Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033020\
Data File : VV015279.D
Acq On : 30 Mar 2020 18:06
Operator : SY/MD
Sample : L1976-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTJ4

Manual Integrations APPROVED
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Quant Time: Mar 31 03:19:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 31 02:12:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	579067	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	248223	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	111719	26.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 52.92%#			
7) Chloroethane-d5	1.58	69	118761	30.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 60.46%#			
11) 1,1-Dichloroethene-d2	2.12	63	184655	20.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 40.56%#			
21) 2-Butanone-d5	3.93	46	243020m	88.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.01%			
24) Chloroform-d	4.38	84	263431	34.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 69.40%#			
26) 1,2-Dichloroethane-d4	5.06	65	175037	35.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.56%			
32) Benzene-d6	5.08	84	473243	32.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 64.78%#			
36) 1,2-Dichloropropane-d6	6.10	67	167417	36.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 73.28%			
41) Toluene-d8	7.34	98	434069	30.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 61.42%#			
43) trans-1,3-Dichloropropene-	7.64	79	74121	29.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.58%#			
47) 2-Hexanone-d5	8.11	63	184057	85.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.87%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	262014	38.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.72%			
64) 1,2-Dichlorobenzene-d4	11.65	152	174881	35.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 70.80%#			
Target Compounds						Qvalue
13) Acetone	2.21	43	547344	290.493	ug/L	92
14) Carbon disulfide	2.31	76	6084	0.584	ug/L #	74
15) Methyl Acetate	2.46	43	12865	3.400	ug/L	92
16) Methylene chloride	2.53	84	3226	0.805	ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	4965	1.383	ug/L	88
22) 2-Butanone	4.01	43	283088	103.066	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	9838	1.756	ug/L #	94
48) 2-Hexanone	8.17	43	20766	4.831	ug/L #	92

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

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Instrument :
MSVOA_V
ClientSampleId :
ETTJ4

Manual Integrations APPROVED
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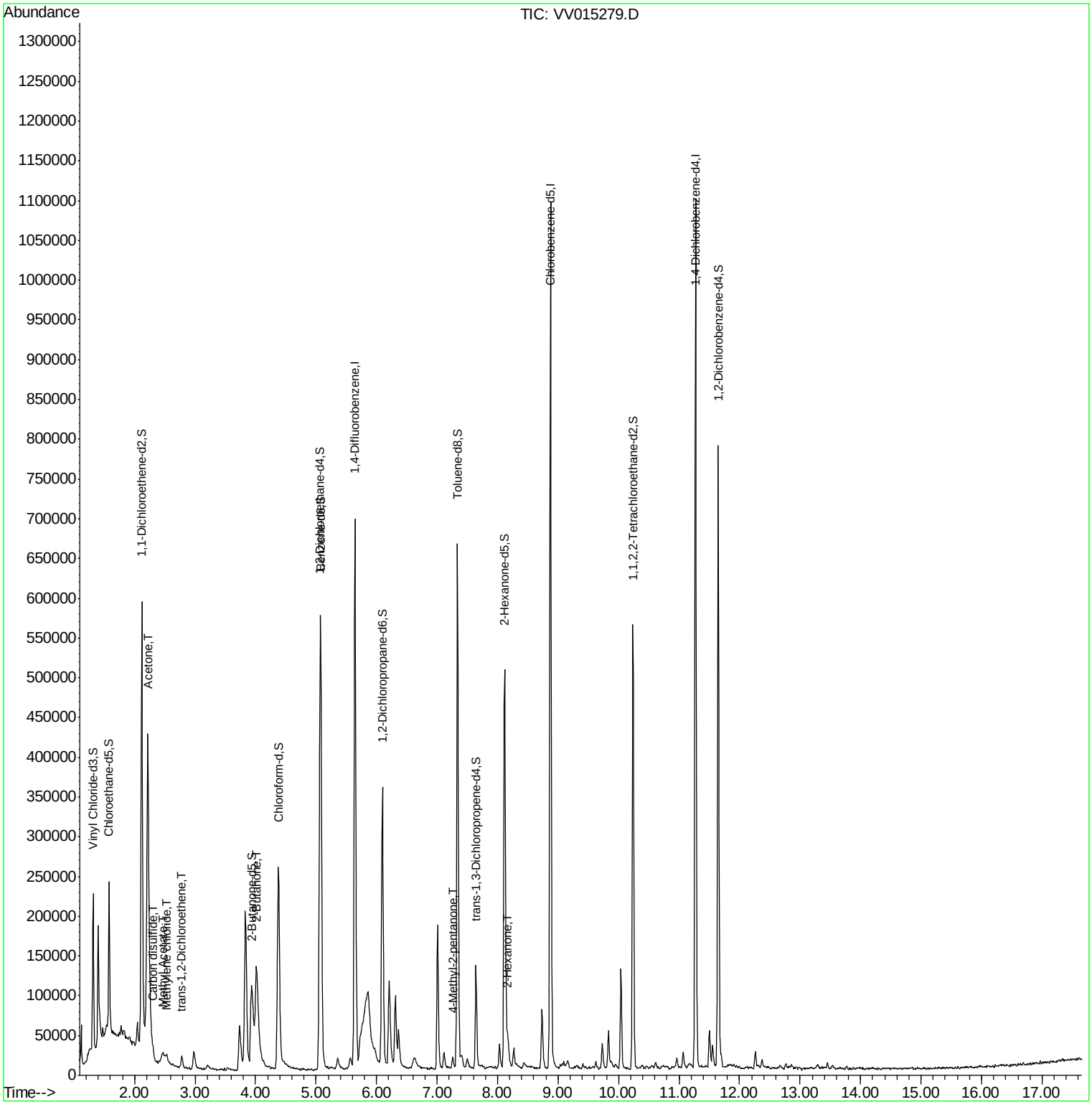

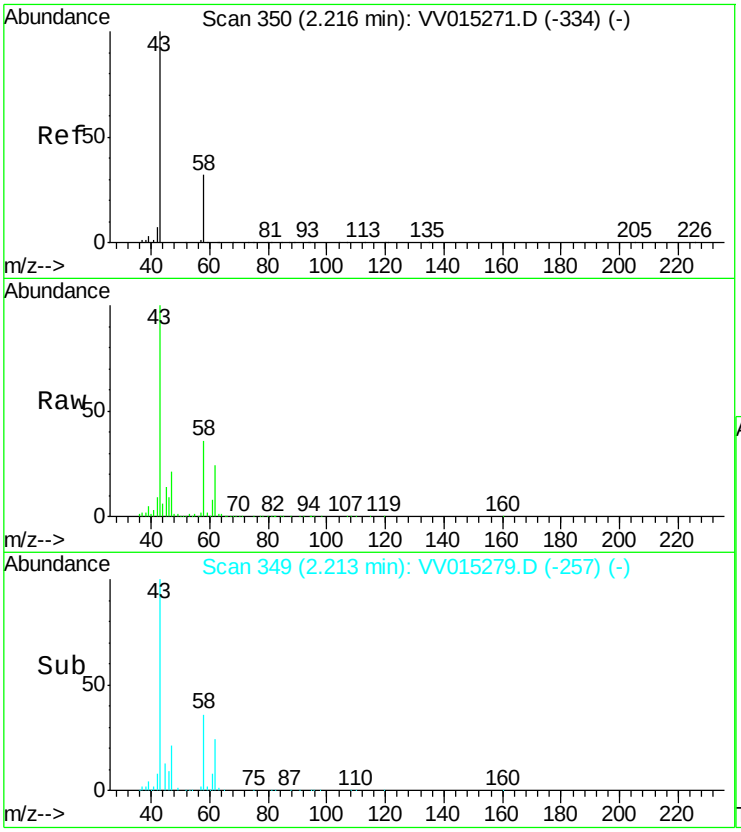

#13
Acetone
Concen: 290.493 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 547344

Ion	Ratio	Lower	Upper
43	100		
58	36.4	0.0	63.6

Instrument :
MSVOA_V
ClientSampleId :
ETTJ4

Manual Integrations APPROVED
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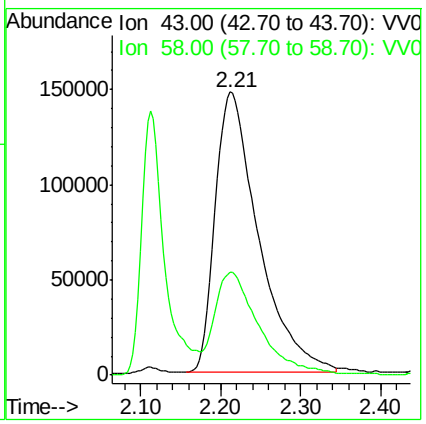
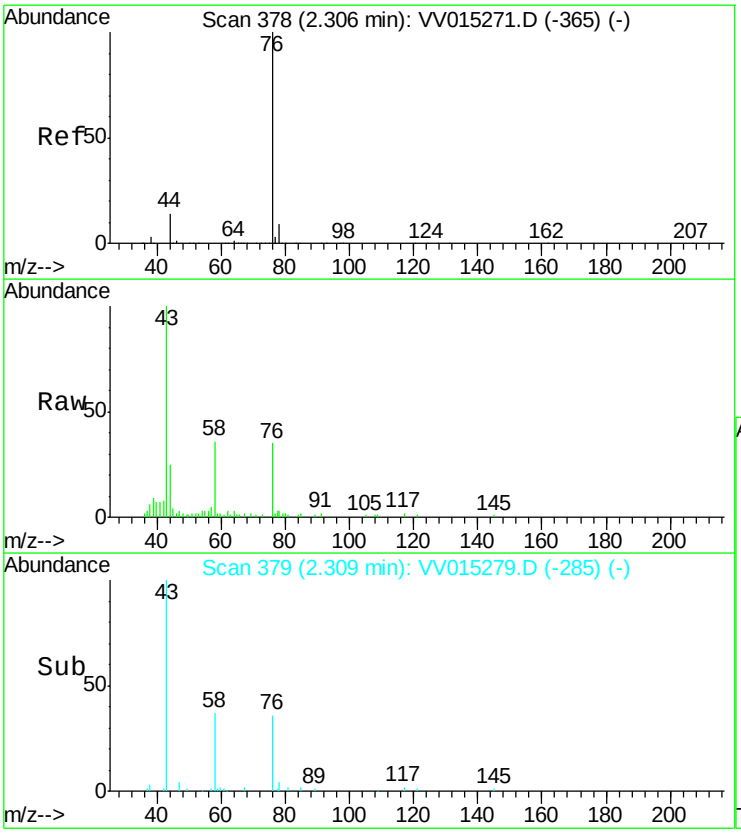
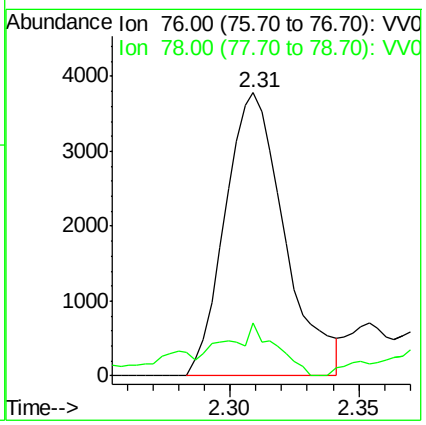


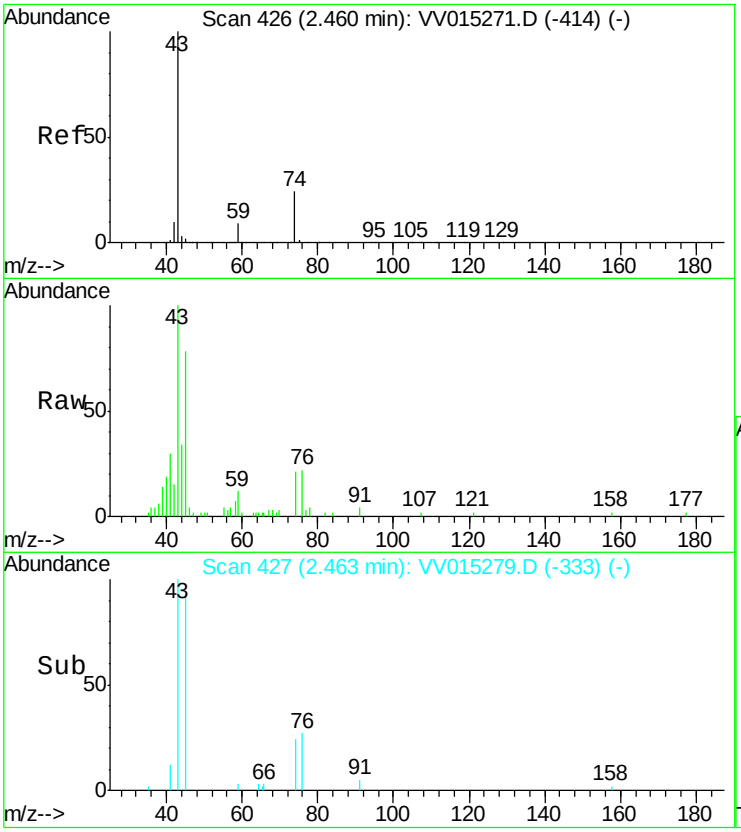


#14
Carbon disulfide
Concen: 0.584 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 76 Resp: 6084

Ion	Ratio	Lower	Upper
76	100		
78	18.8	7.4	11.0#





#15
Methyl Acetate
Concen: 3.400 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 12865

Ion	Ratio	Lower	Upper
43	100		
74	21.2	20.3	30.5

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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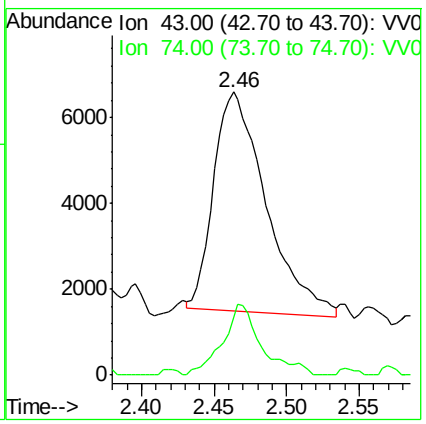
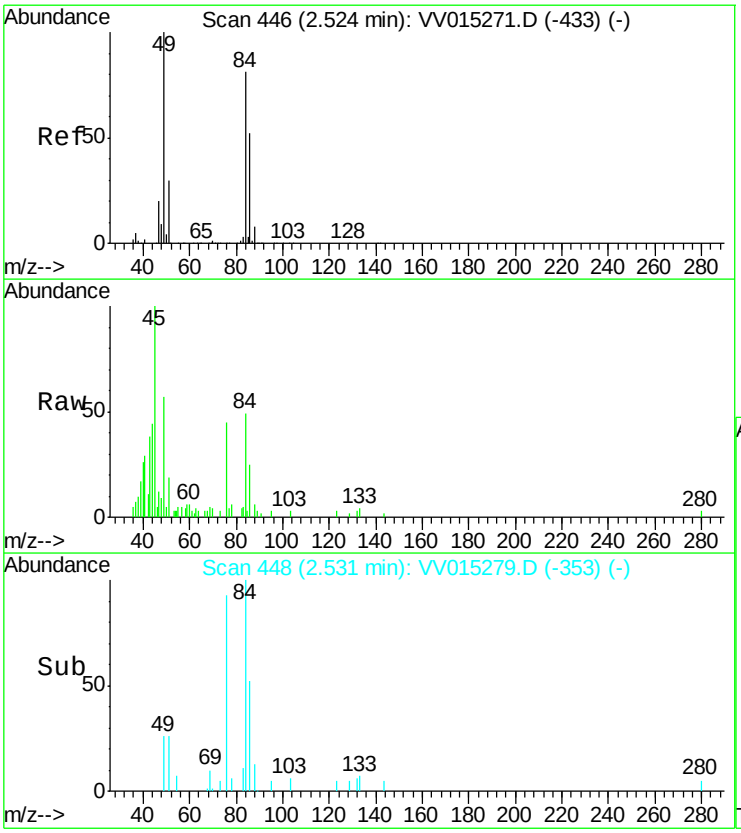
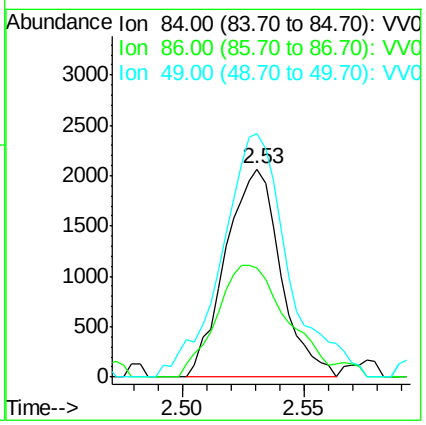


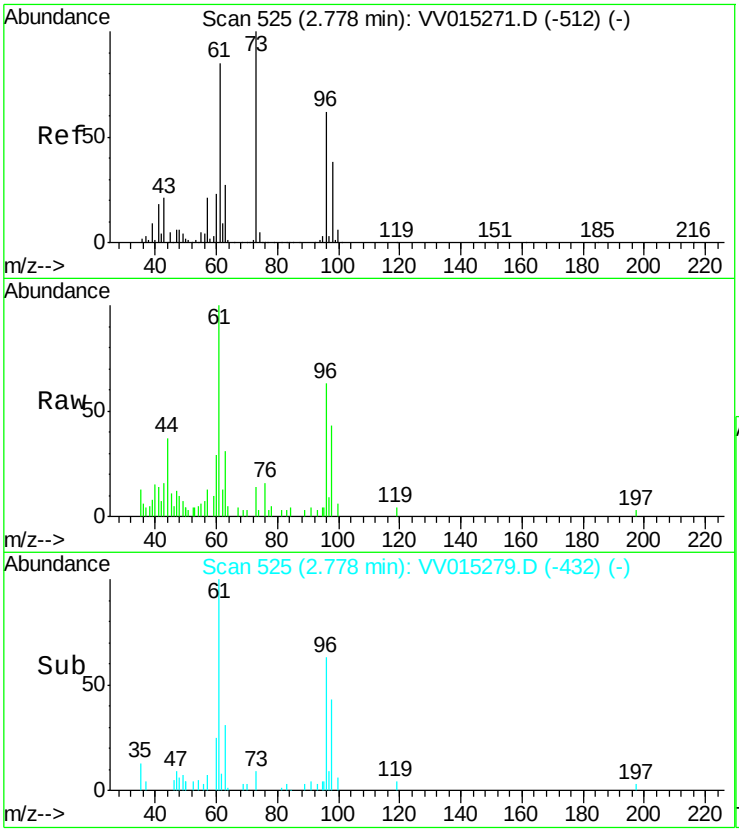


#16
Methylene chloride
Concen: 0.805 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 84 Resp: 3226

Ion	Ratio	Lower	Upper
84	100		
86	52.2	45.5	84.5
49	117.0	83.7	155.4

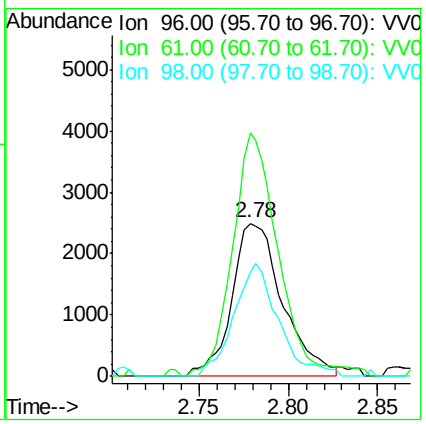




#17
trans-1,2-Dichloroethene
Concen: 1.383 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 96 Resp: 4965

Ion	Ratio	Lower	Upper
96	100		
61	159.3	98.5	182.9
98	67.9	45.5	84.5



Instrument :
MSVOA_V
ClientSampleId :
ETTJ4

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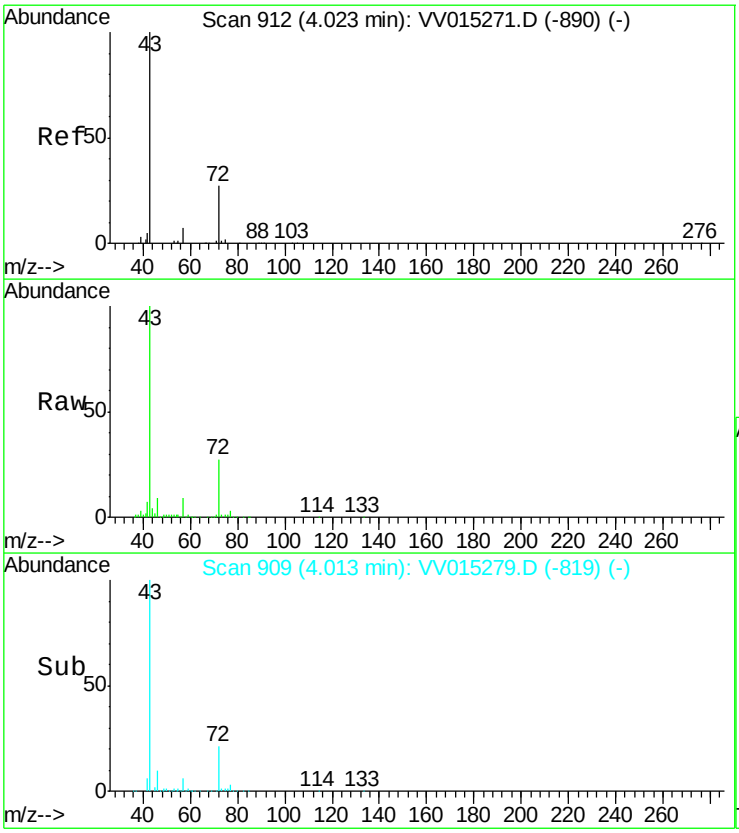
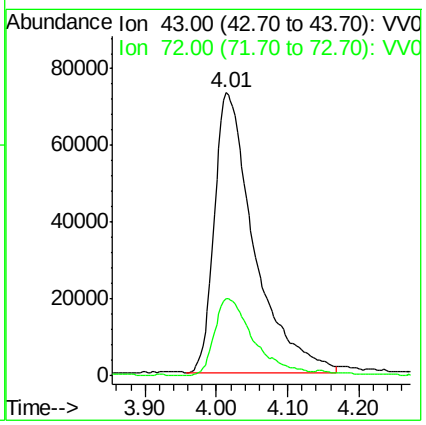
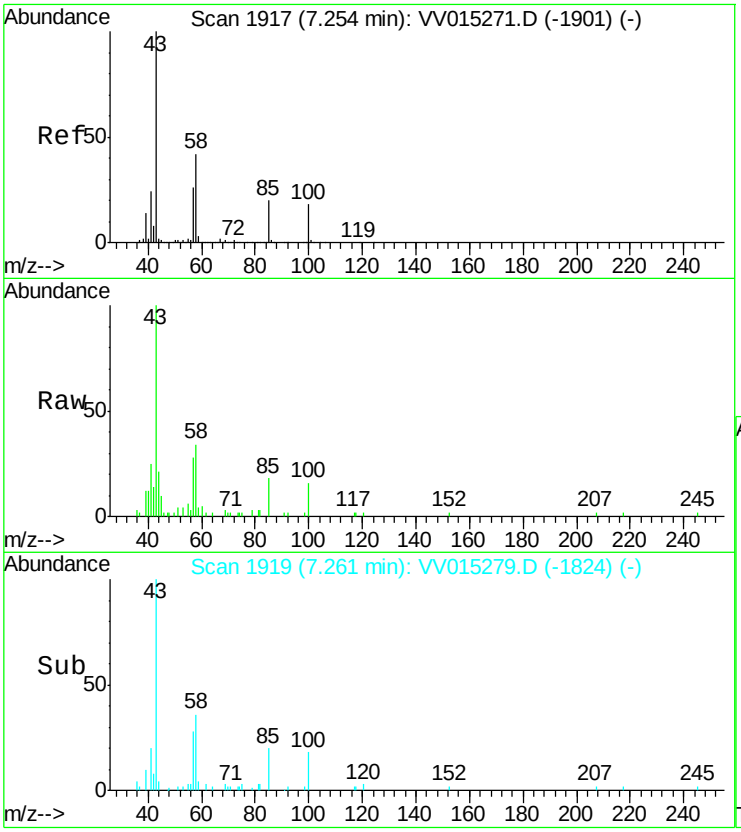


#22
2-Butanone
Concen: 103.066 ug/L
RT: 4.01 min Scan# 909
Delta R.T. -0.01 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 283088

Ion	Ratio	Lower	Upper
43	100		
72	24.2	12.4	37.0

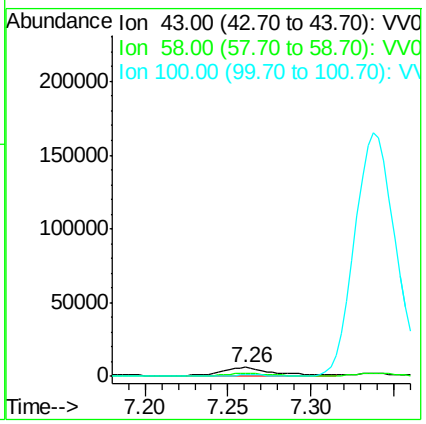




#40
4-Methyl-2-pentanone
Concen: 1.756 ug/L
RT: 7.26 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 9838

Ion	Ratio	Lower	Upper
43	100		
58	42.4	32.9	49.3
100	11.3	13.9	20.9#



Instrument :
MSVOA_V
ClientSampleId :
ETTJ4

Manual Integrations APPROVED
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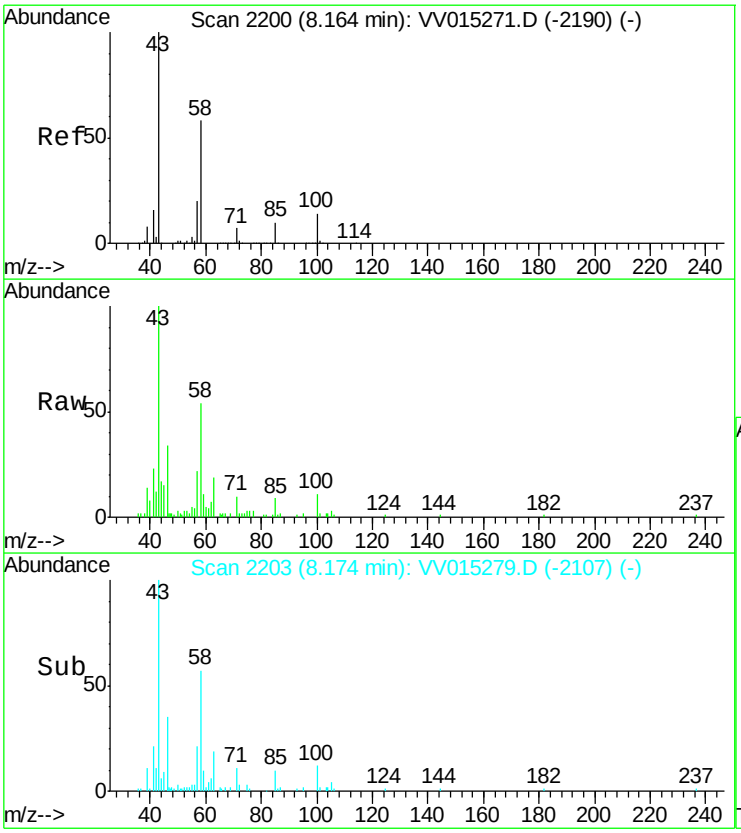
3/31/2020 4:21:05 PM



#48
2-Hexanone
Concen: 4.831 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 20766

Ion	Ratio	Lower	Upper
43	100		
58	52.9	47.0	70.6
57	21.4	16.2	24.2
100	6.0	11.0	16.6#