

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020440.D
 Acq On : 11 Oct 2021 13:23
 Operator : SY/VA
 Sample : M4070-18
 Misc : 3.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7E3

Manual Integrations
 APPROVED

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 10/13/2021 10:11:50 AM

Quant Time: Oct 12 01:25:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 12 01:21:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	329840	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	262602	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	130081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	91223	19.007	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.040%		
7) Chloroethane-d5	2.879	69	49137	19.382	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.520%		
11) 1,1-Dichloroethene-d2	4.013	63	131238	13.345	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.360%		
21) 2-Butanone-d5	7.086	46	47516	32.531	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.060%		
24) Chloroform-d	7.653	84	180300	17.148	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	68.600%		
26) 1,2-Dichloroethane-d4	8.311	65	97577	16.249	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	65.000%#		
32) Benzene-d6	8.275	84	370921	21.473	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.880%		
36) 1,2-Dichloropropane-d6	9.274	67	126901	22.541	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.160%		
41) Toluene-d8	10.323	98	412545	26.618	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.480%		
43) trans-1,3-Dichloroprop...	10.579	79	47403	20.721	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.880%		
47) 2-Hexanone-d5	10.927	63	36325	41.944	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.880%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	72220	16.971	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	67.880%		
66) 1,2-Dichlorobenzene-d4	13.853	152	88544	17.401	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.600%#		
Target Compounds					Qvalue	
13) Acetone	4.135	43	12989	9.686	ug/L	92
22) 2-Butanone	7.189	43	5009m	2.984	ug/L	
29) Cyclohexane	7.952	56	50994	6.633	ug/L #	77
35) Methylcyclohexane	9.342	83	645180	81.818	ug/L	91
52) Ethylbenzene	11.731	91	23276	1.144	ug/L #	77
53) m,p-Xylene	11.847	106	21944	2.911	ug/L	91
54) o-Xylene	12.164	106	7694	1.105	ug/L #	55
60) Isopropylbenzene	12.463	105	902883	47.290	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	21553	1.383	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	4395641	284.678	ug/L	98

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

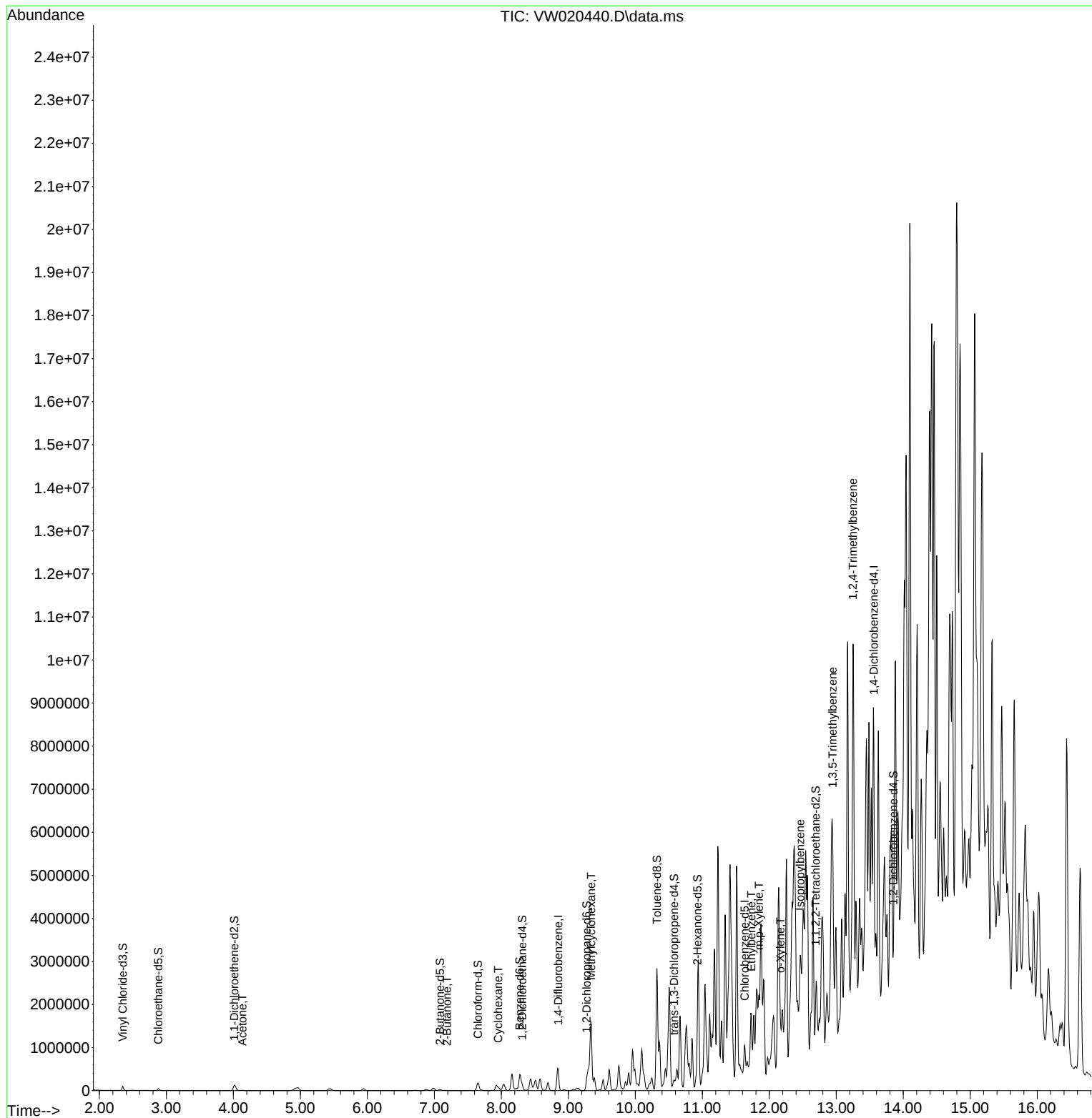
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020440.D
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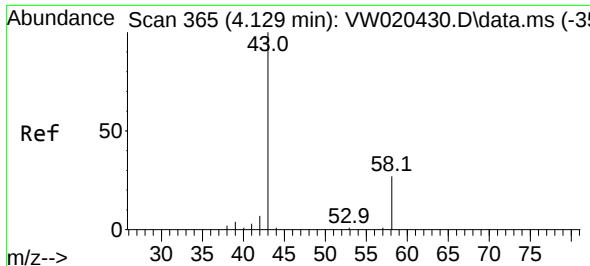
Instrument :
MSVOA_W
ClientSampleId :
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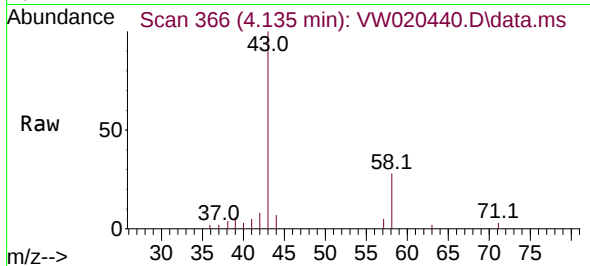
Quant Time: Oct 12 01:25:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 12 01:21:43 2021
Response via : Initial Calibration





#13
Acetone
Concen: 9.686 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23

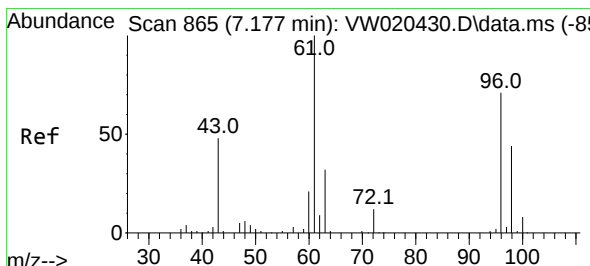
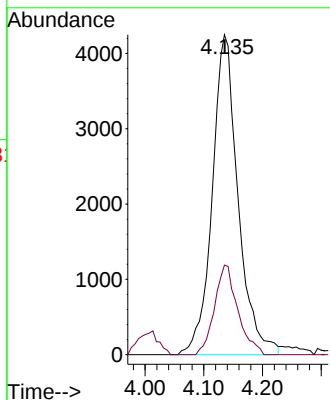
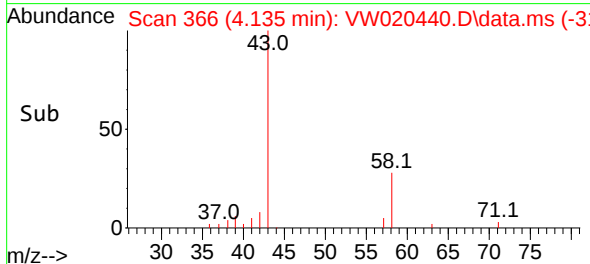
Instrument :
MSVOA_W
ClientSampled :
EW7E3



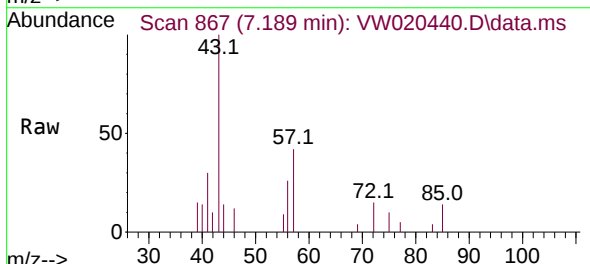
Tgt Ion: 43 Resp: 12989
Ion Ratio Lower Upper
43 100
58 25.1 0.0 58.4

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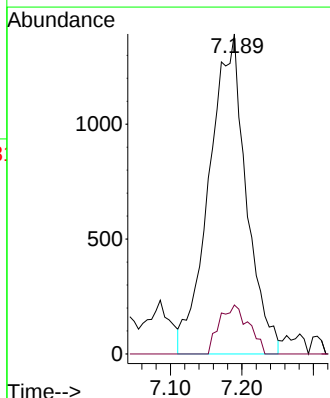
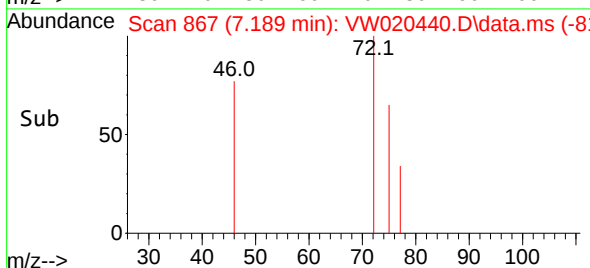
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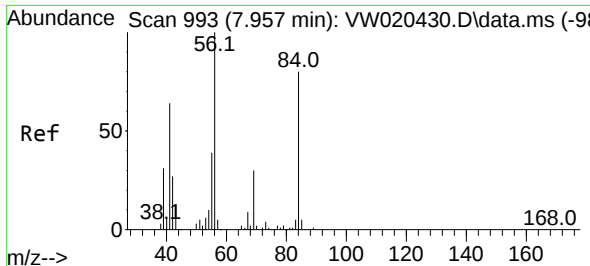


#22
2-Butanone
Concen: 2.984 ug/L m
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23



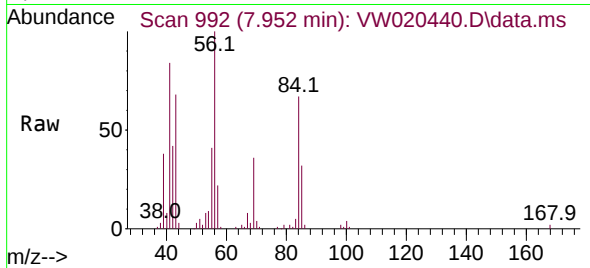
Tgt Ion: 43 Resp: 5009
Ion Ratio Lower Upper
43 100
72 3.9 12.2 36.6#





#29
Cyclohexane
Concen: 6.633 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23

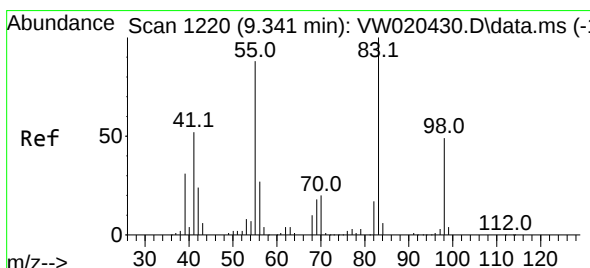
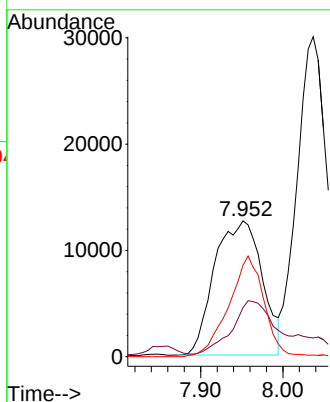
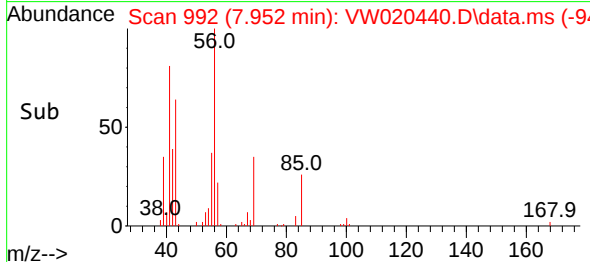
Instrument :
MSVOA_W
ClientSampled :
EW7E3



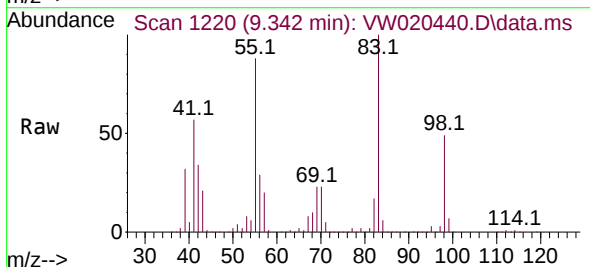
Tgt Ion: 56 Resp: 50994
Ion Ratio Lower Upper
56 100
69 35.2 23.2 34.8#
84 55.4 63.7 95.5#

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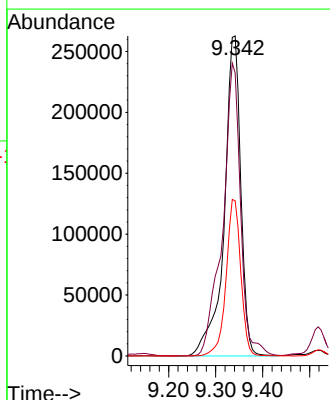
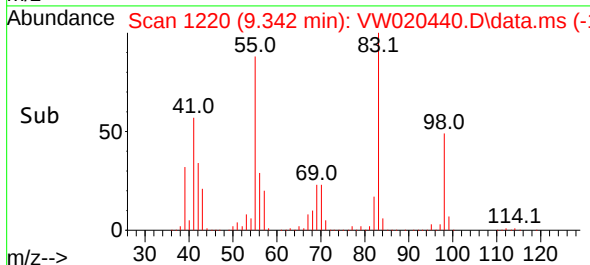
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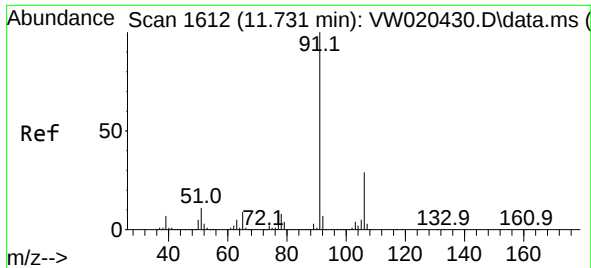


#35
Methylcyclohexane
Concen: 81.818 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23



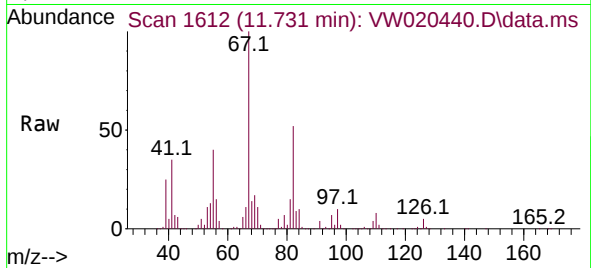
Tgt Ion: 83 Resp: 645180
Ion Ratio Lower Upper
83 100
55 97.0 69.7 104.5
98 43.2 38.2 57.2





#52
Ethylbenzene
Concen: 1.144 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23

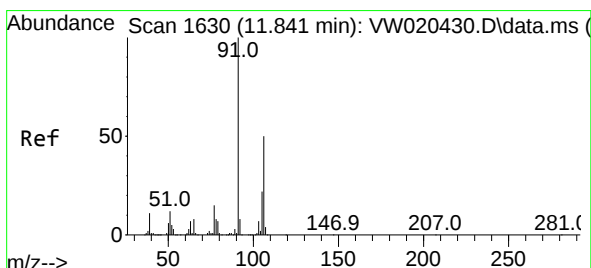
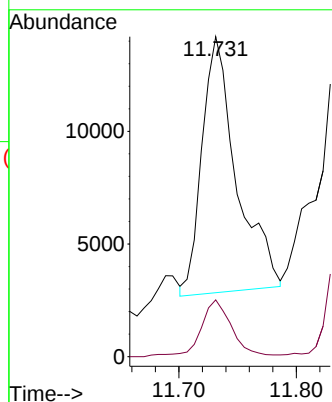
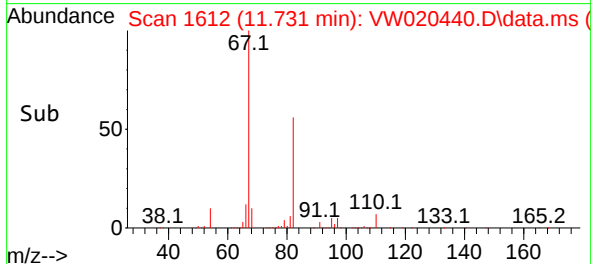
Instrument :
MSVOA_W
ClientSampleId :
EW7E3



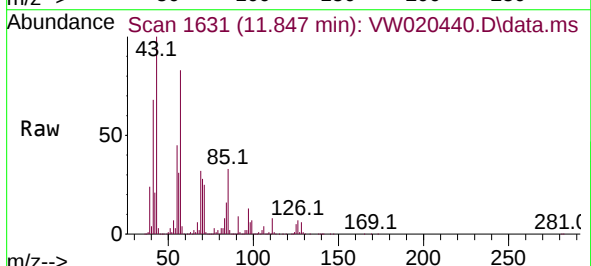
Tgt Ion: 91 Resp: 23276
Ion Ratio Lower Upper
91 100
106 17.7 21.3 39.5#

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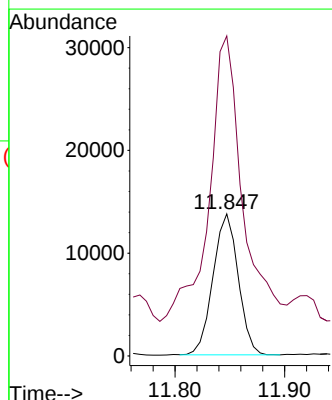
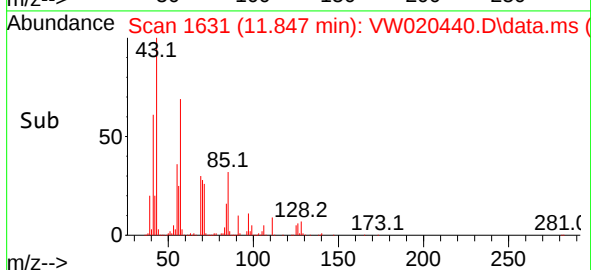
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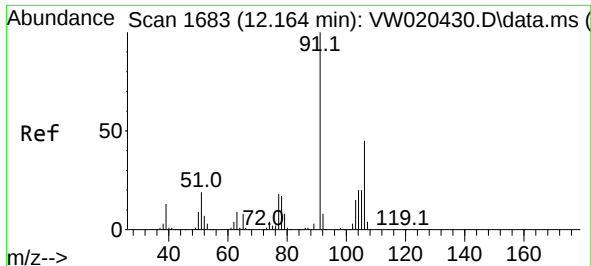


#53
m,p-Xylene
Concen: 2.911 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23



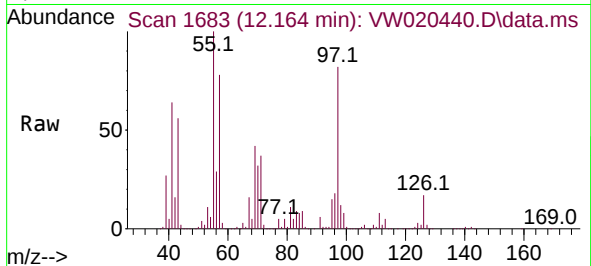
Tgt Ion: 106 Resp: 21944
Ion Ratio Lower Upper
106 100
91 225.1 148.2 275.2





#54
o-Xylene
Concen: 1.105 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23

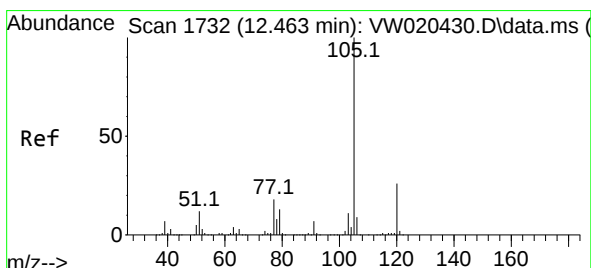
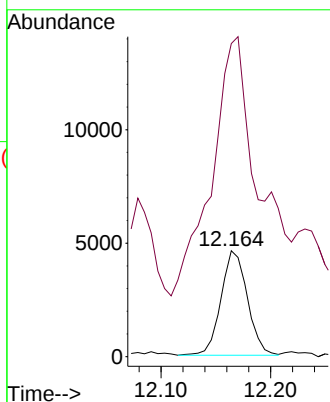
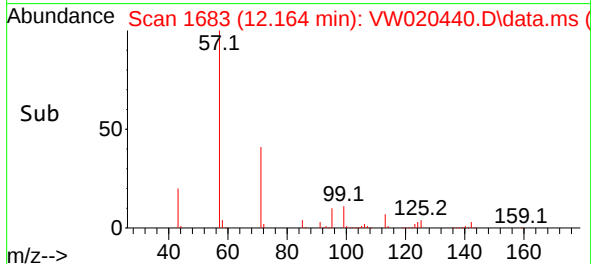
Instrument :
MSVOA_W
ClientSampled :
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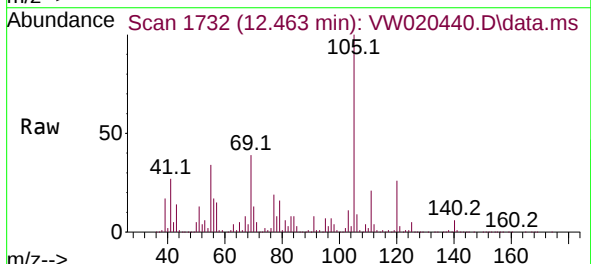
Tgt Ion:106 Resp: 7694
Ion Ratio Lower Upper
106 100
91 295.5 156.1 289.9#

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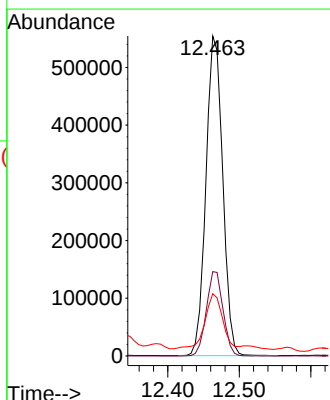
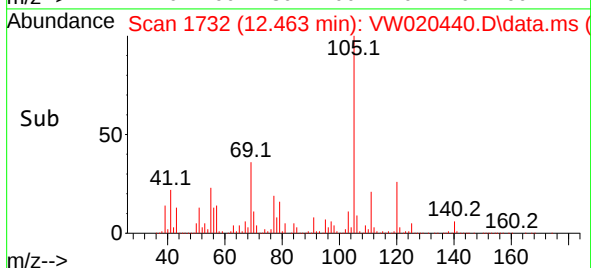
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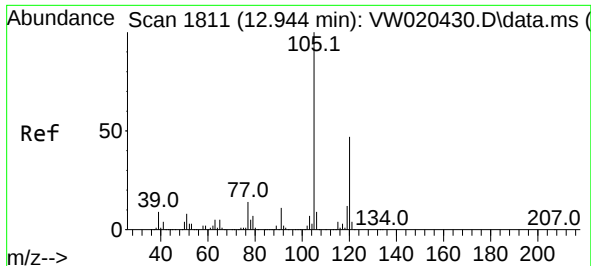


#60
Isopropylbenzene
Concen: 47.290 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23



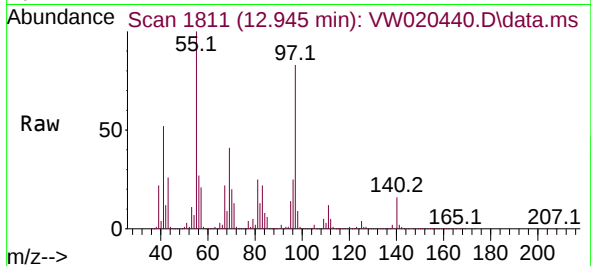
Tgt Ion:105 Resp: 902883
Ion Ratio Lower Upper
105 100
120 26.2 20.3 30.5
77 18.2 13.8 20.6





#62
1,3,5-Trimethylbenzene
Concen: 1.383 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23

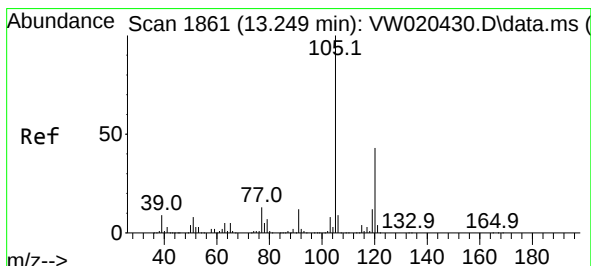
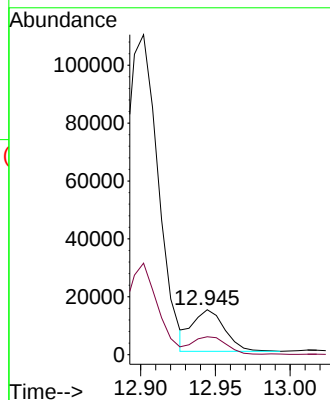
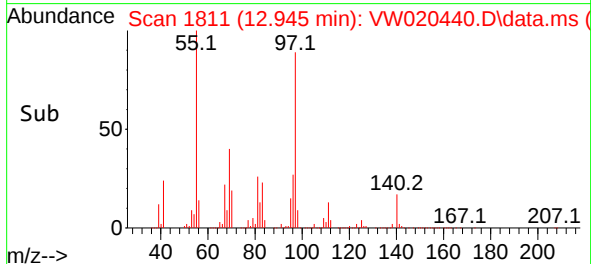
Instrument :
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ClientSampled :
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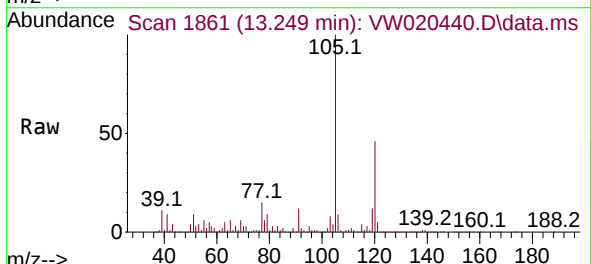
Tgt Ion:105 Resp: 21553
Ion Ratio Lower Upper
105 100
120 44.6 37.9 56.9

Manual Integrations
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10/13/2021 10:11:50 AM



#63
1,2,4-Trimethylbenzene
Concen: 284.678 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020440.D
Acq: 11 Oct 2021 13:23



Tgt Ion:105 Resp: 4395641
Ion Ratio Lower Upper
105 100
120 45.7 35.4 53.2

