Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
Data File : VW016345.D
Acq On : 24 Aug 2020 21:02
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK02

Quant Time: Aug 25 05:32:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 25 05:29:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290563	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123632	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	56556	18.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.92%			
7) Chloroethane-d5	2.89	69	44379	18.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.40%			
10) 1,1-Dichloroethene-d2	4.02	63	104511	14.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.72%			
20) 2-Butanone-d5	7.08	46	38988	44.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.38%			
24) Chloroform-d	7.65	84	155533	20.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.12%			
26) 1,2-Dichloroethane-d4	8.31	65	82998	21.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.04%			
29) Benzene-d6	8.28	84	313509	20.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.64%			
33) 1,2-Dichloropropane-d6	9.27	67	88997	20.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.76%			
37) Toluene-d8	10.32	98	298866	20.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.52%			
38) trans-1,3-Dichloropropene-	10.58	79	40054	19.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.12%			
39) 2-Hexanone-d5	10.93	63	27827	40.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.74%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78017	22.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.24%			
61) 1,2-Dichlorobenzene-d4	13.85	152	107393	22.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	34582	6.438	ug/L	97
36) Methylcyclohexane	9.27	83	24001	3.291	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	10309	2.778	ug/L #	84
47) Tetrachloroethene	10.86	164	3688	1.047	ug/L	88
49) 2-Hexanone	10.93	43	3180	2.212	ug/L #	62
50) Dibromochloromethane	10.87	129	3628	0.951	ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	14096	5.325	ug/L	94

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

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ClientSampleId :
VIBLK02

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Quant Title : VOC Analysis
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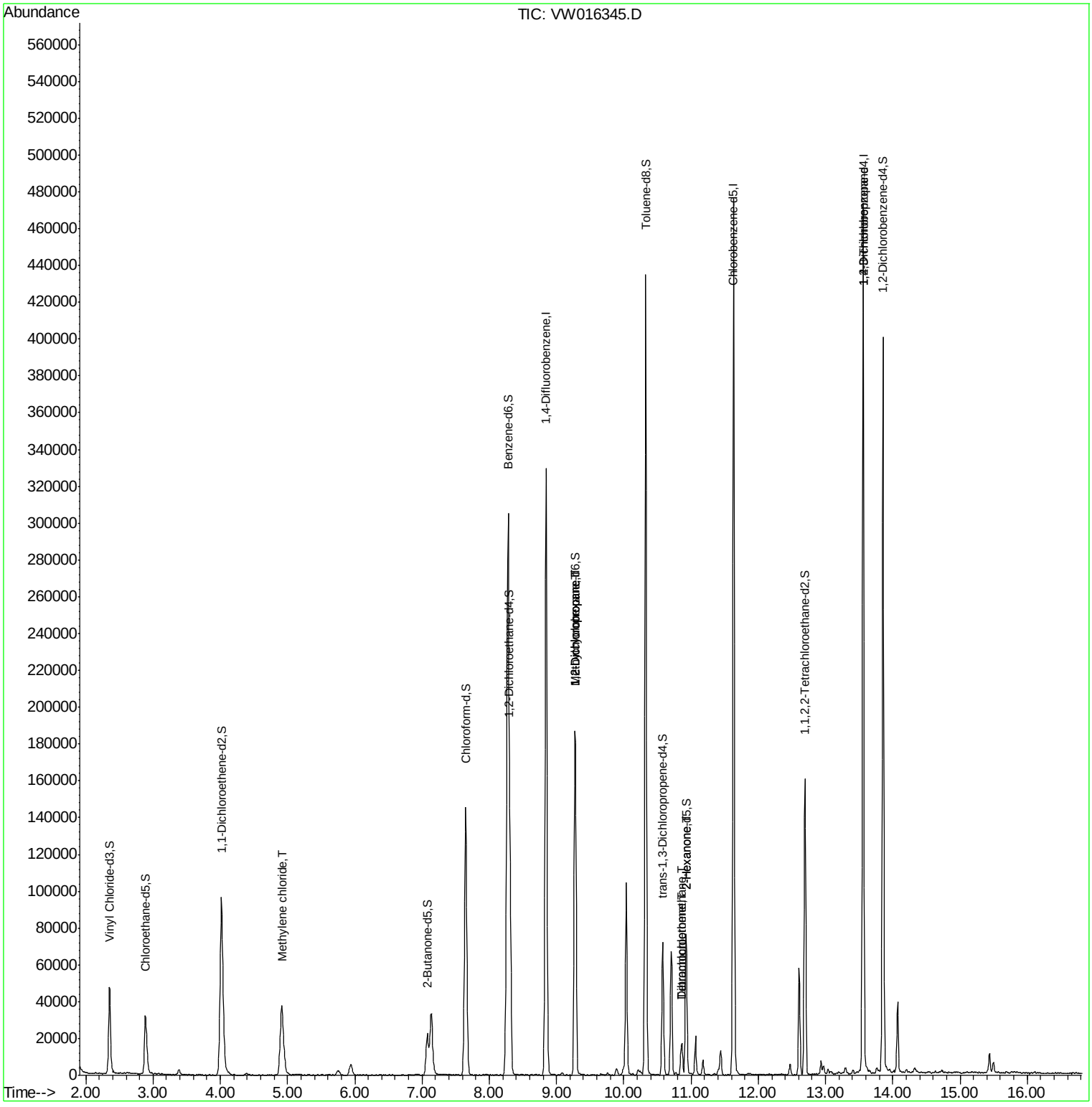
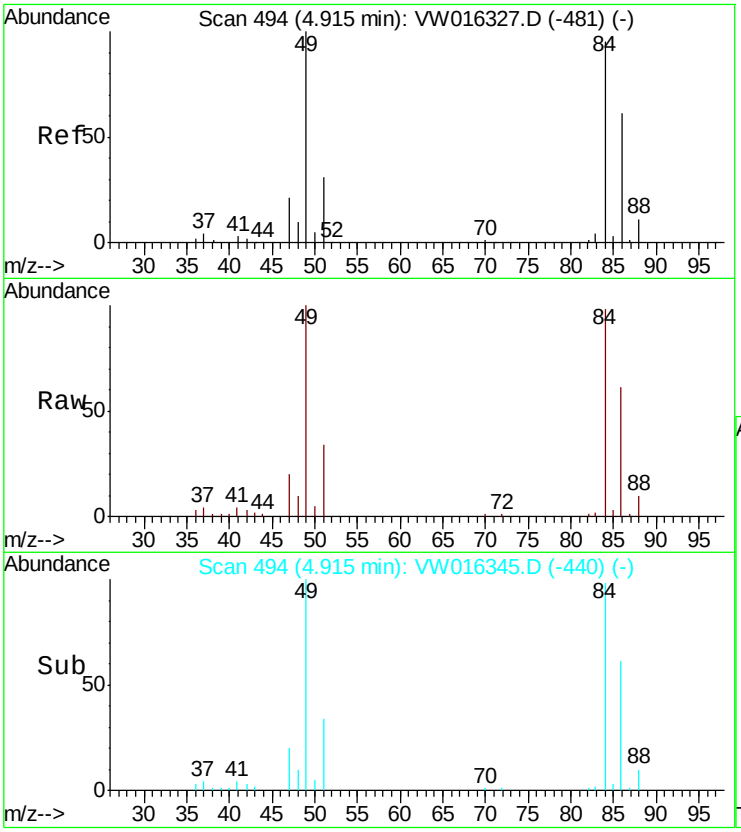


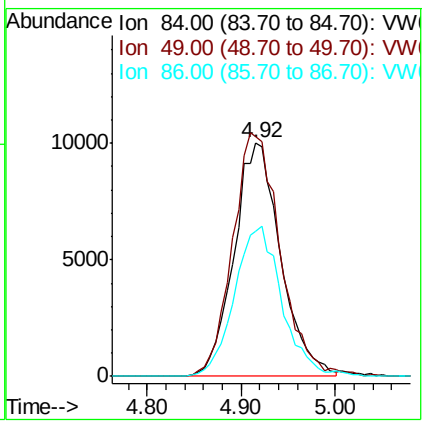


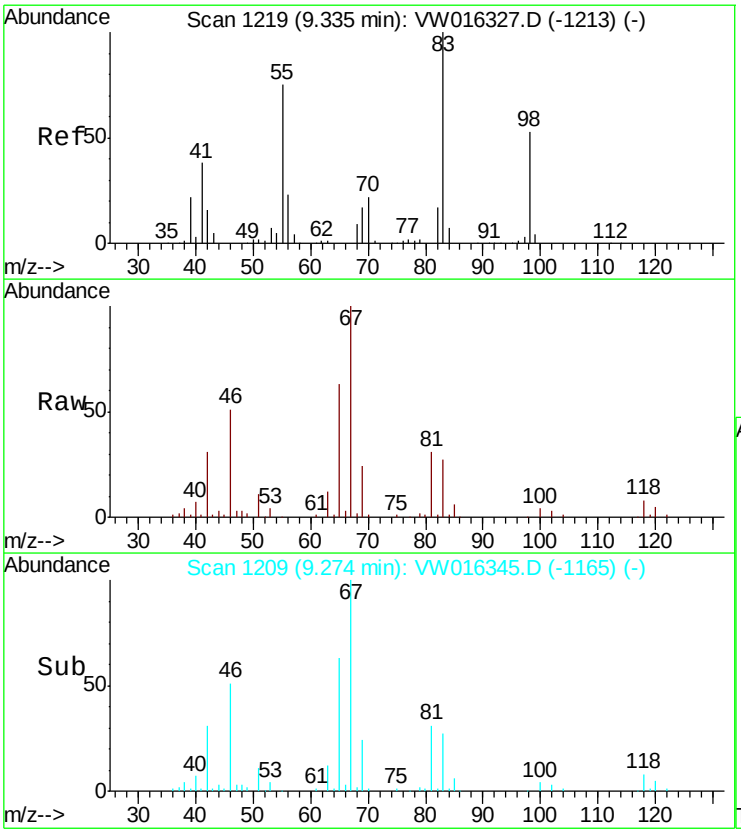
#16
Methylene chloride
Concen: 6.438 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Instrument : MSVOA_W
ClientSampleId : VIBLK02

Tgt Ion: 84 Resp: 34582

Ion	Ratio	Lower	Upper
84	100		
49	102.4	75.3	139.9
86	62.2	43.3	80.3

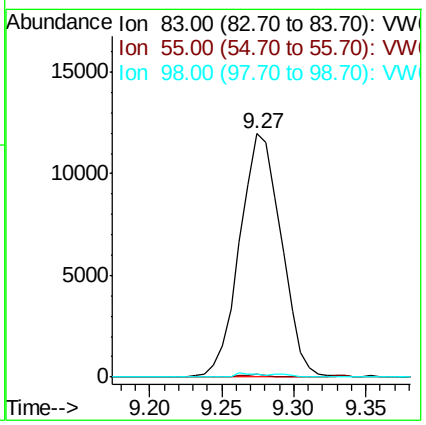


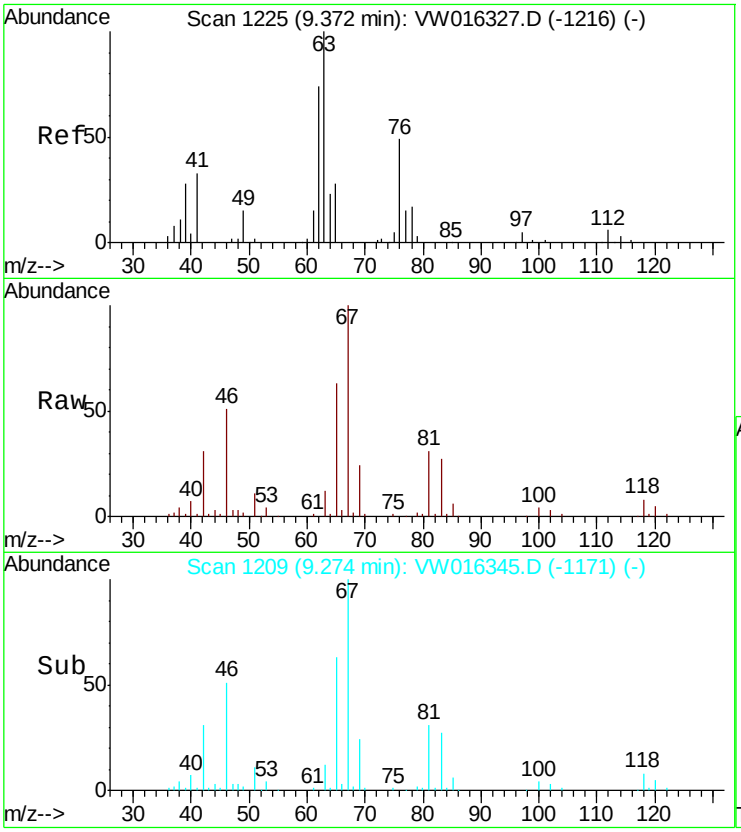


#36
Methylcyclohexane
Concen: 3.291 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Tgt Ion: 83 Resp: 24001

Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.6	83.4#
98	0.6	40.6	61.0#



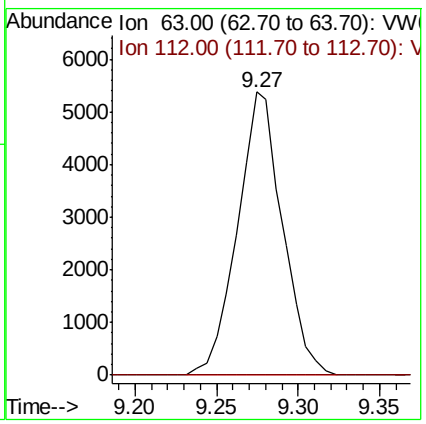


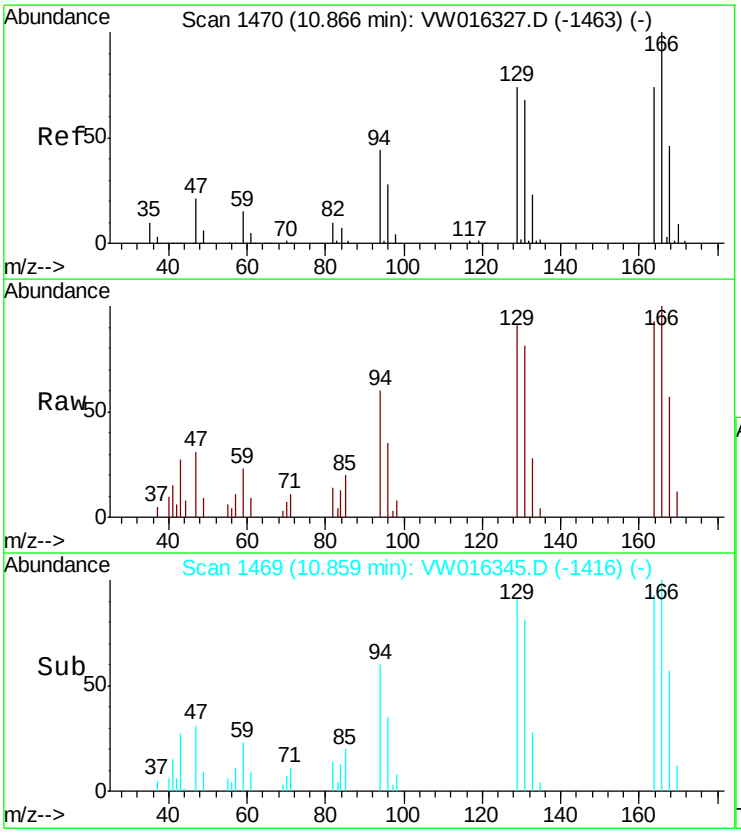
#40
1,2-Dichloropropane
Concen: 2.778 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Instrument :
MSVOA_W
ClientSampleId :
VIBLK02

Tgt Ion: 63 Resp: 10309

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

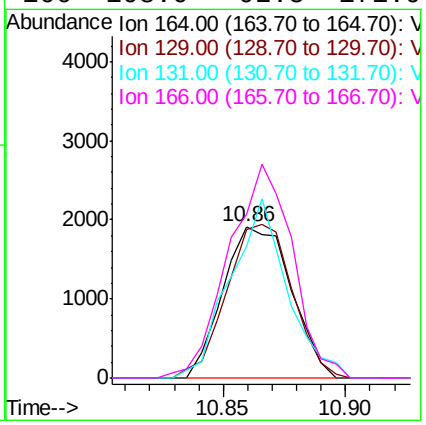


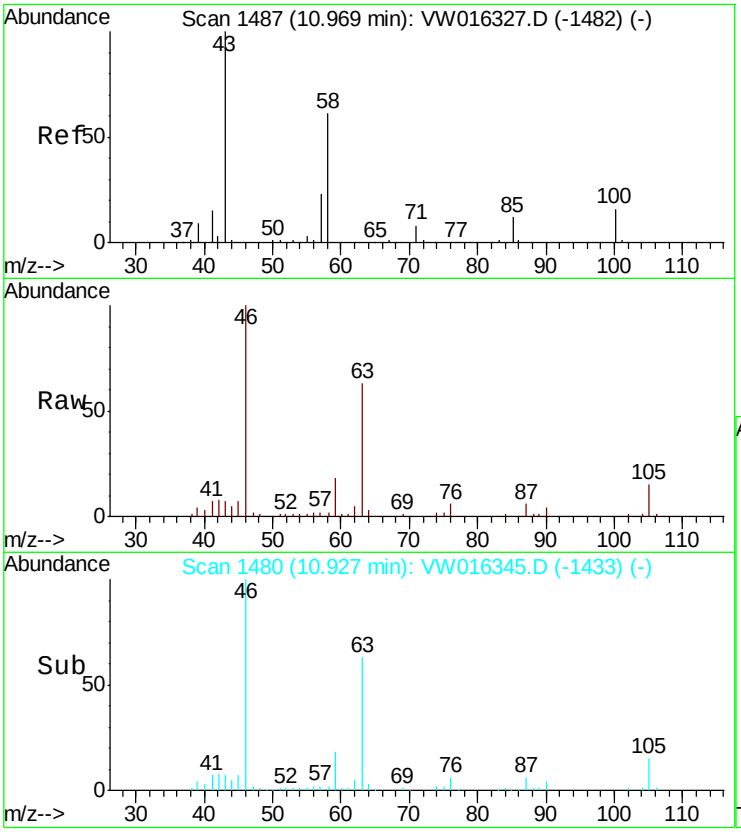


#47
Tetrachloroethene
Concen: 1.047 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Tgt Ion:164 Resp: 3688

Ion	Ratio	Lower	Upper
164	100		
129	98.0	71.5	132.7
131	87.2	67.4	125.2
166	108.0	92.5	171.9



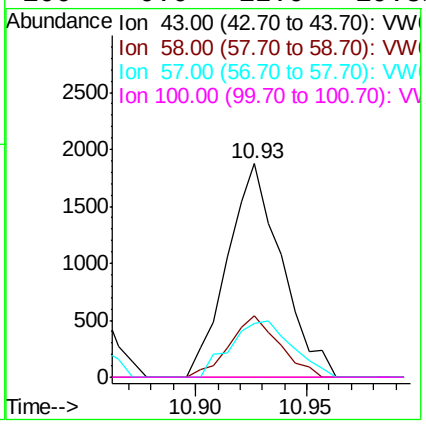


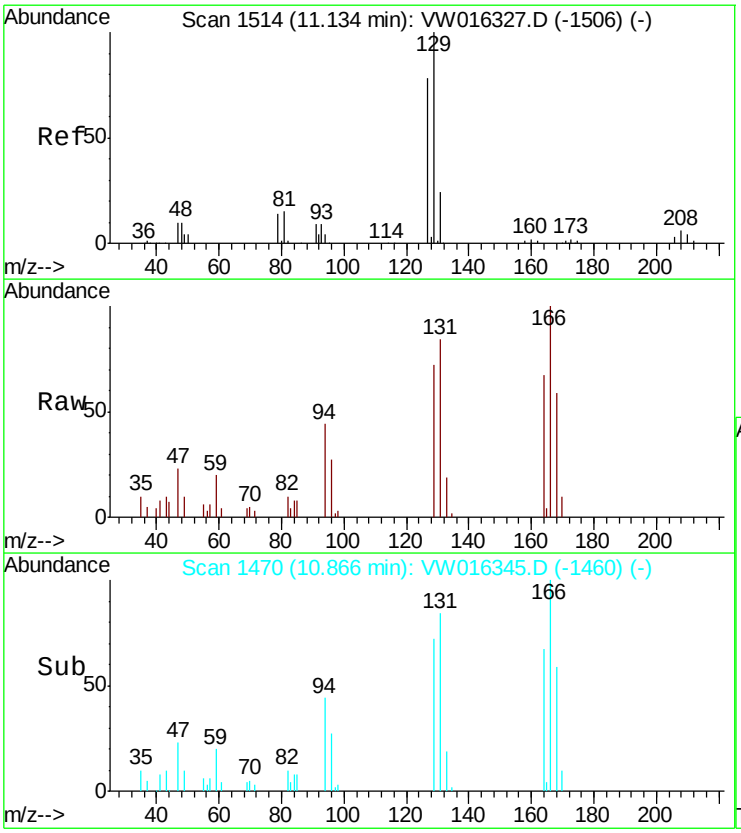
#49
2-Hexanone
Concen: 2.212 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Instrument : MSVOA_W
ClientSampleId : VIBLK02

Tgt Ion: 43 Resp: 3180

Ion	Ratio	Lower	Upper
43	100		
58	26.3	49.5	74.3#
57	30.1	17.7	26.5#
100	0.0	12.9	19.3#

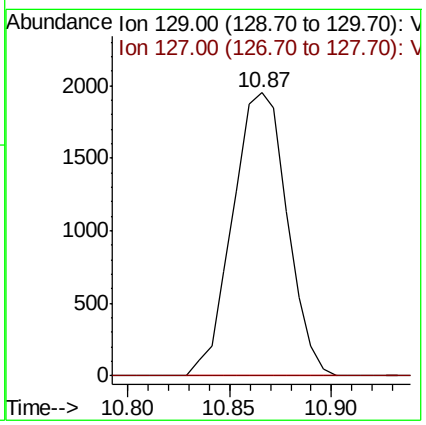


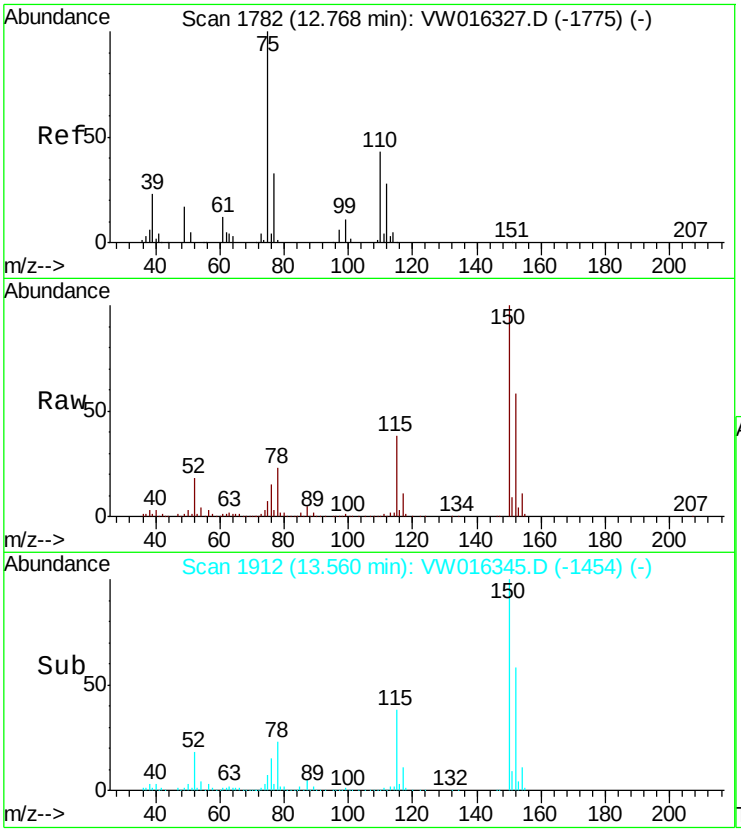


#50
Dibromochloromethane
Concen: 0.951 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Tgt Ion:129 Resp: 3628

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 5.325 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016345.D
Acq: 24 Aug 2020 21:02

Instrument :
MSVOA_W
ClientSampleId :
VIBLK02

Tgt Ion: 75 Resp: 14096

Ion	Ratio	Lower	Upper
75	100		
77	37.5	27.1	40.7