Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007340.D
Acq On : 08 Dec 2018 07:20
Operator : SY/AP
Sample : J6270-09
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E08

Quant Time: Dec 10 05:55:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 10 05:52:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	72757	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	48992	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	12596	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	15488	32.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 130.72%			
7) Chloroethane-d5	2.90	69	11961	29.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.20%			
10) 1,1-Dichloroethene-d2	4.01	63	32449	19.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.40%			
20) 2-Butanone-d5	7.08	46	2840	9.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 19.02%#			
24) Chloroform-d	7.65	84	46051	26.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.32%			
26) 1,2-Dichloroethane-d4	8.31	65	28830	29.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.04%			
29) Benzene-d6	8.27	84	91060	34.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 136.88%#			
33) 1,2-Dichloropropane-d6	9.27	67	26089	34.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 137.44%#			
37) Toluene-d8	10.33	98	73828	29.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 118.36%			
38) trans-1,3-Dichloropropene-	10.58	79	3837	9.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 39.52%			
39) 2-Hexanone-d5	10.93	63	1444	7.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 15.80%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	15247	22.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.16%			
61) 1,2-Dichlorobenzene-d4	13.86	152	11046	24.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.72%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.01	96	249	0.291	ug/L #	1
13) Acetone	4.13	43	2414	6.950	ug/L	83
15) Methyl Acetate	4.67	43	2186	4.197	ug/L #	96
16) Methylene chloride	4.91	84	2344	1.994	ug/L	90
21) 2-Butanone	7.14	43	349	0.935	ug/L #	45
27) 1,2-Dichloroethane	8.27	62	399	0.330	ug/L #	76
34) Benzene	8.28	78	760	0.271	ug/L	100
35) Trichloroethene	8.85	95	2370	2.943	ug/L #	4
36) Methylcyclohexane	9.27	83	6917	4.976	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	3227	4.698	ug/L #	86
49) 2-Hexanone	10.96	43	1651	4.321	ug/L #	36
57) Isopropylbenzene	12.47	105	1401	0.411	ug/L #	1

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

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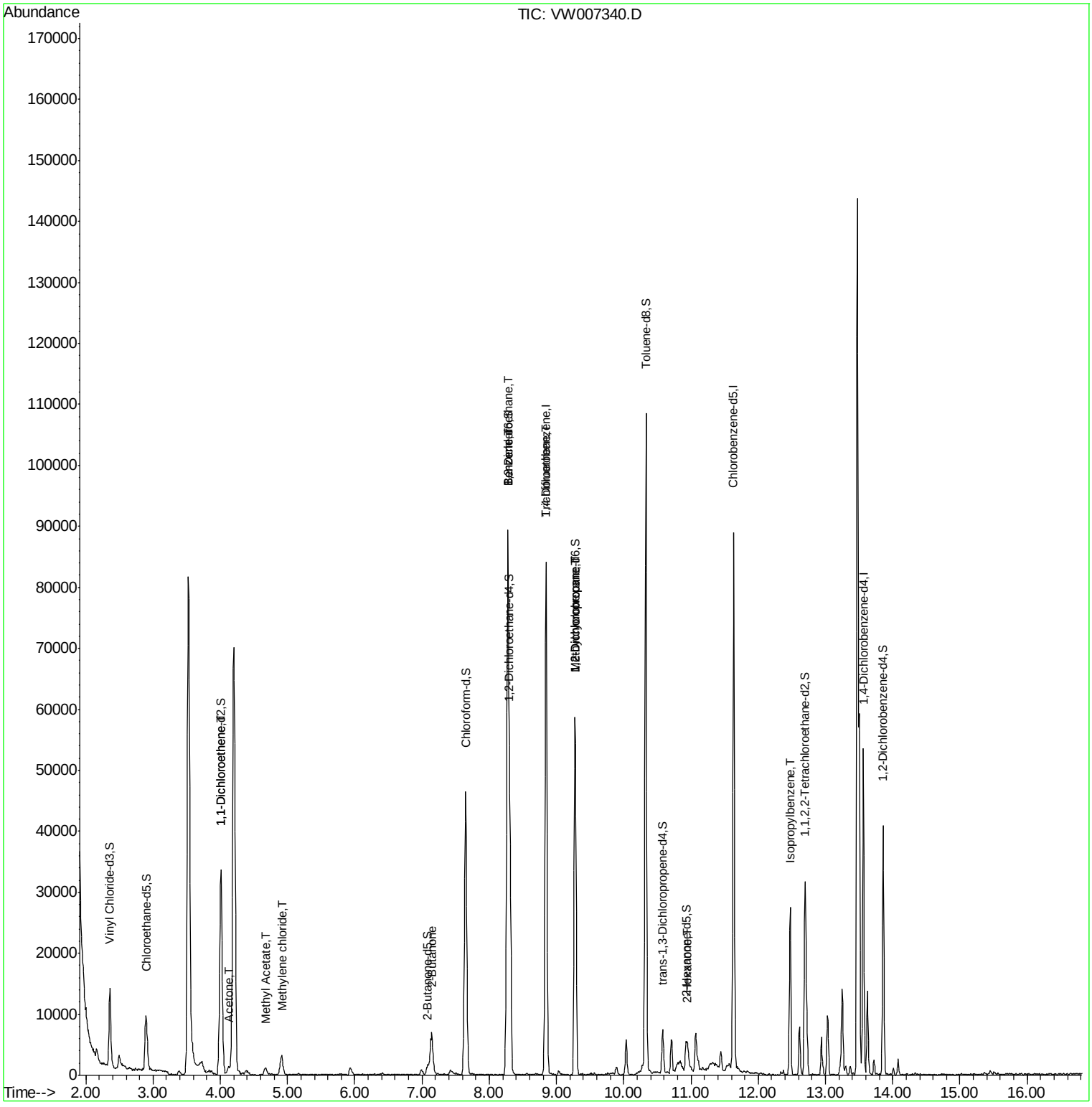
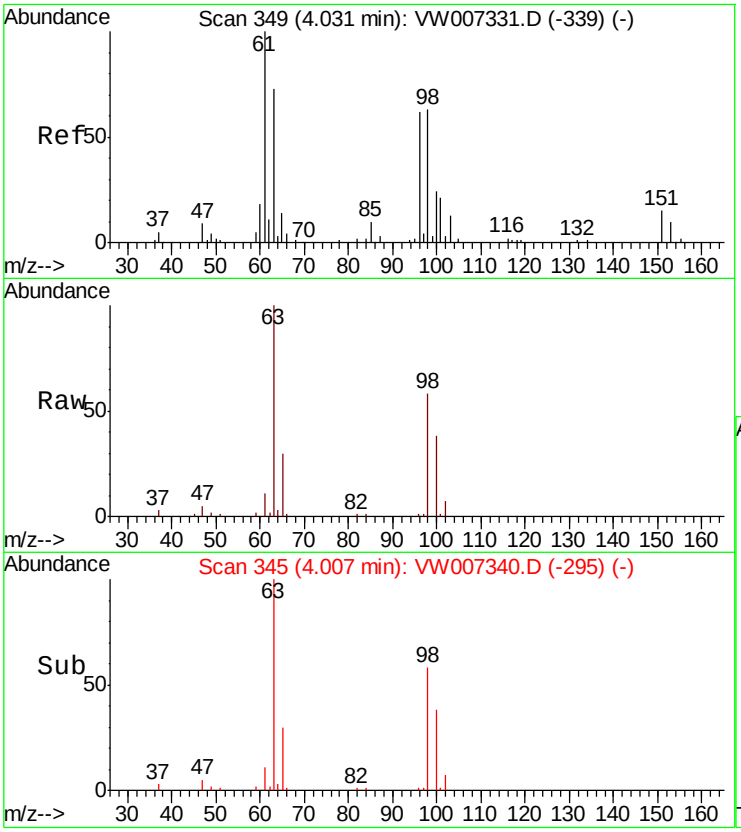
Acq On : 08 Dec 2018 07:20
Operator : SY/AP
Sample : J6270-09
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E08

Quant Time: Dec 10 05:55:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 10 05:52:22 2018
Response via : Initial Calibration



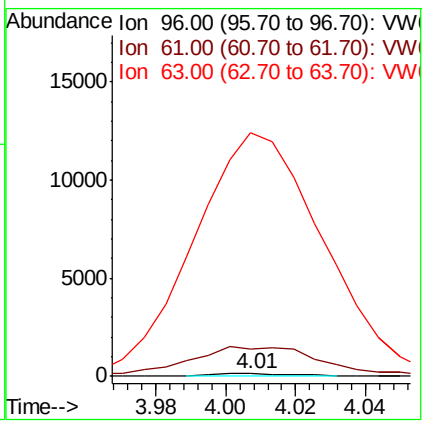


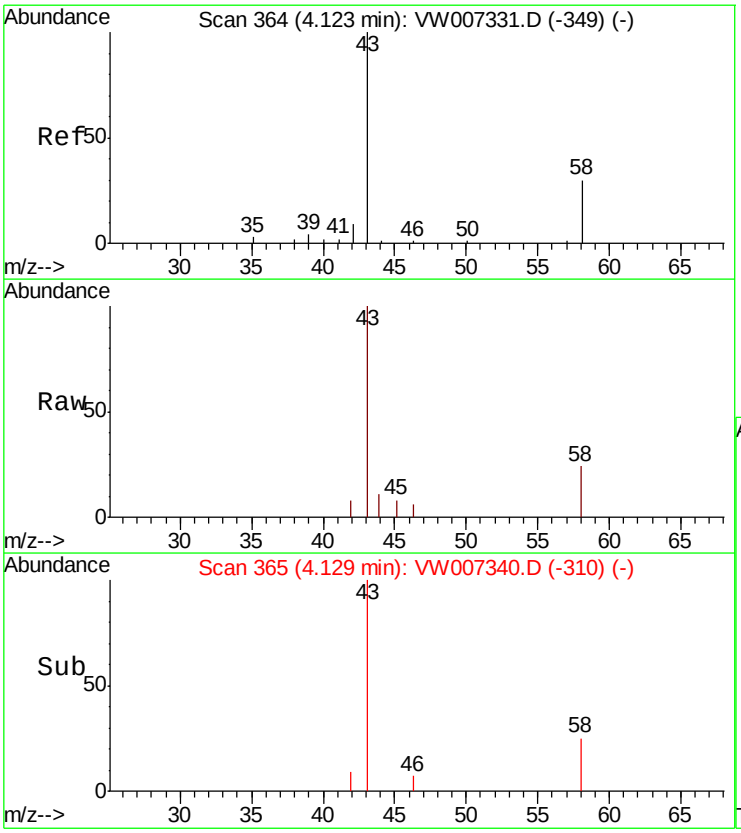
#12
1,1-Dichloroethene
Concen: 0.291 ug/L
RT: 4.01 min Scan# 345
Delta R.T. -0.02 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Instrument :
MSVOA_W
ClientSampleId :
F9E08

Tgt Ion: 96 Resp: 249

Ion	Ratio	Lower	Upper
96	100		
61	940.9	117.2	217.8#
63	8322.8	89.7	166.7#

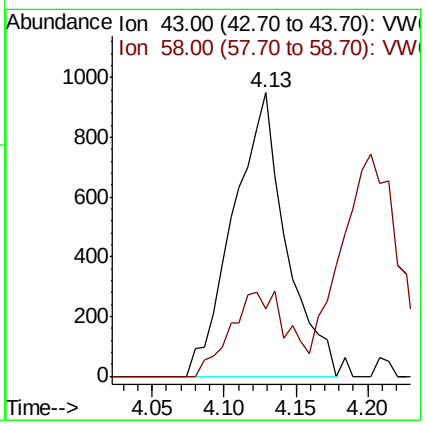


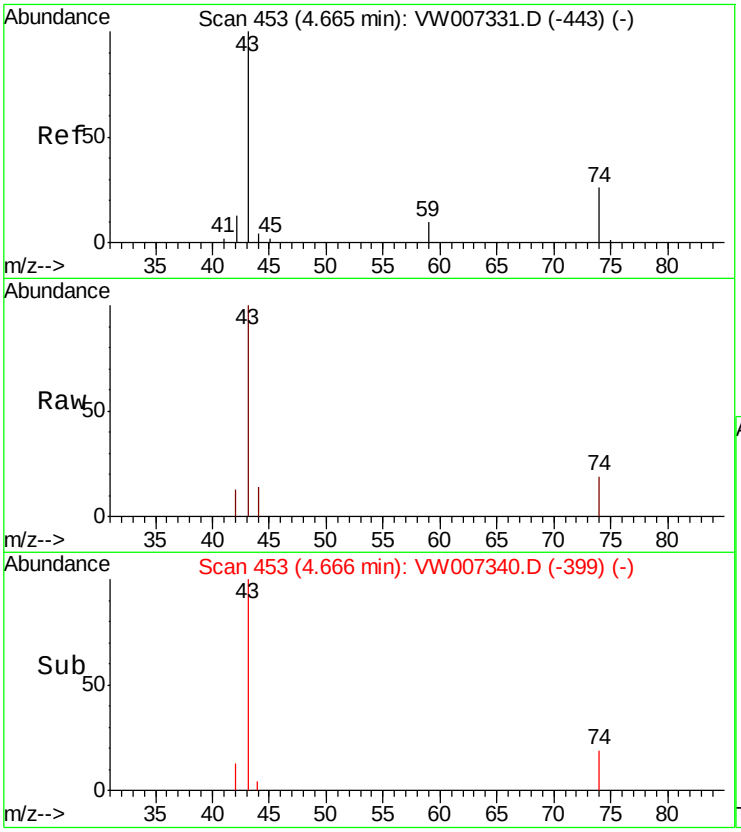


#13
Acetone
Concen: 6.950 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Tgt Ion: 43 Resp: 2414

Ion	Ratio	Lower	Upper
43	100		
58	20.4	0.0	59.2



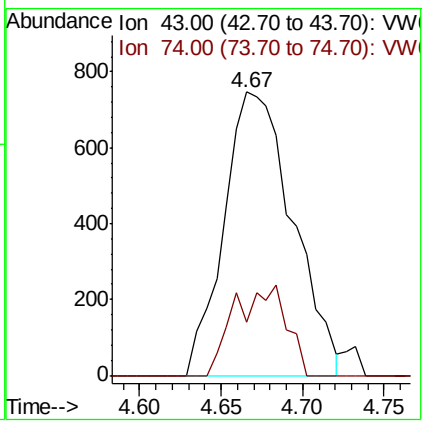


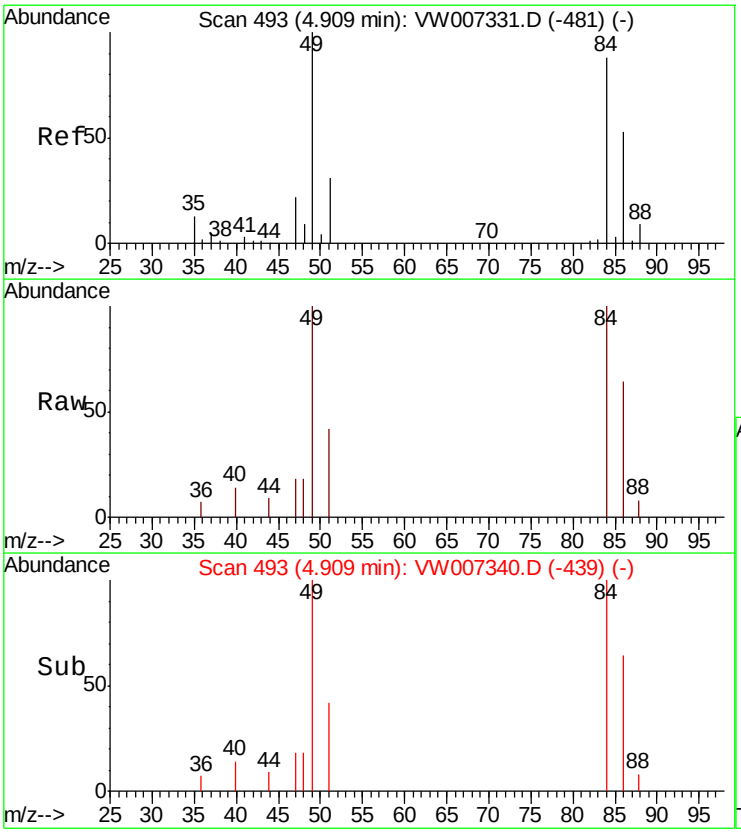
#15
Methyl Acetate
Concen: 4.197 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Instrument :
MSVOA_W
ClientSampleId :
F9E08

Tgt Ion: 43 Resp: 2186

Ion	Ratio	Lower	Upper
43	100		
74	9.1	0.1	0.1#

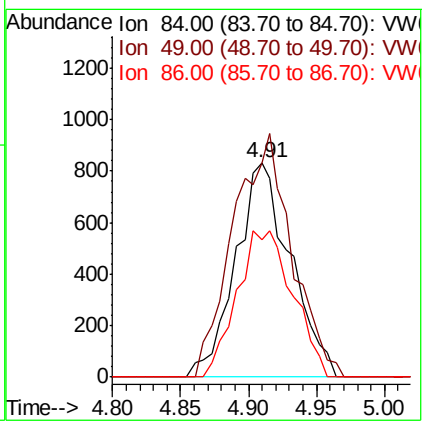


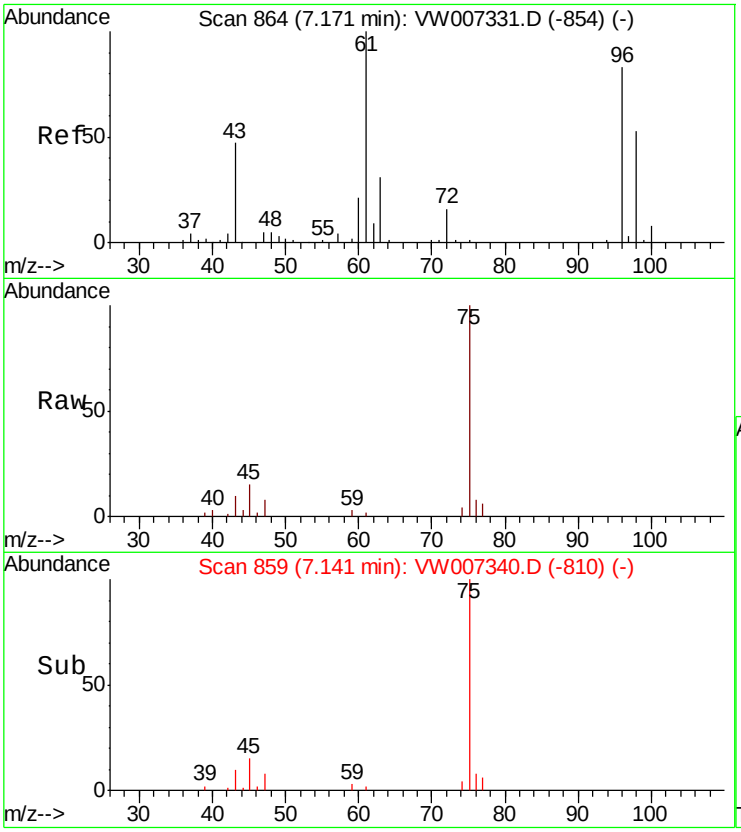


#16
Methylene chloride
Concen: 1.994 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Tgt Ion: 84 Resp: 2344

Ion	Ratio	Lower	Upper
84	100		
49	100.0	80.8	150.2
86	63.9	45.8	85.2



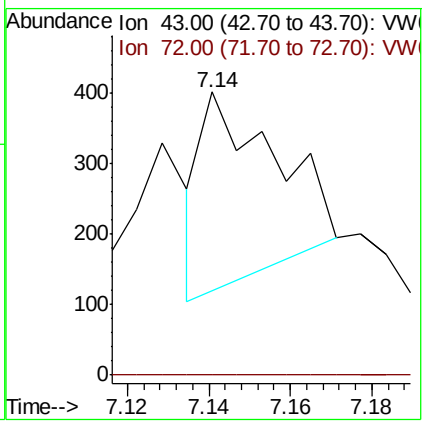


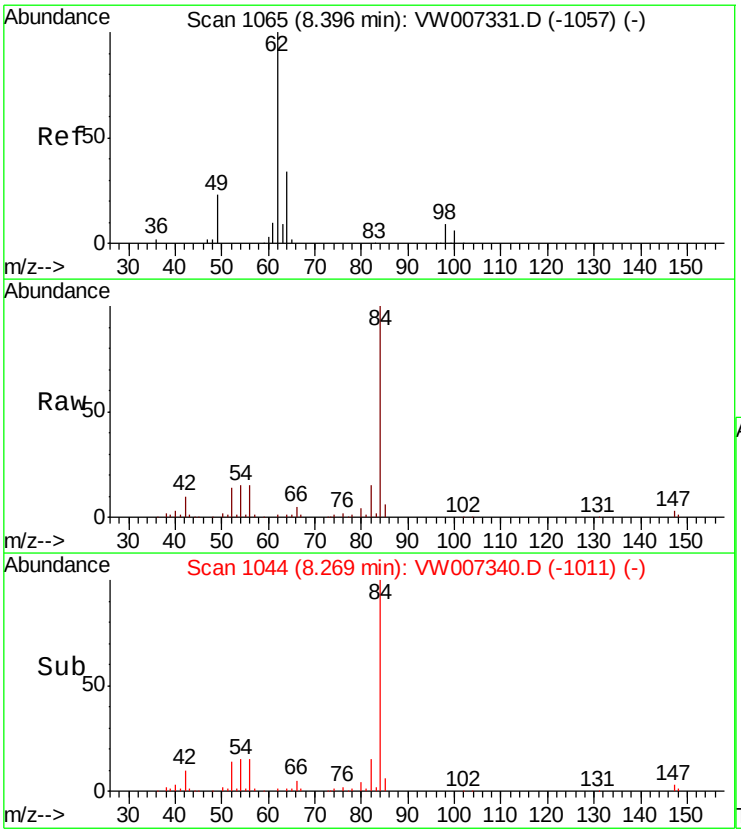
#21
2-Butanone
Concen: 0.935 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Instrument :
MSVOA_W
ClientSampleId :
F9E08

Tgt Ion: 43 Resp: 349

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.7	44.1#

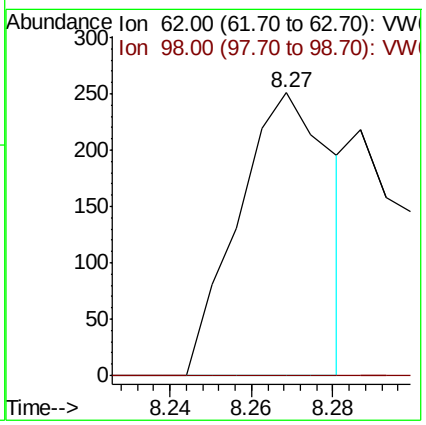


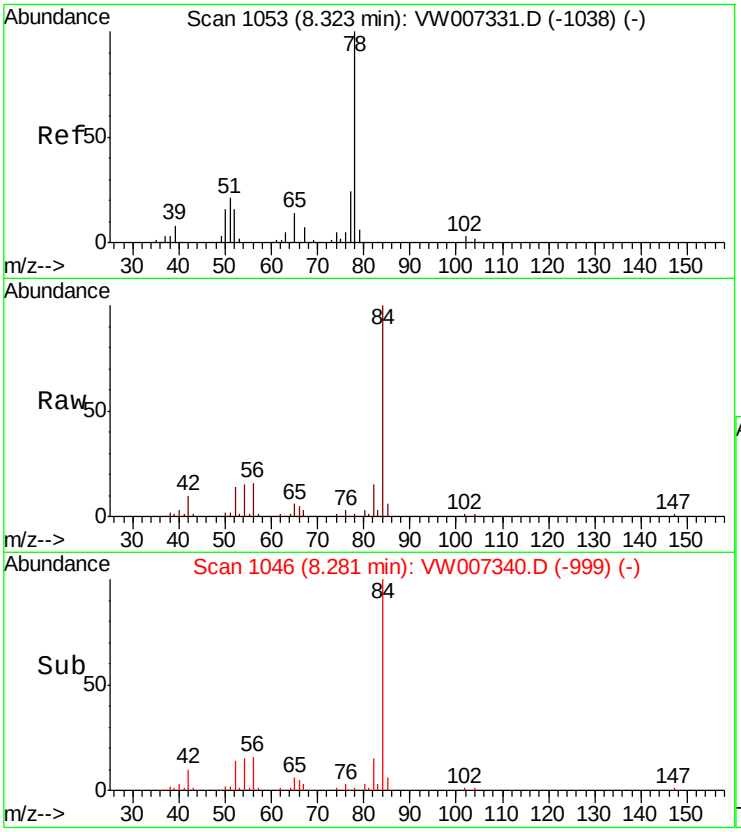


#27
1,2-Dichloroethane
Concen: 0.330 ug/L
RT: 8.27 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Tgt Ion: 62 Resp: 399

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#

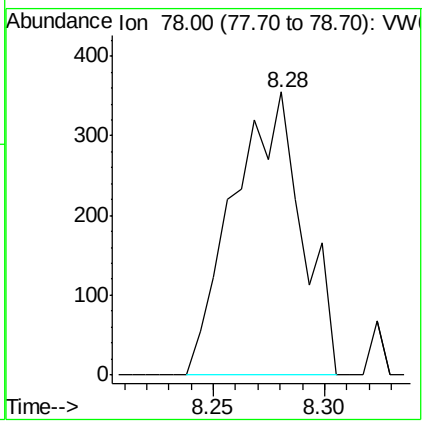


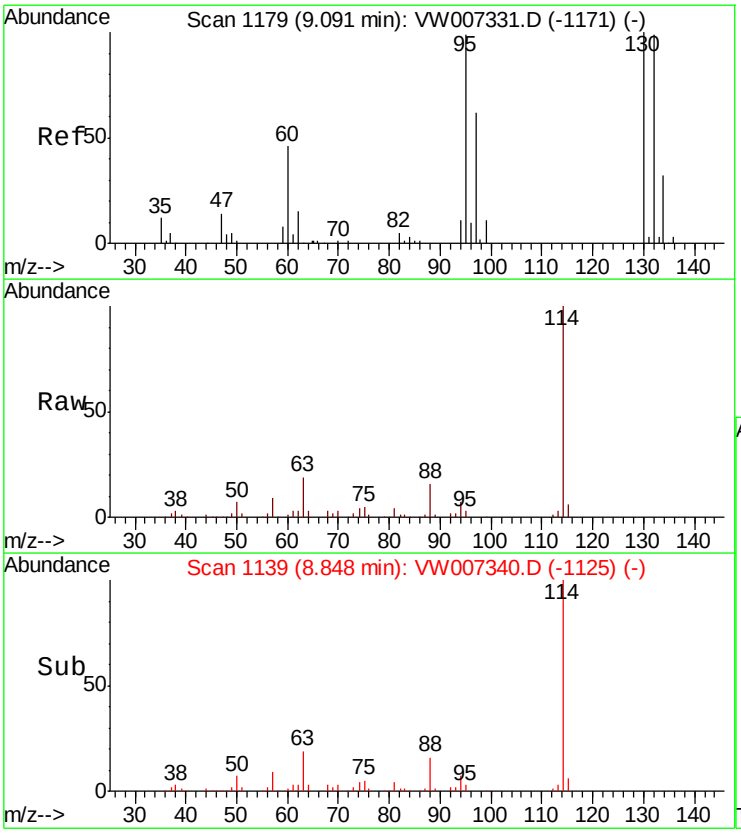


#34
Benzene
Concen: 0.271 ug/L
RT: 8.28 min Scan# 1046
Delta R.T. -0.04 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Instrument :
MSVOA_W
ClientSampleId :
F9E08

Tgt Ion: 78 Resp: 760

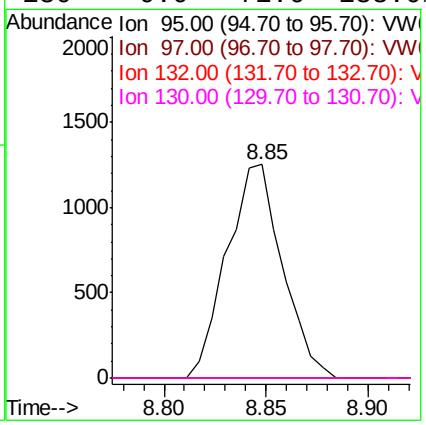


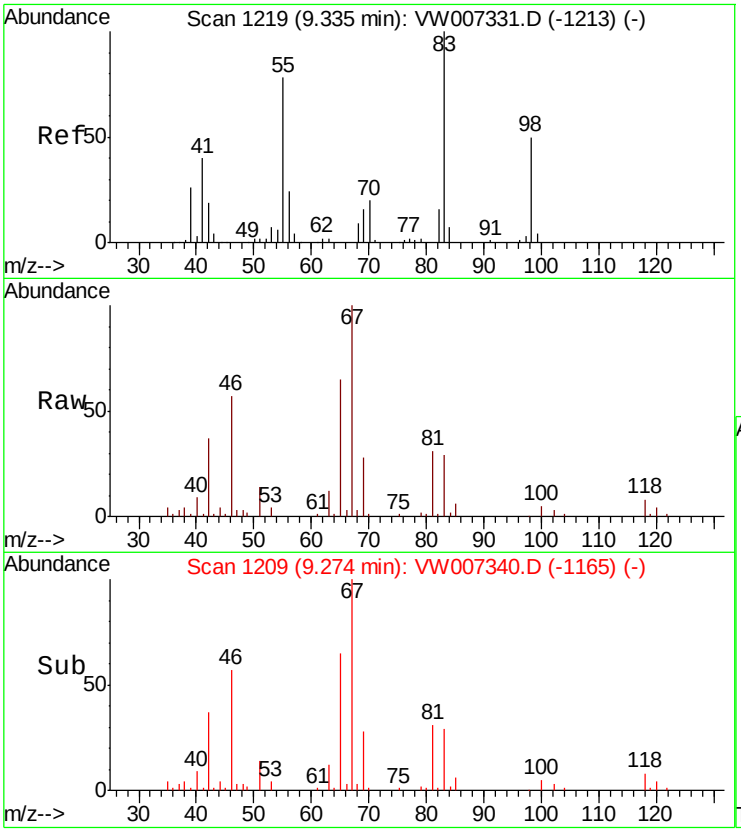


#35
Trichloroethene
Concen: 2.943 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Tgt Ion: 95 Resp: 2370

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.0#
132	0.0	68.0	126.4#
130	0.0	71.6	133.0#



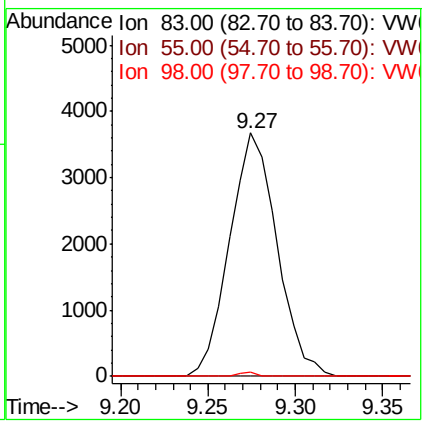


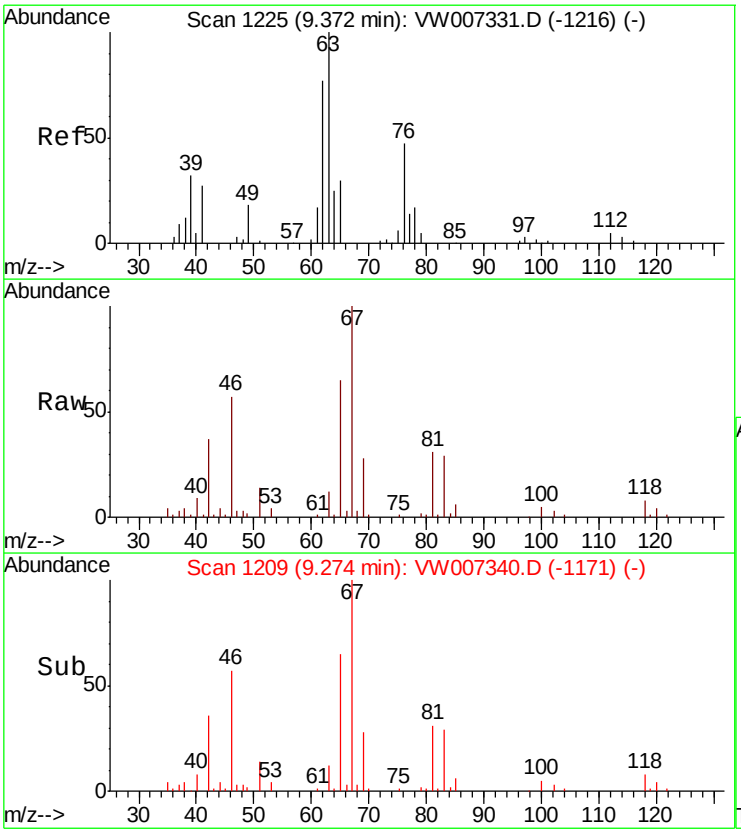
#36
Methylcyclohexane
Concen: 4.976 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Instrument : MSVOA_W
ClientSampleId : F9E08

Tgt Ion: 83 Resp: 6917

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.2#
98	0.6	38.1	57.1#

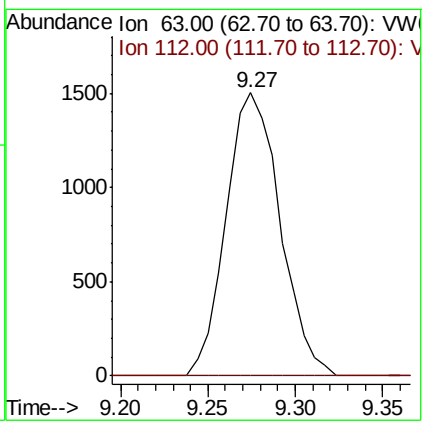


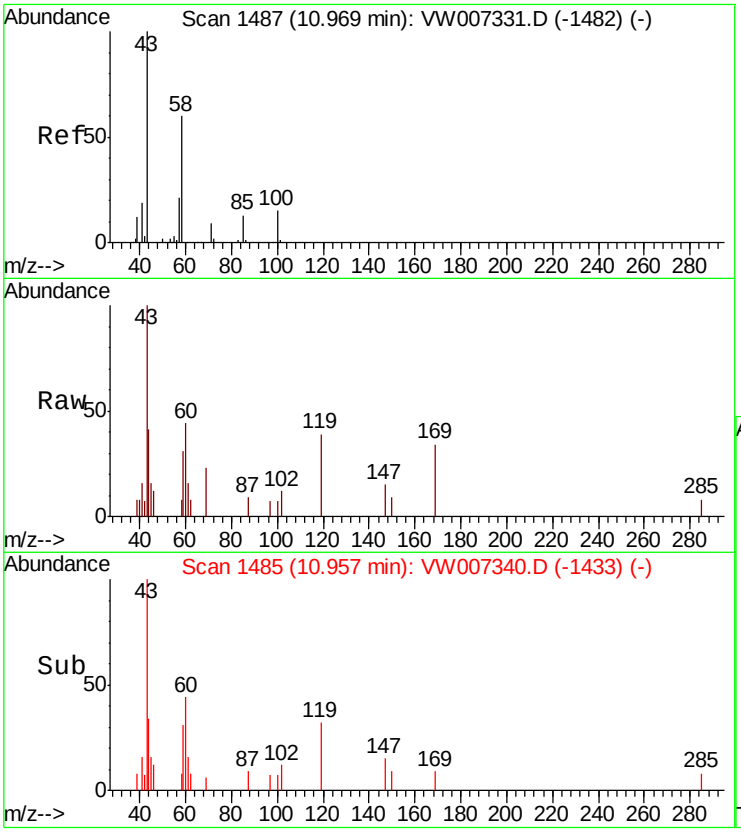


#40
1,2-Dichloropropane
Concen: 4.698 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Tgt Ion: 63 Resp: 3227

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



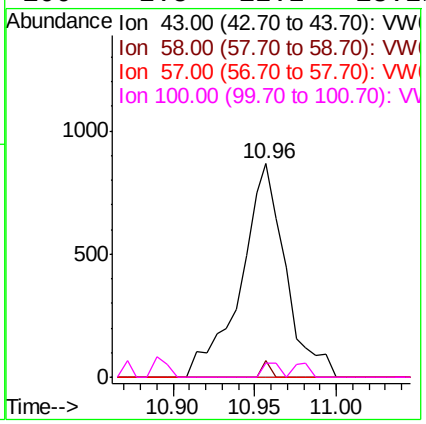


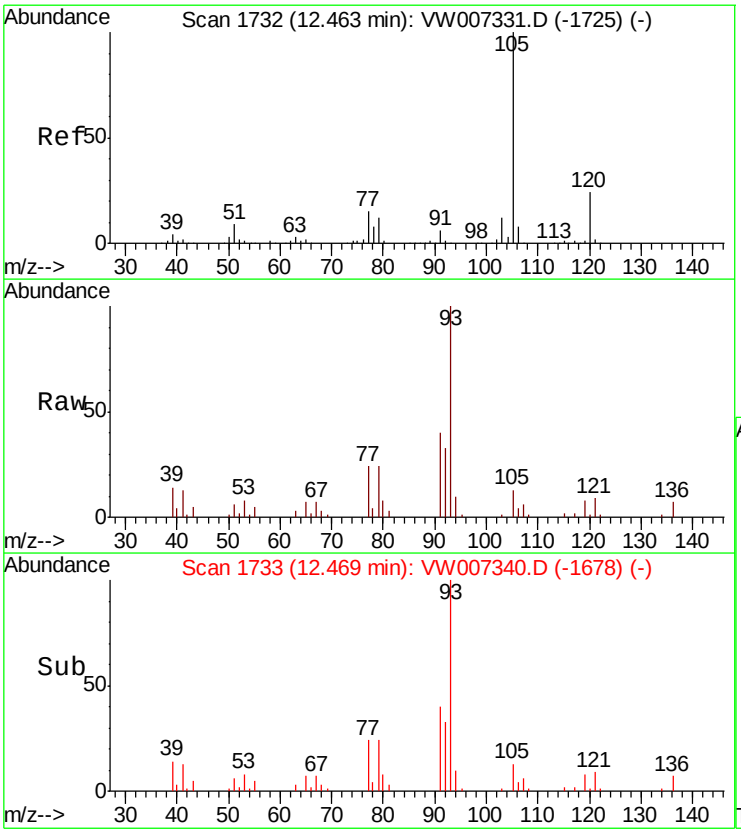
#49
2-Hexanone
Concen: 4.321 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Instrument : MSVOA_W
ClientSampleId : F9E08

Tgt Ion: 43 Resp: 1651

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.2	70.8#
57	0.0	17.6	26.4#
100	2.5	12.2	18.2#





#57
Isopropylbenzene
Concen: 0.411 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007340.D
Acq: 08 Dec 2018 07:20

Tgt Ion:105 Resp: 1401

Ion	Ratio	Lower	Upper
105	100		
120	1.4	20.6	30.8#
77	219.4	12.2	18.2#