Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017933.D
Acq On : 18 Jan 2021 17:06
Operator : SY/VA
Sample : M1099-20
Misc : 7.00G/10ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 19 06:58:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 06:55:11 2021
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : F1C16

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374556	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296003	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	106461	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	174958	29.76	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.04%			
7) Chloroethane-d5	2.879	69	132406	27.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.12%			
10) 1,1-Dichloroethene-d2	4.007	63	192534	18.13	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.52%			
20) 2-Butanone-d5	7.110	46	66042	46.45	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.90%			
24) Chloroform-d	7.647	84	250575	24.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.08%			
26) 1,2-Dichloroethane-d4	8.305	65	153070m	26.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.92%			
29) Benzene-d6	8.275	84	485128	28.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.56%			
33) 1,2-Dichloropropane-d6	9.274	67	145632	30.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.84%#			
37) Toluene-d8	10.323	98	420957	26.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.88%			
38) trans-1,3-Dichloroprop...	10.579	79	51113	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.84%			
39) 2-Hexanone-d5	10.927	63	57430	66.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 132.90%			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	117013	27.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.16%			
61) 1,2-Dichlorobenzene-d4	13.853	152	95886	25.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.56%			
Target Compounds						Qvalue
13) Acetone	4.196	43	89076m	88.96	ug/L	
14) Carbon disulfide	4.373	76	34447	2.26	ug/L	97
16) Methylene chloride	4.922	84	7741m	1.43	ug/L	
21) 2-Butanone	7.208	43	33077m	21.26	ug/L	
34) Benzene	8.323	78	10254	0.59	ug/L	100
36) Methylcyclohexane	9.335	83	8694	1.04	ug/L #	33
44) Toluene	10.390	91	16002	0.83	ug/L	98
52) Chlorobenzene	11.658	112	464448	37.25	ug/L	97
53) Ethylbenzene	11.731	91	11070	0.51	ug/L	93
54) m,p-Xylene	11.835	106	8455	1.00	ug/L	92
55) o-xylene	12.164	106	3374	0.43	ug/L	99
57) Isopropylbenzene	12.463	105	154237	7.08	ug/L	96
63) 1,3-Dichlorobenzene	13.499	146	80999	12.15	ug/L #	90
64) 1,4-Dichlorobenzene	13.579	146	172056	25.68	ug/L	92

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

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Instrument :
MSVOA_W
ClientSampleId :
F1C16

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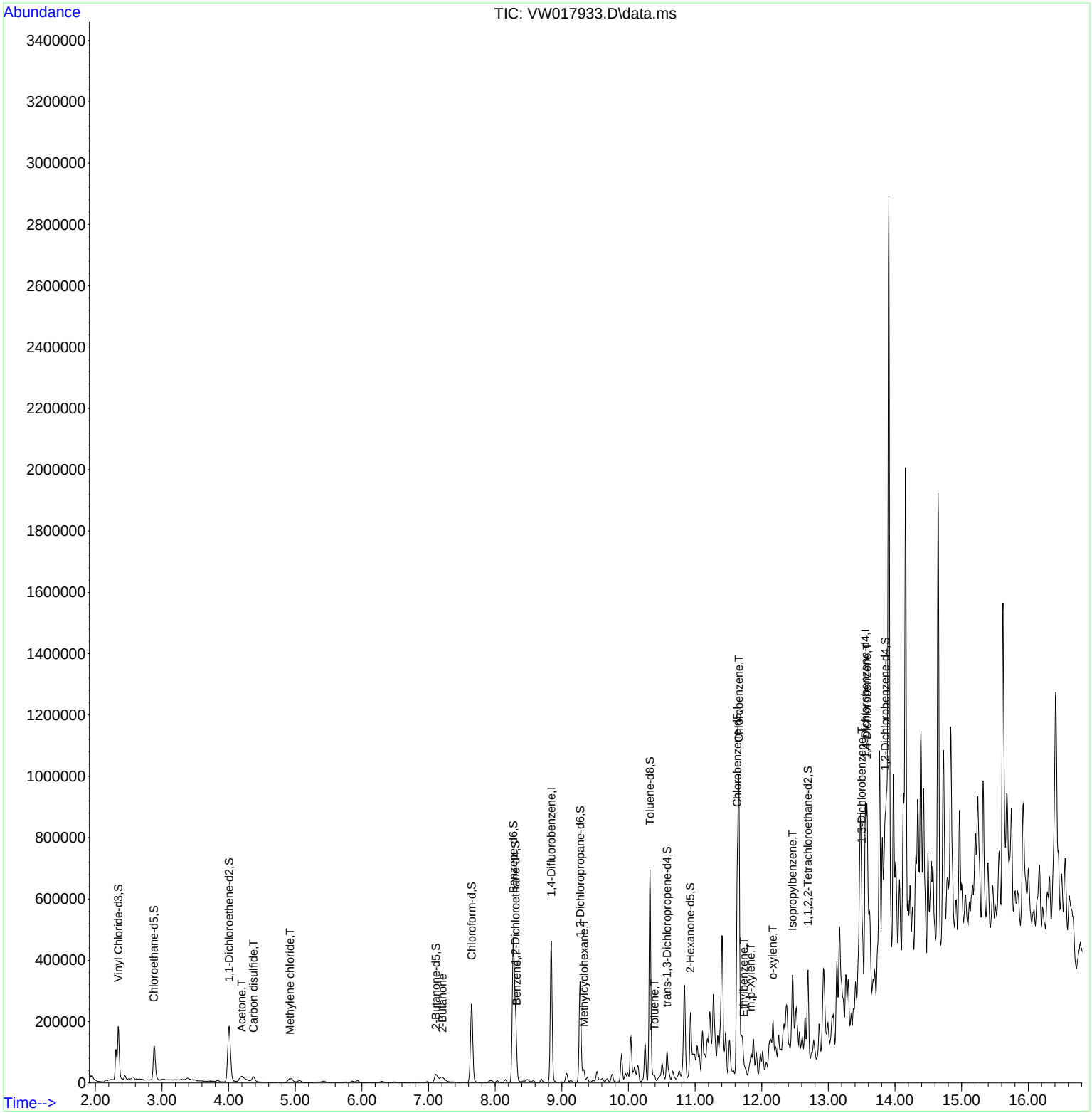
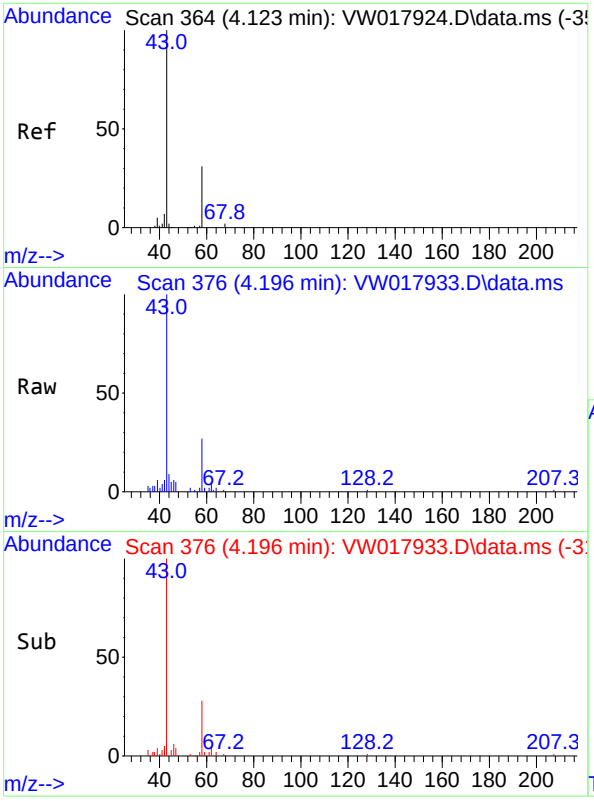
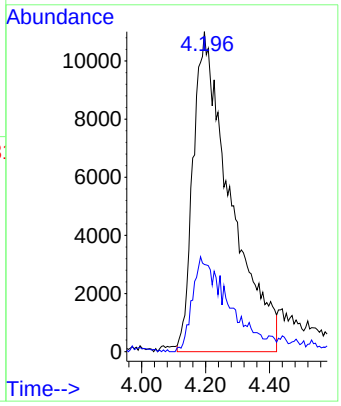




#13
Acetone
Concen: 88.96 ug/L m
RT: 4.196 min Scan# 376
Delta R.T. 0.073 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 43 Resp: 89076

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	68.4



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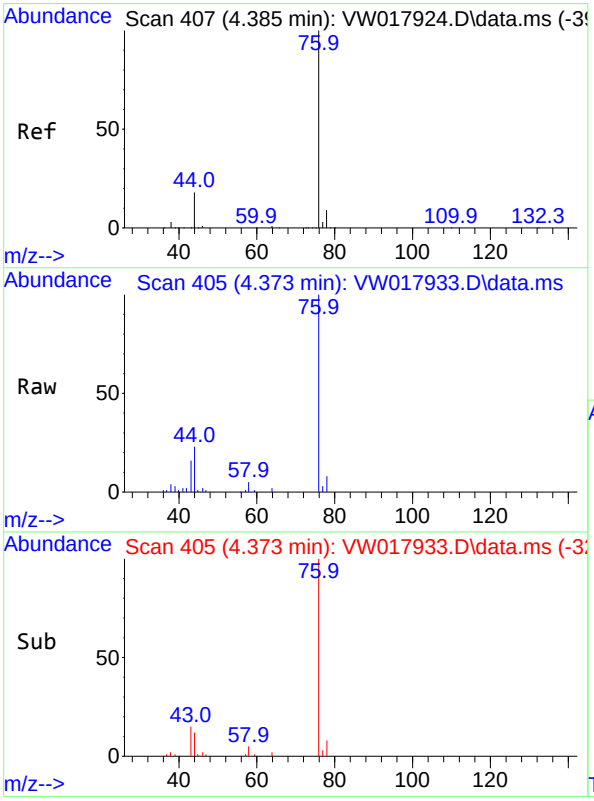
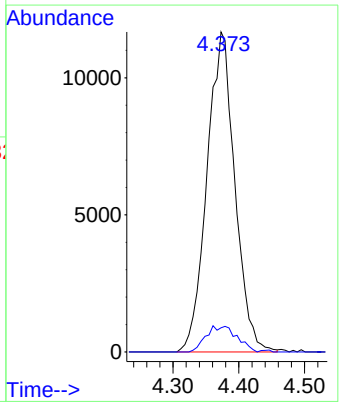
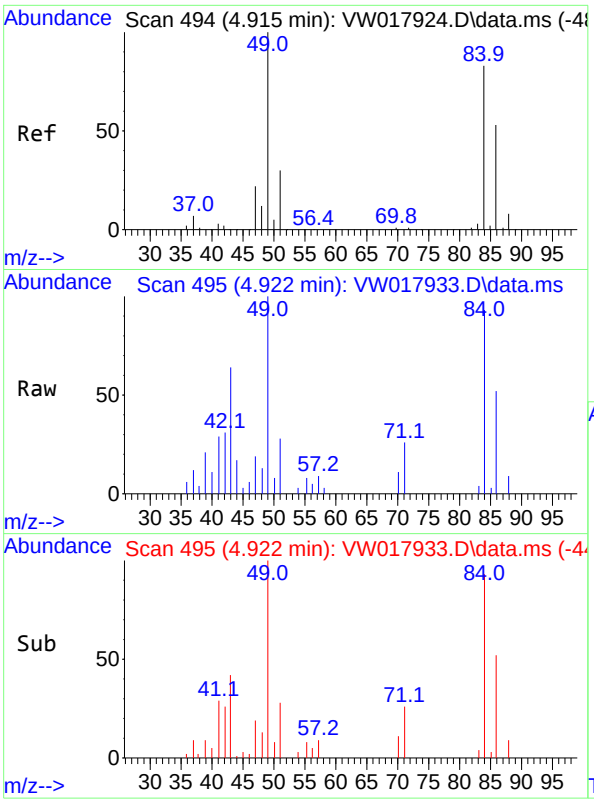


#14
Carbon disulfide
Concen: 2.26 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 76 Resp: 34447

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.0	10.4

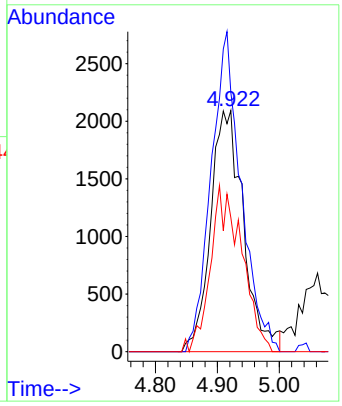


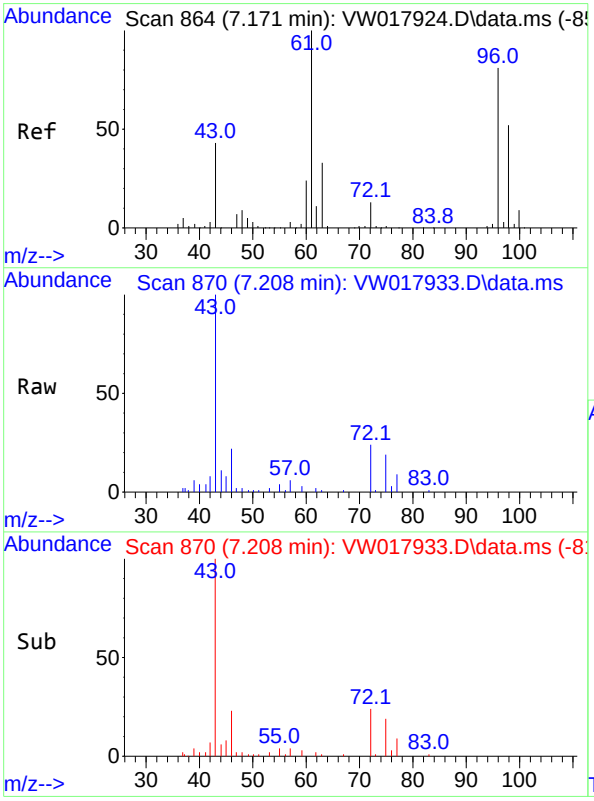


#16
Methylene chloride
Concen: 1.43 ug/L m
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 84 Resp: 7741

Ion	Ratio	Lower	Upper
84	100		
49	107.5	81.2	150.8
86	55.6	44.5	82.7

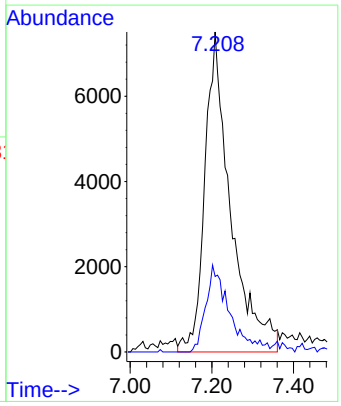




#21
2-Butanone
Concen: 21.26 ug/L m
RT: 7.208 min Scan# 870
Delta R.T. 0.037 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 43 Resp: 33077

Ion	Ratio	Lower	Upper
43	100		
72	0.2	14.4	43.2#



Instrument :
MSVOA_W
ClientSampleId :
F1C16

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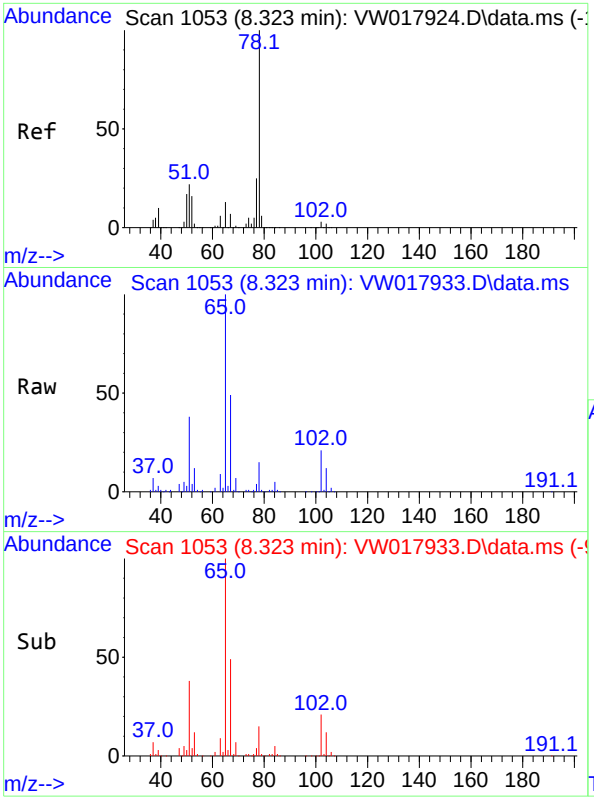
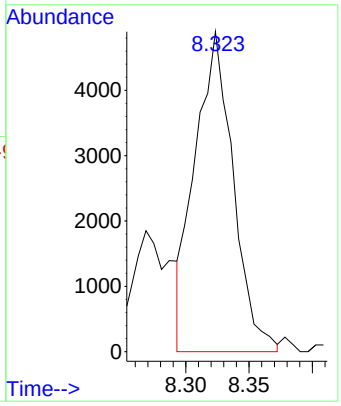
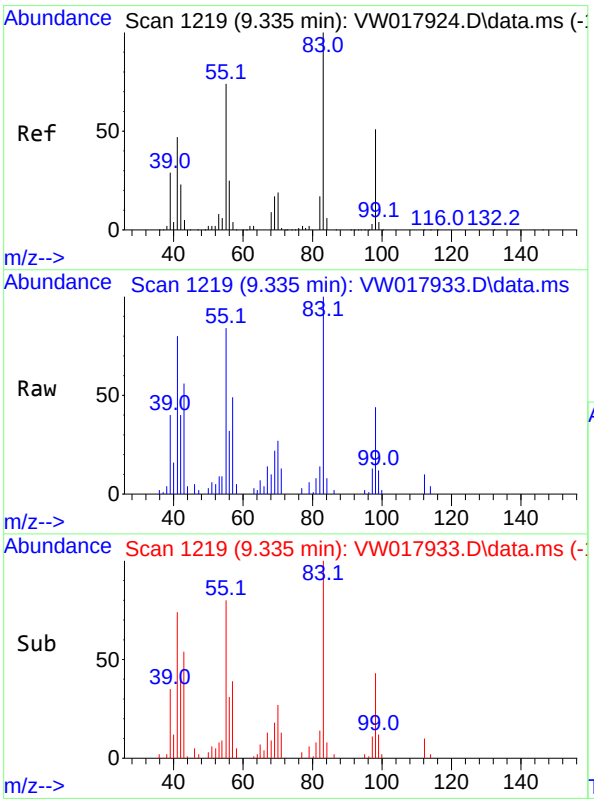


#34
Benzene
Concen: 0.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 78 Resp: 10254

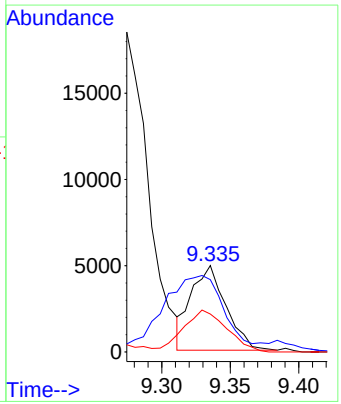




#36
Methylcyclohexane
Concen: 1.04 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 83 Resp: 8694

Ion	Ratio	Lower	Upper
83	100		
55	161.1	59.4	89.0#
98	61.8	40.7	61.1#



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ClientSampleId :
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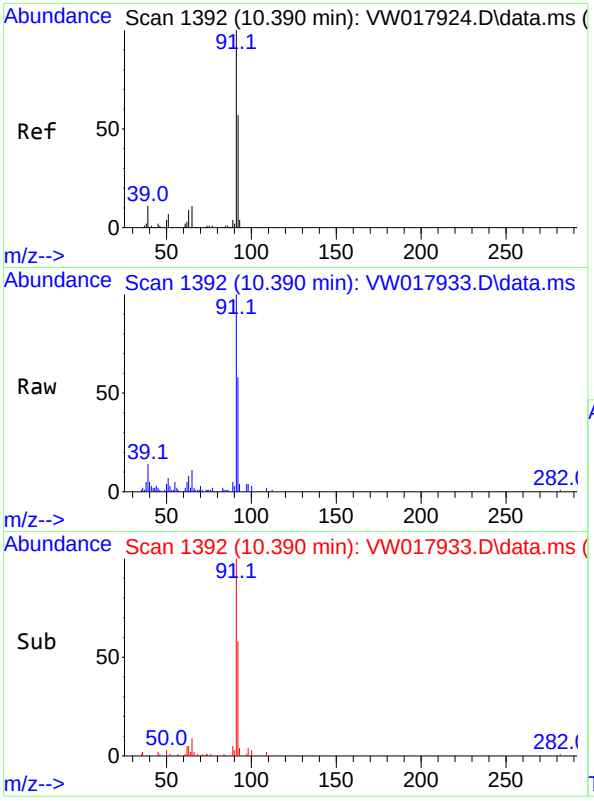
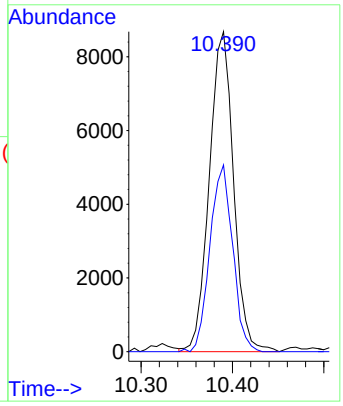
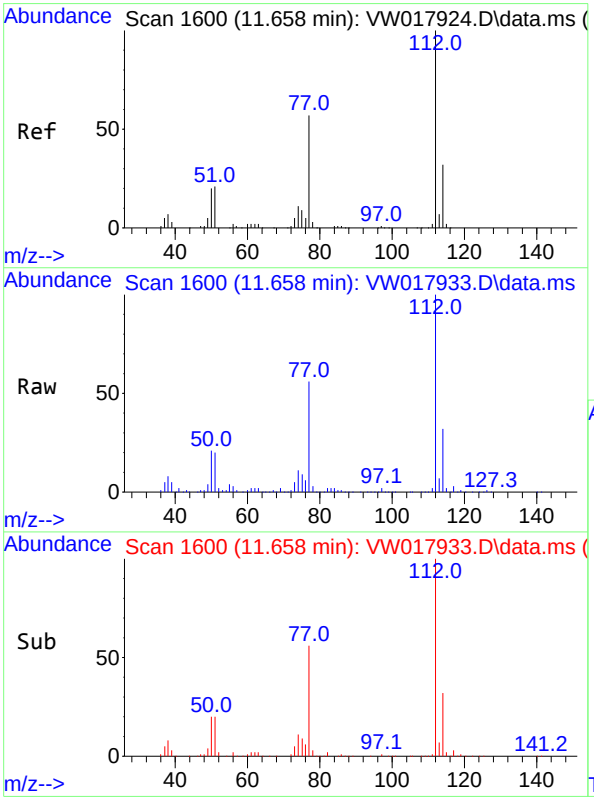


#44
Toluene
Concen: 0.83 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 91 Resp: 16002

Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.6	77.3

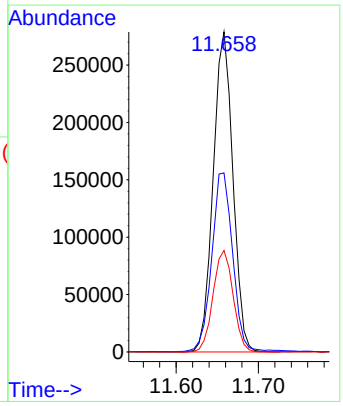




#52
Chlorobenzene
Concen: 37.25 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion:112 Resp: 464448

Ion	Ratio	Lower	Upper
112	100		
77	55.9	42.6	64.0
114	31.7	21.6	40.2



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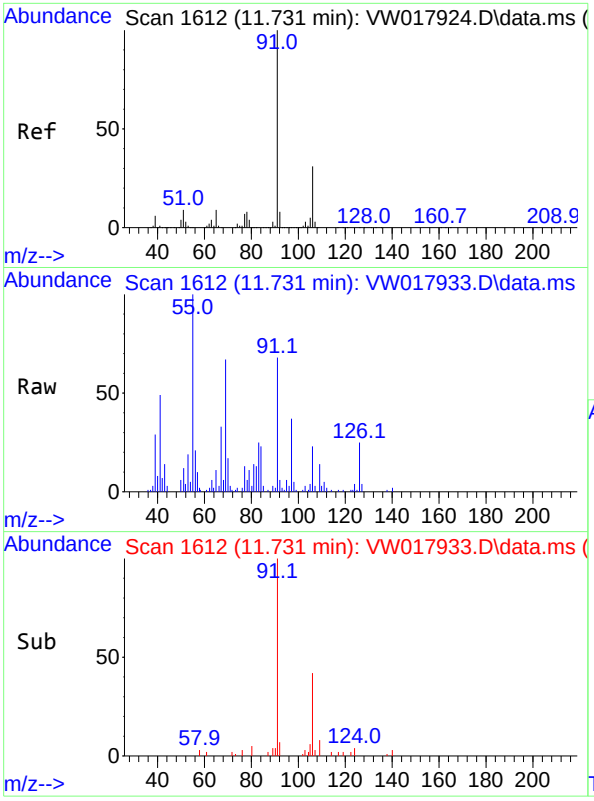
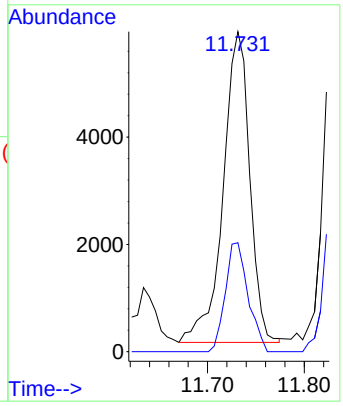
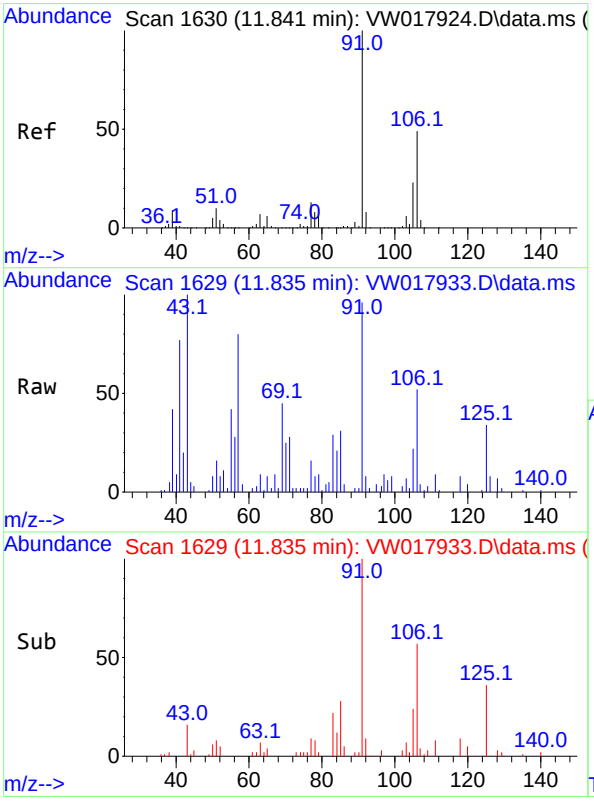


#53
Ethylbenzene
Concen: 0.51 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion: 91 Resp: 11070

Ion	Ratio	Lower	Upper
91	100		
106	34.1	21.1	39.1

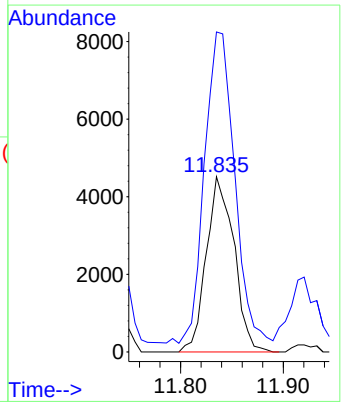


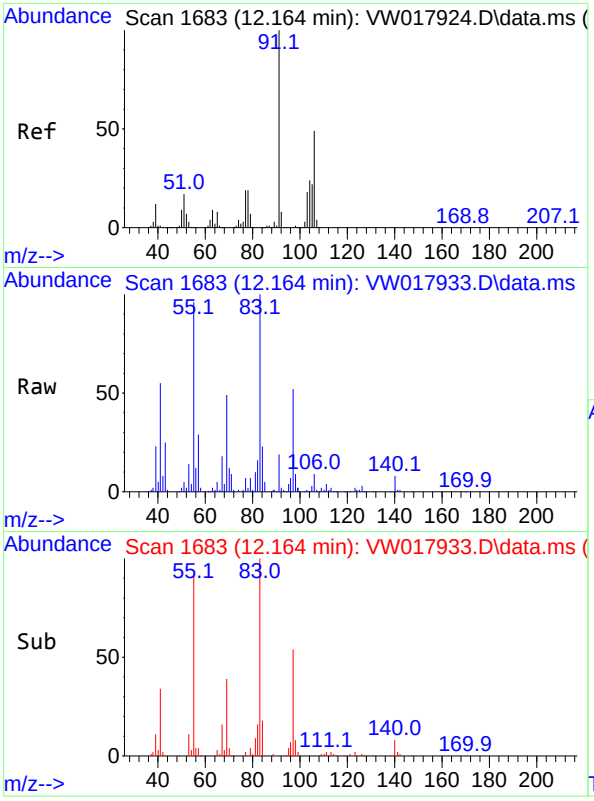


#54
m,p-Xylene
Concen: 1.00 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion:106 Resp: 8455

Ion	Ratio	Lower	Upper
106	100		
91	182.6	136.4	253.4

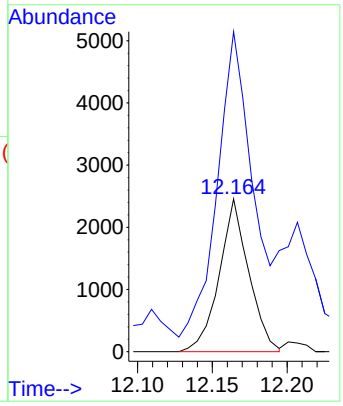




#55
o-xylene
Concen: 0.43 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion:106 Resp: 3374

Ion	Ratio	Lower	Upper
106	100		
91	209.4	147.6	274.2



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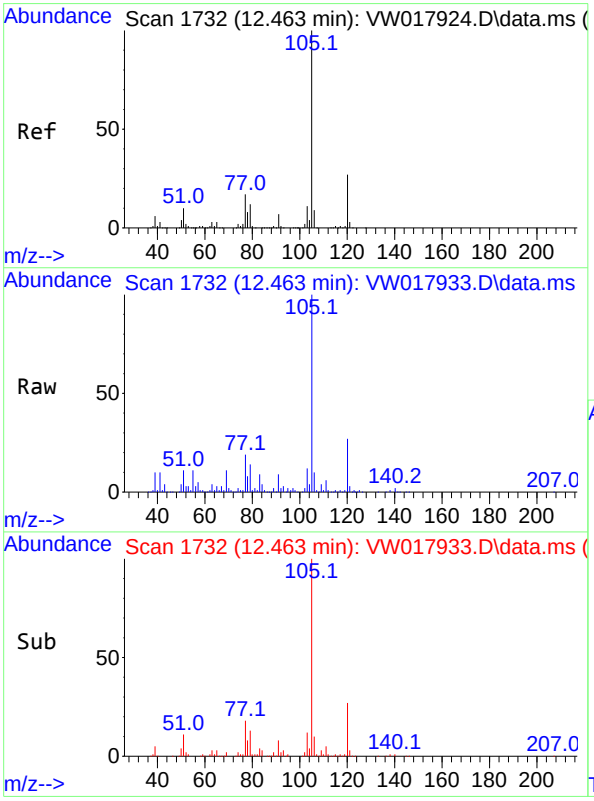
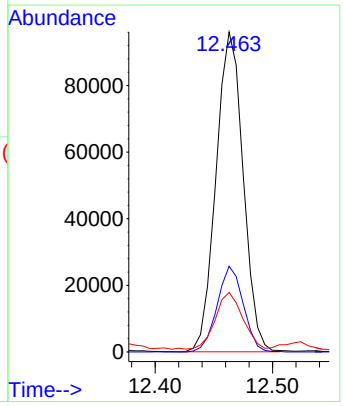
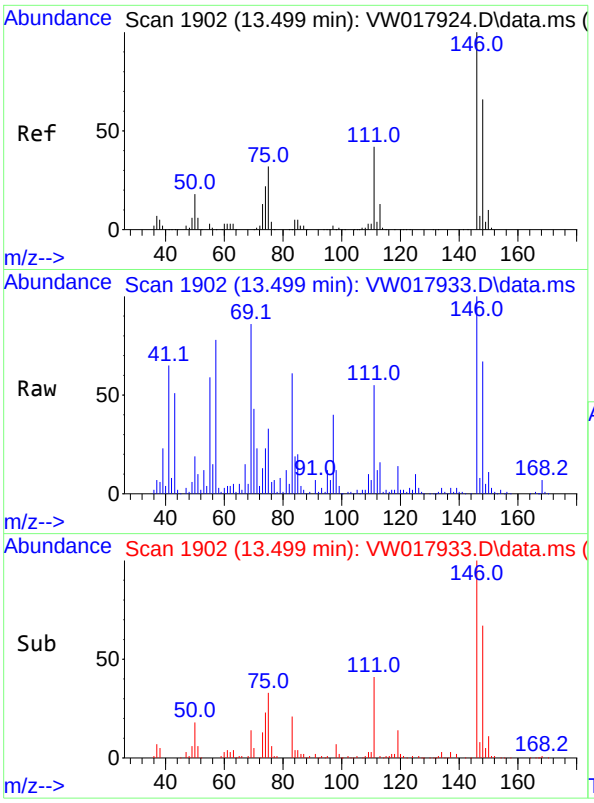


#57
Isopropylbenzene
Concen: 7.08 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion:105 Resp: 154237

Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.4	32.2
77	17.7	12.1	18.1

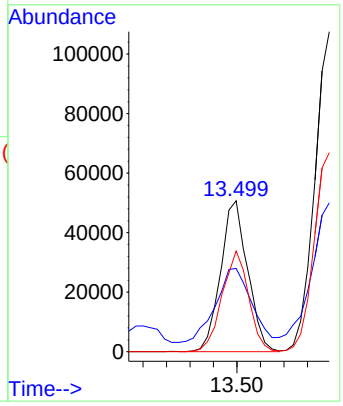


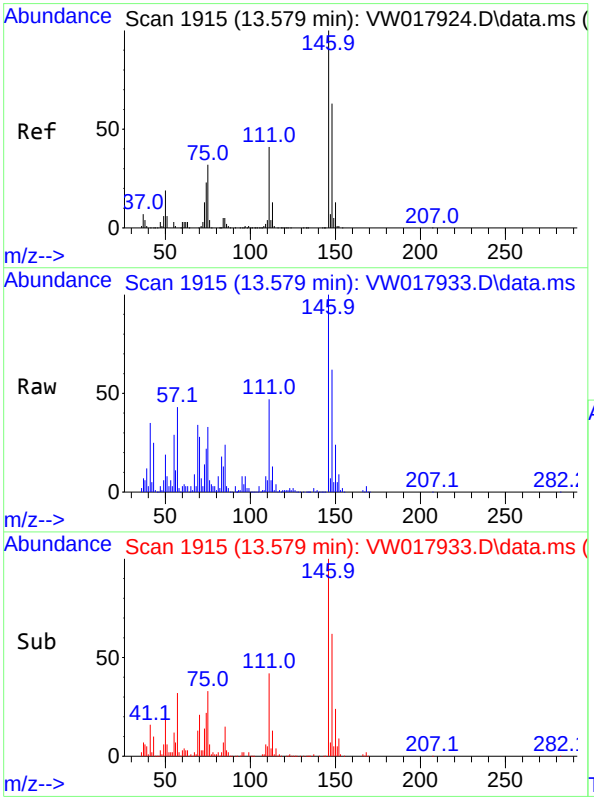


#63
1,3-Dichlorobenzene
Concen: 12.15 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion:146 Resp: 80999

Ion	Ratio	Lower	Upper
146	100		
111	55.2	28.5	52.9#
148	66.7	47.8	88.8

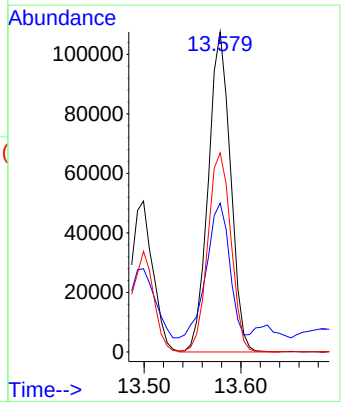




#64
1,4-Dichlorobenzene
Concen: 25.68 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017933.D
Acq: 18 Jan 2021 17:06

Tgt Ion:146 Resp: 172056

Ion	Ratio	Lower	Upper
146	100		
111	46.5	27.7	51.5
148	62.2	47.0	87.2



Instrument :
MSVOA_W
ClientSampleId :
F1C16

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