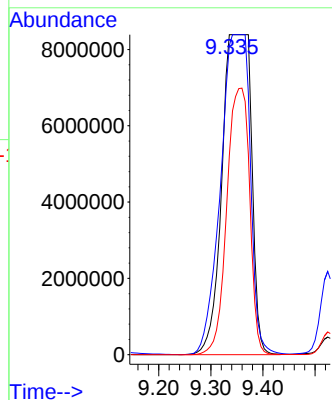
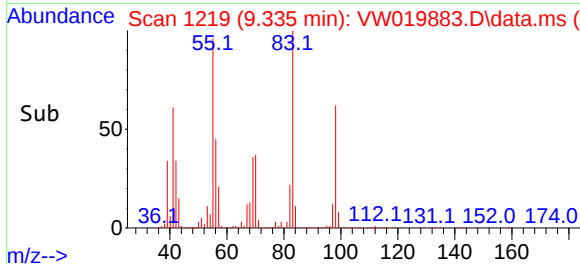


Tgt Ion: 83 Resp: 32820337

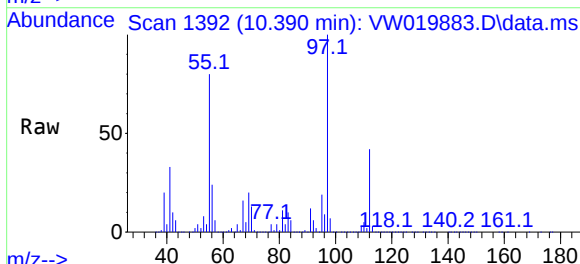
Ion	Ratio	Lower	Upper
83	100		
55	1.4	58.9	88.3#
98	1.1	40.1	60.1#

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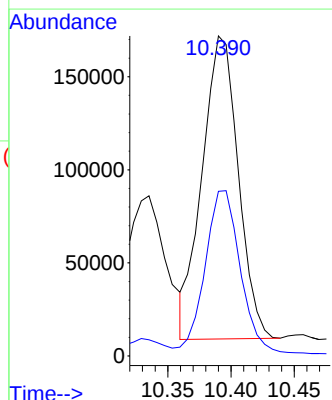
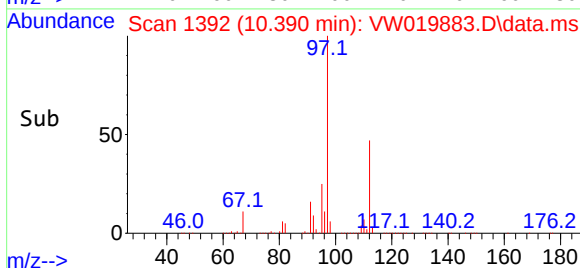


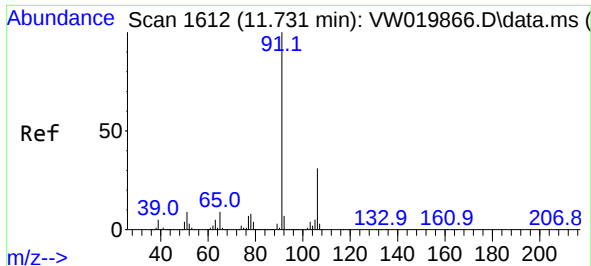
#42
Toluene
Concen: 7.824 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29



Tgt Ion: 91 Resp: 322857

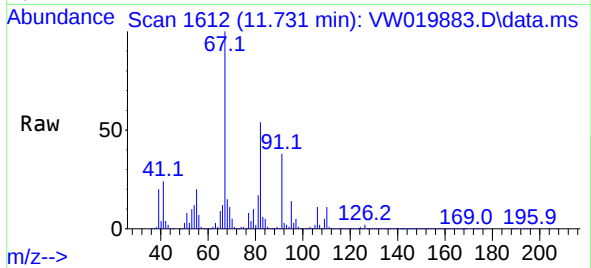
Ion	Ratio	Lower	Upper
91	100		
92	51.5	39.5	73.3





#52
Ethylbenzene
Concen: 58.426 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

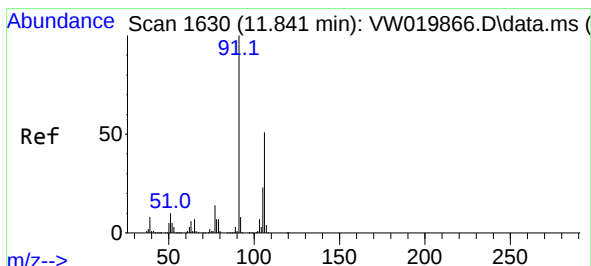
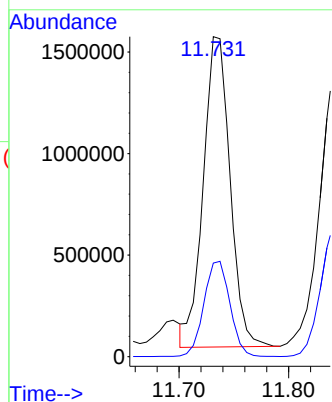
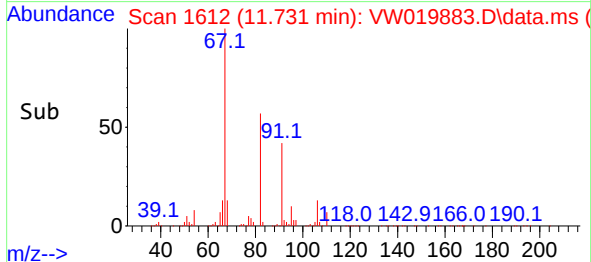
Instrument :
MSVOA_W
ClientSampled :
EW7C0



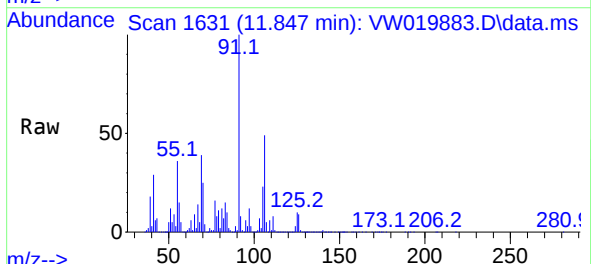
Tgt Ion: 91 Resp: 2595718
Ion Ratio Lower Upper
91 100
106 29.3 22.5 41.7

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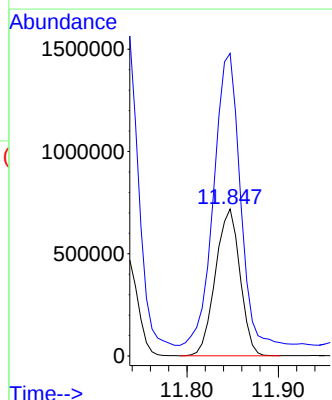
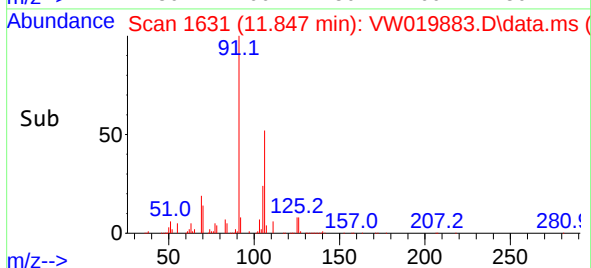
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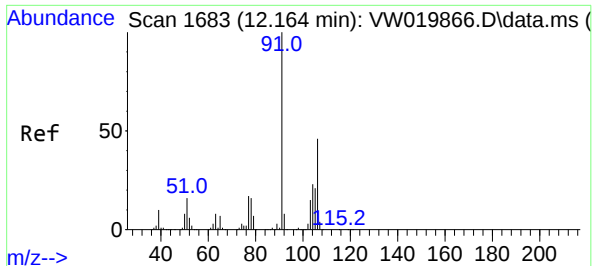


#53
m,p-Xylene
Concen: 78.432 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29



Tgt Ion: 106 Resp: 1338114
Ion Ratio Lower Upper
106 100
91 205.8 141.3 262.3





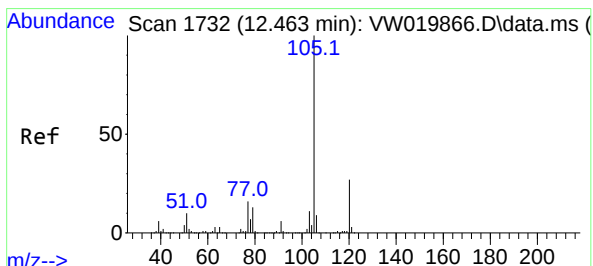
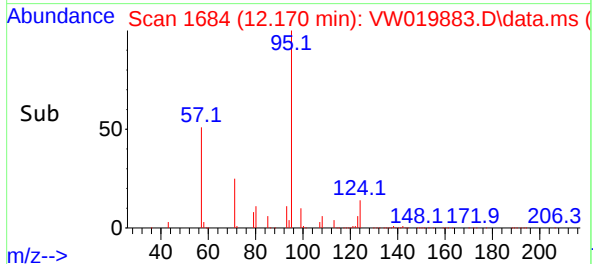
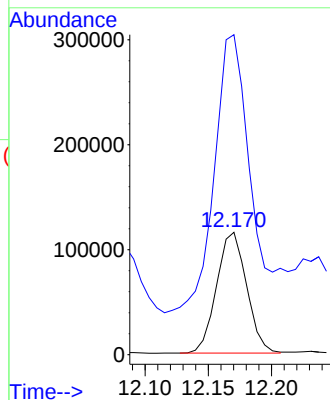
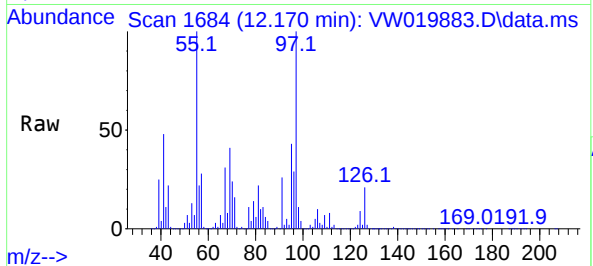
#54
o-Xylene
Concen: 11.775 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

Tgt Ion:106 Resp: 190028
Ion Ratio Lower Upper
106 100
91 261.6 150.0 278.6

Instrument :
MSVOA_W
ClientSampled :
EW7C0

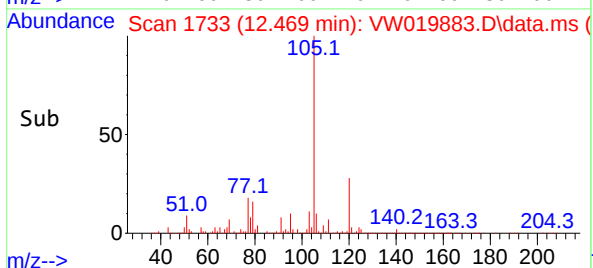
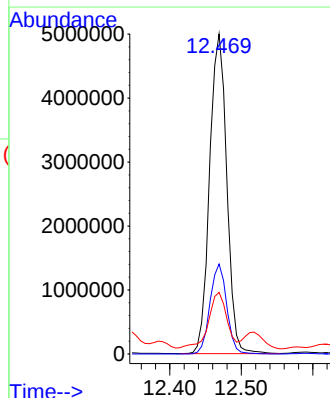
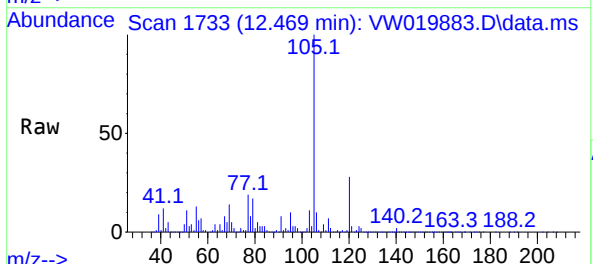
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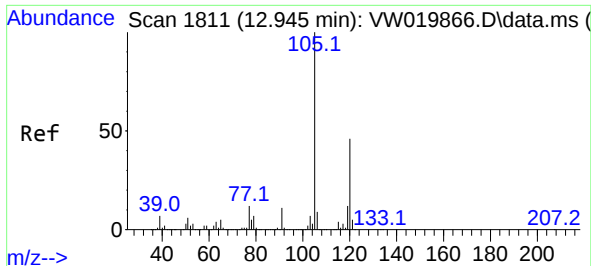
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#60
Isopropylbenzene
Concen: 192.658 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

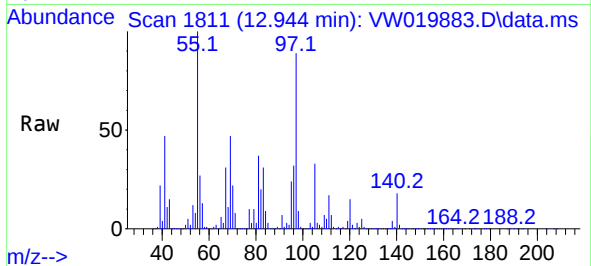
Tgt Ion:105 Resp: 8326632
Ion Ratio Lower Upper
105 100
120 27.3 21.1 31.7
77 18.2 13.2 19.8





#62
1,3,5-Trimethylbenzene
Concen: 29.038 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29

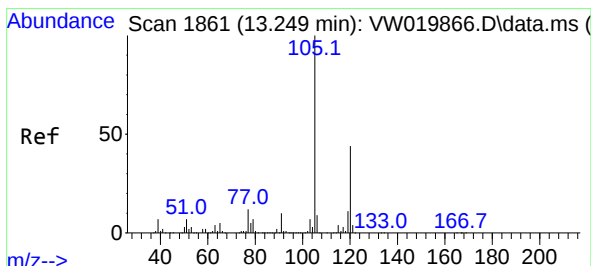
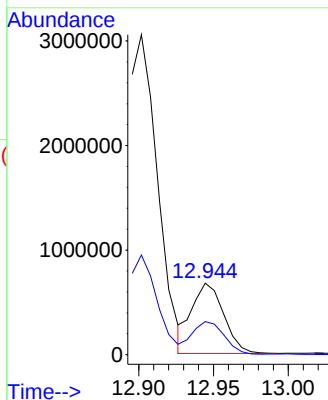
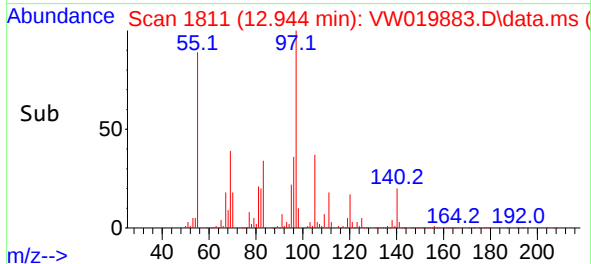
Instrument :
MSVOA_W
ClientSampled :
EW7C0



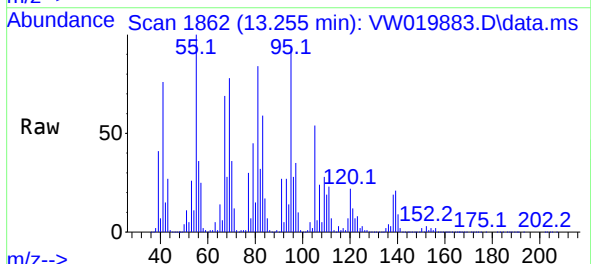
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Ion Ratio Lower Upper
105 100
120 46.7 39.0 58.6

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 10.195 ug/L
RT: 13.255 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VW019883.D
Acq: 24 Aug 2021 18:29



Tgt Ion:105 Resp: 356483
Ion Ratio Lower Upper
105 100
120 43.6 35.6 53.4

