Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032619\
Data File : VW009475.D
Acq On : 26 Mar 2019 20:54
Operator : SY/VA
Sample : K2068-01
Misc : 5.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Mar 27 08:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307491	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45970	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	72629	19.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.08%			
7) Chloroethane-d5	2.89	69	86895	20.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.84%			
10) 1,1-Dichloroethene-d2	4.01	63	112119	14.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.48%			
20) 2-Butanone-d5	7.07	46	79687	52.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.88%			
24) Chloroform-d	7.65	84	198036	23.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	8.41	65	74	0.01	ug/L	0.10
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.04%#			
29) Benzene-d6	8.27	84	326705	27.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.00%			
33) 1,2-Dichloropropane-d6	9.27	67	113952	32.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 128.88%#			
37) Toluene-d8	10.32	98	232476	21.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.40%			
38) trans-1,3-Dichloropropene-	10.58	79	44041	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.16%			
39) 2-Hexanone-d5	10.93	63	54525	63.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.30%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78280	22.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 89.88%			
61) 1,2-Dichlorobenzene-d4	13.85	152	35049	19.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.52%			
Target Compounds						Qvalue
13) Acetone	4.12	43	28797	23.108	ug/L	96
14) Carbon disulfide	4.37	76	4093	0.402	ug/L #	91
16) Methylene chloride	4.92	84	20121	4.487	ug/L	89
21) 2-Butanone	7.17	43	11071	6.434	ug/L	99
30) Cyclohexane	7.95	56	1785	0.368	ug/L #	45
36) Methylcyclohexane	9.33	83	1872	0.347	ug/L #	84
45) trans-1,3-Dichloropropene	10.58	75	2361	0.556	ug/L #	60
54) m,p-Xylene	11.84	106	3591	0.658	ug/L	99
69) Naphthalene	15.36	128	1127	0.303	ug/L #	80

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

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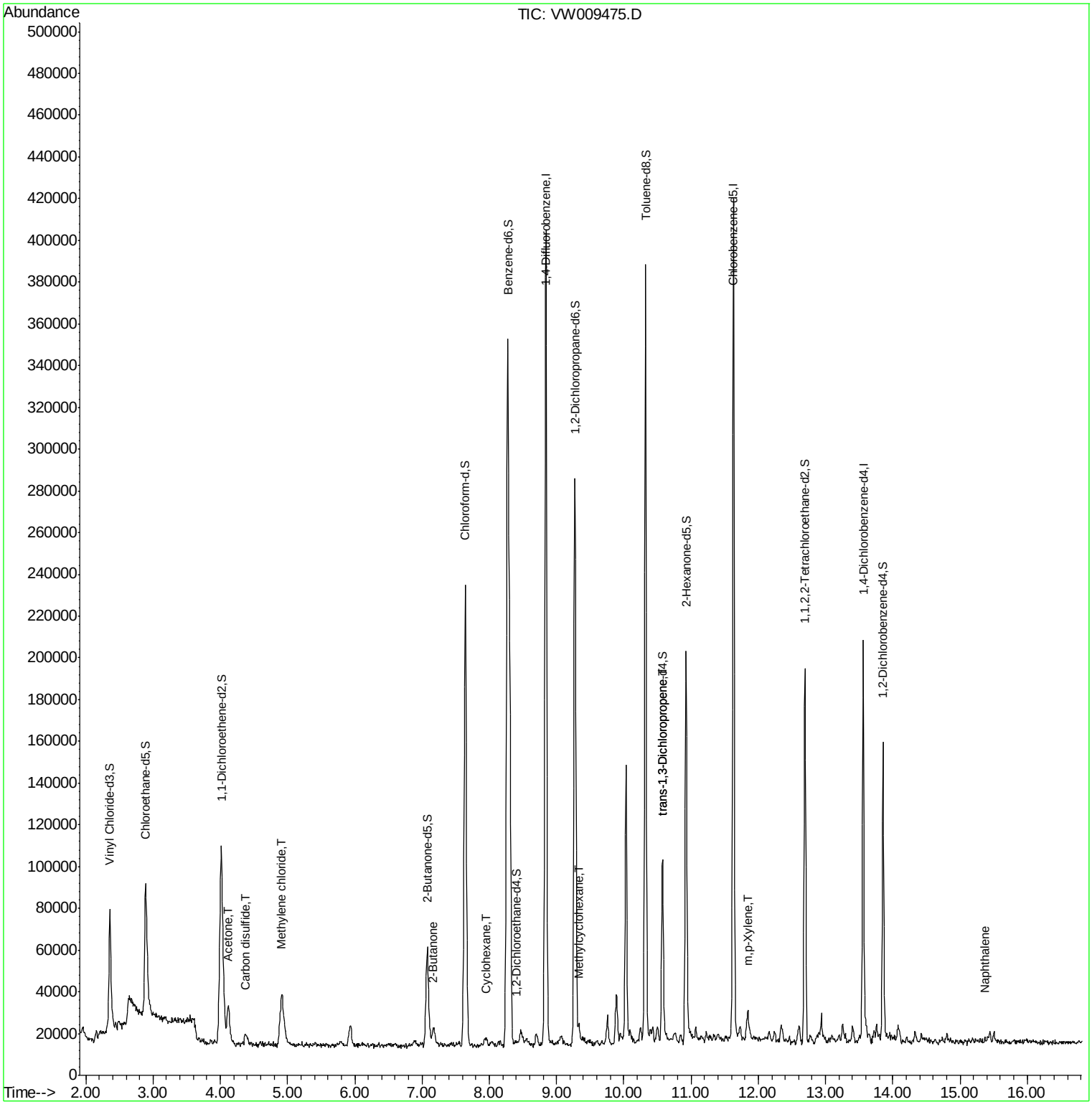
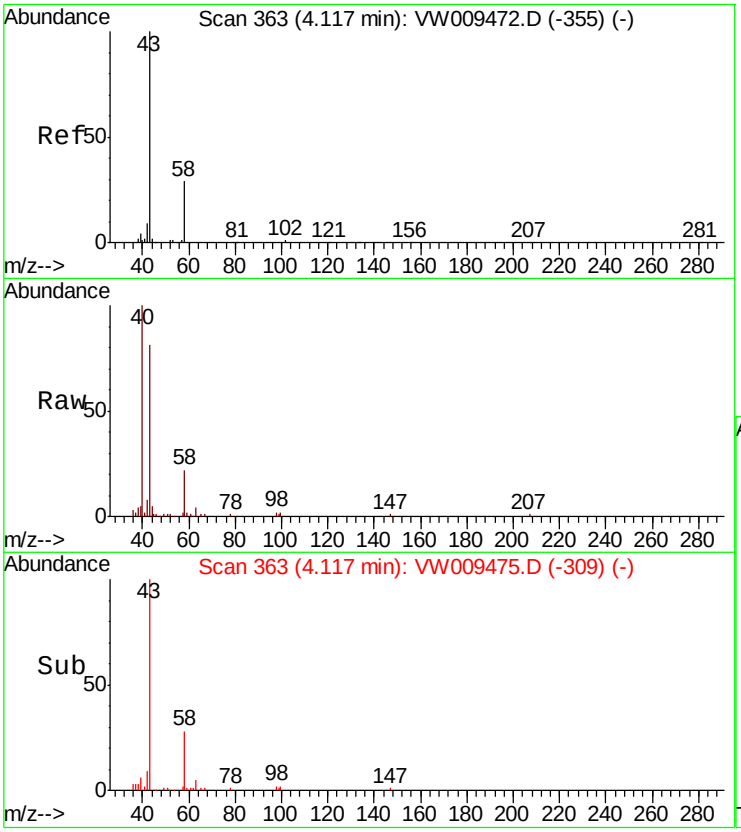
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 27 08:07:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration



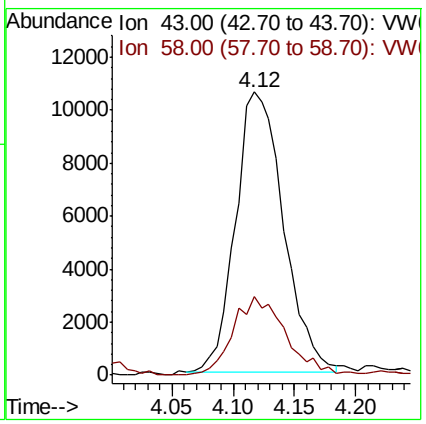


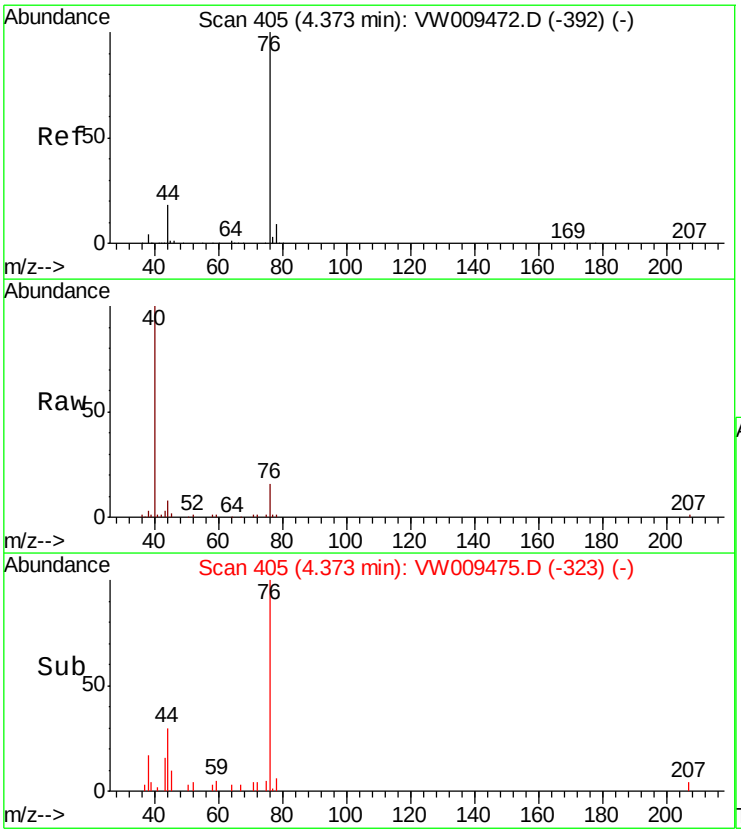
#13
Acetone
Concen: 23.108 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 28797

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	56.2

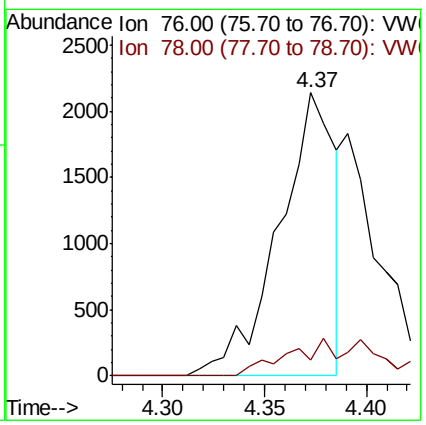


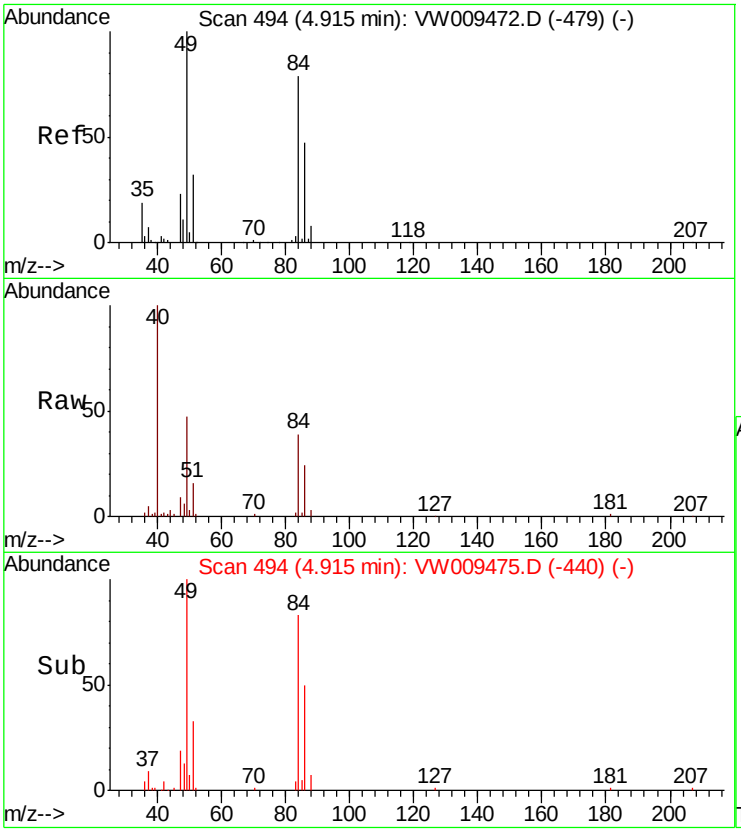


#14
Carbon disulfide
Concen: 0.402 ug/L
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Tgt Ion: 76 Resp: 4093

Ion	Ratio	Lower	Upper
76	100		
78	5.8	7.3	10.9#



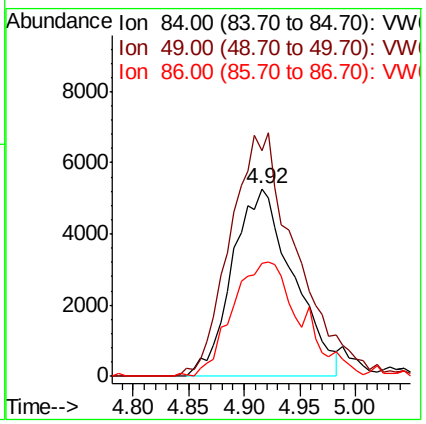


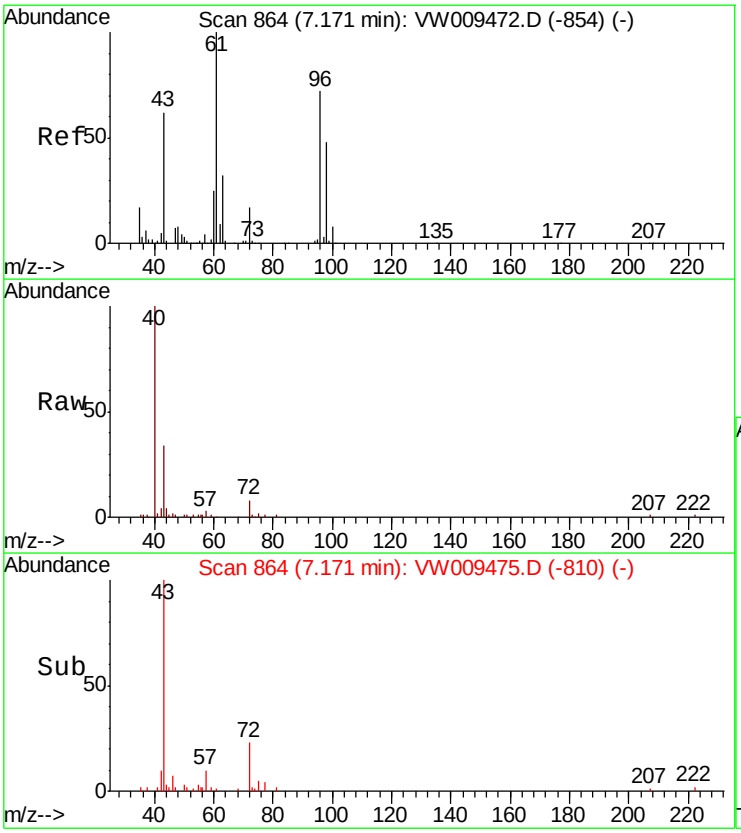
#16
Methylene chloride
Concen: 4.487 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 20121

Ion	Ratio	Lower	Upper
84	100		
49	120.0	96.0	178.2
86	60.3	44.4	82.5

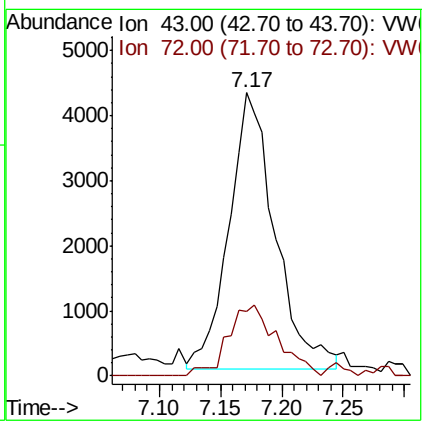


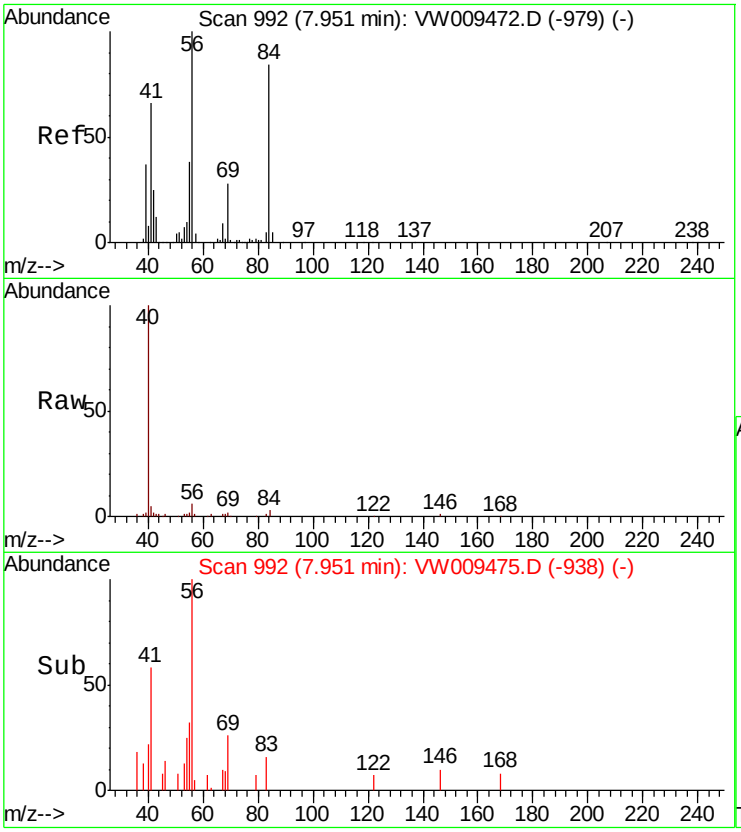


#21
2-Butanone
Concen: 6.434 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Tgt Ion: 43 Resp: 11071

Ion	Ratio	Lower	Upper
43	100		
72	25.8	13.1	39.1



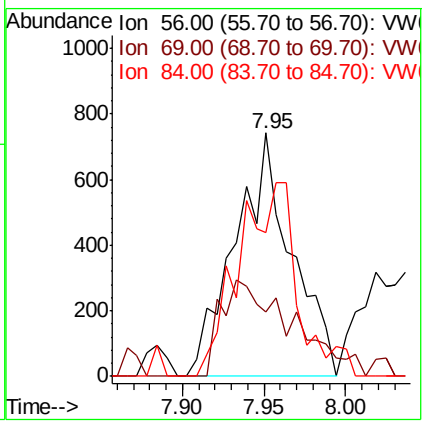


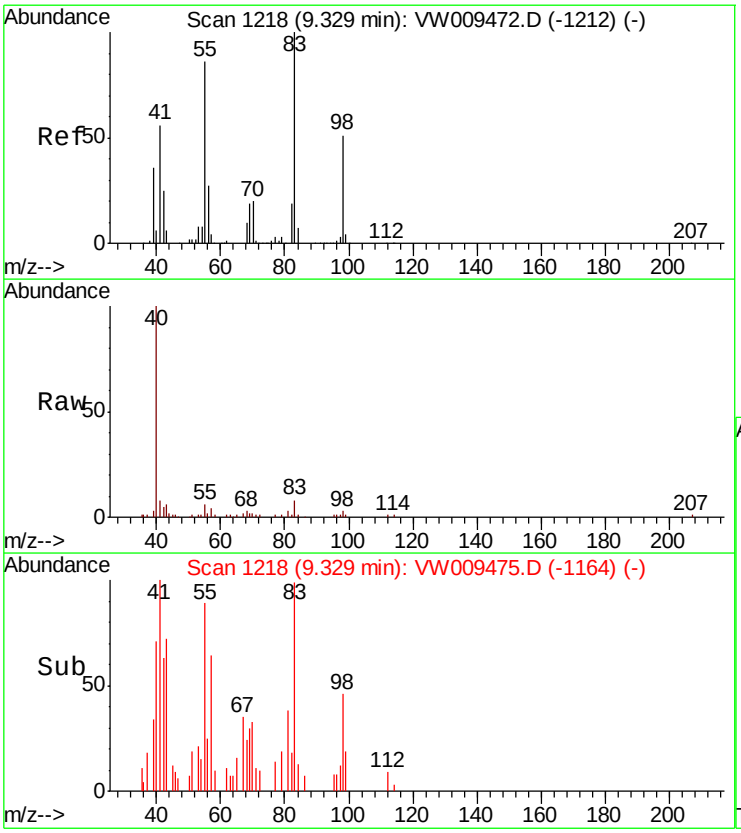
#30
Cyclohexane
Concen: 0.368 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 1785

Ion	Ratio	Lower	Upper
56	100		
69	3.0	24.0	36.0#
84	34.3	69.2	103.8#

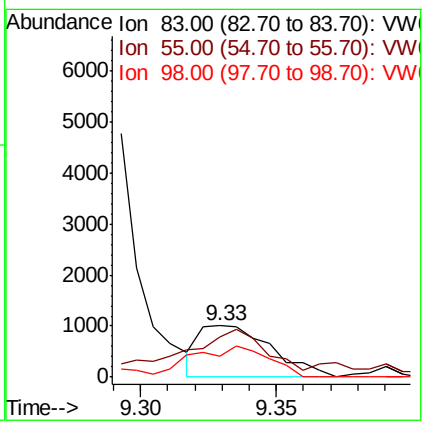


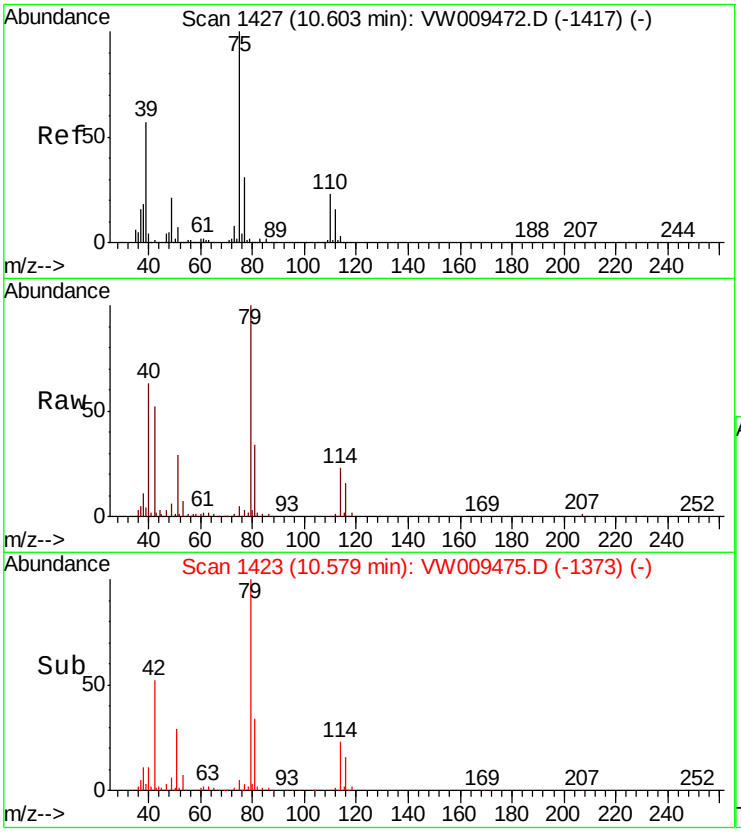


#36
Methylcyclohexane
Concen: 0.347 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Tgt Ion: 83 Resp: 1872

Ion	Ratio	Lower	Upper
83	100		
55	89.3	63.5	95.3
98	33.5	39.8	59.8#



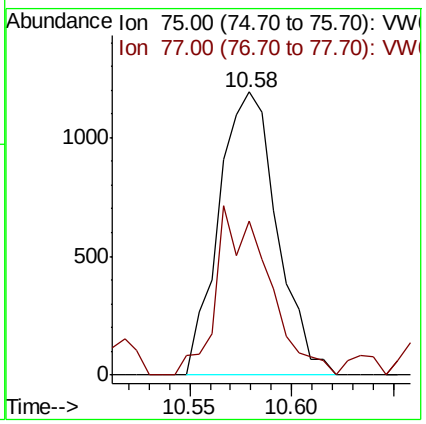


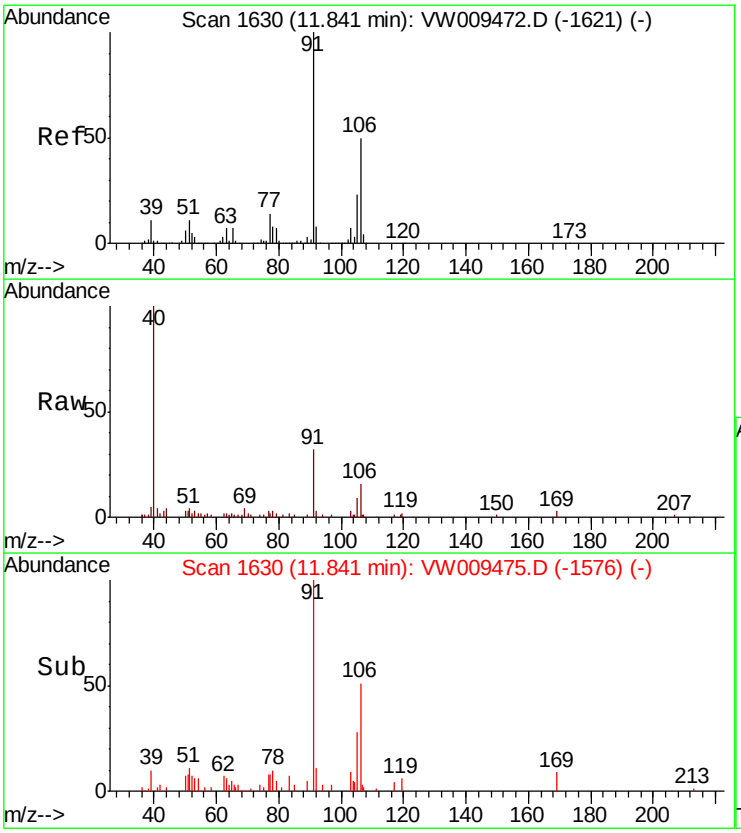
#45
trans-1,3-Dichloropropene
Concen: 0.556 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2361

Ion	Ratio	Lower	Upper
75	100		
77	54.5	22.5	41.7#

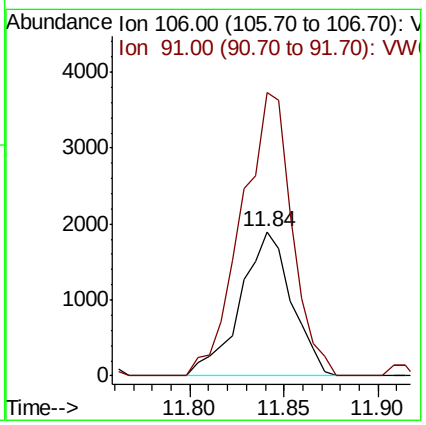


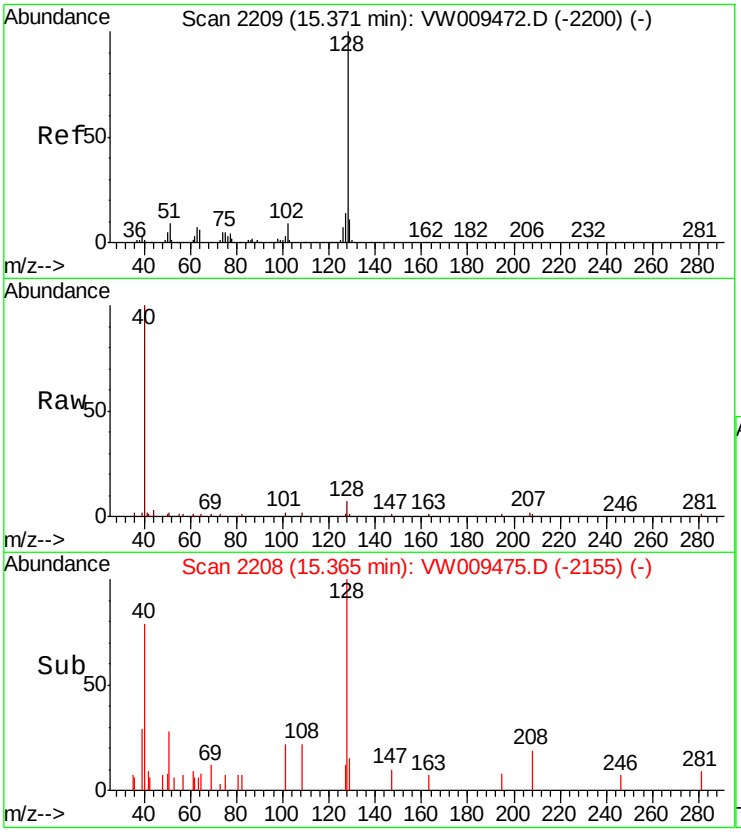


#54
m,p-Xylene
Concen: 0.658 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Tgt Ion:106 Resp: 3591

Ion	Ratio	Lower	Upper
106	100		
91	196.3	138.4	257.0





#69
Naphthalene
Concen: 0.303 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1127

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	28.5	11.1	16.7#