Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
Misc : 6.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0J9

Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1191	462.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 1848.56%#			
7) Chloroethane-d5	1.60	69	818	293.88	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 1175.52%#			
10) 1,1-Dichloroethene-d2	2.14	63	1404	199.15	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 796.60%#			
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
24) Chloroform-d	4.41	84	373	115.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 461.12%#			
26) 1,2-Dichloroethane-d4	5.09	65	162	83.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 332.76%#			
29) Benzene-d6	5.11	84	1098	68.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 274.20%#			
33) 1,2-Dichloropropane-d6	6.10	67	113	24.11	ug/L	-0.01
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.44%			
37) Toluene-d8	7.37	98	764	50.39	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 201.56%#			
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery = 0.00%#			
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	70	15.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 60.36%			
61) 1,2-Dichlorobenzene-d4	11.68	152	39	23.82	ug/L	0.01
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.28%			
Target Compounds						Qvalue
3) Chloromethane	1.26	50	89	39.167	ug/L #	43
8) Chloroethane	1.59	64	156	61.291	ug/L #	43
9) Trichlorofluoromethane	1.91	101	40	6.348	ug/L #	18
11) 1,1,2-Trichloro-1,2,2-trif	1.91	101	40	10.922	ug/L #	17
13) Acetone	2.08	43	71	97.647	ug/L #	45
14) Carbon disulfide	2.16	76	41	9.754	ug/L #	74
15) Methyl Acetate	2.47	43	77	90.408	ug/L #	49
18) trans-1,2-Dichloroethene	2.49	96	65	39.061	ug/L #	1
19) 1,1-Dichloroethane	3.15	63	53	17.416	ug/L #	48
21) 2-Butanone	4.22	43	77	118.906	ug/L #	54
34) Benzene	5.36	78	68	4.060	ug/L	100
40) 1,2-Dichloropropane	6.44	63	46	10.991	ug/L #	92
43) 4-Methyl-2-pentanone	7.21	43	42	14.063	ug/L #	1
49) 2-Hexanone	8.09	43	43	21.303	ug/L #	39
53) Ethylbenzene	9.26	91	52	2.553	ug/L #	43

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
Misc : 6.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
Data File : VV009908.D
Acq On : 26 Mar 2019 21:38
Operator : SY/MD
Sample : K2101-01
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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
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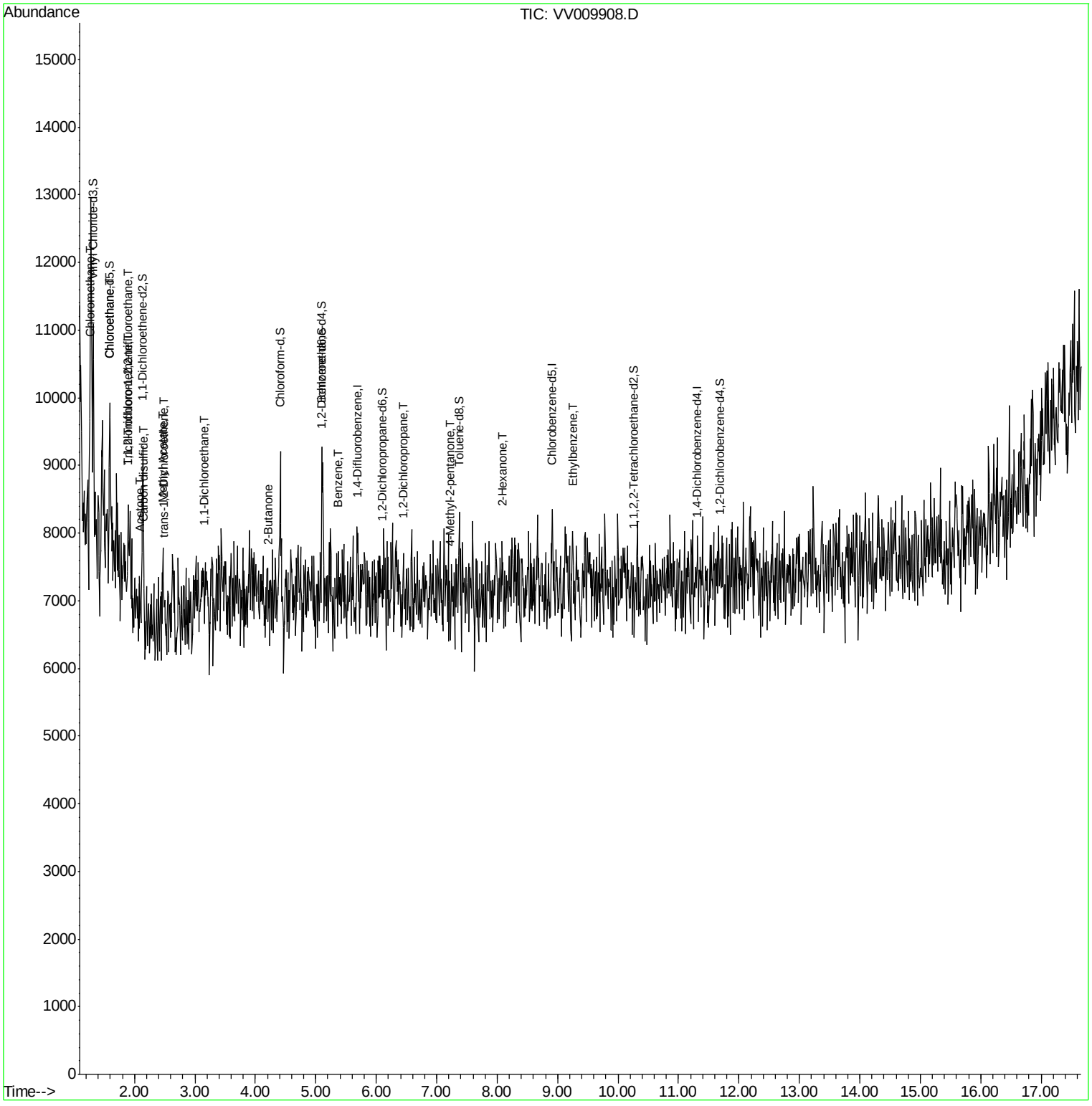
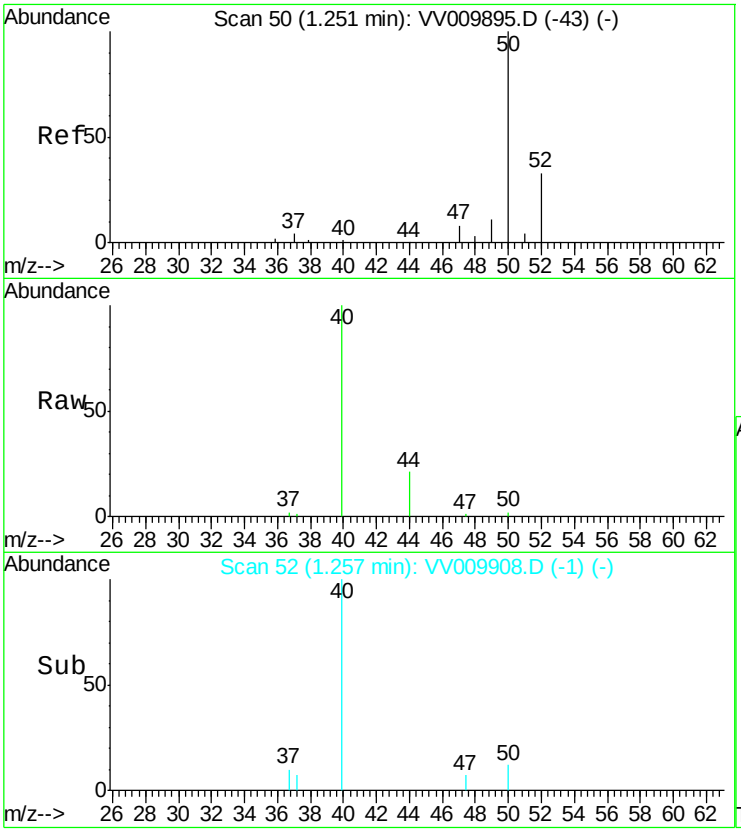
Quant Time: Mar 27 01:49:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration



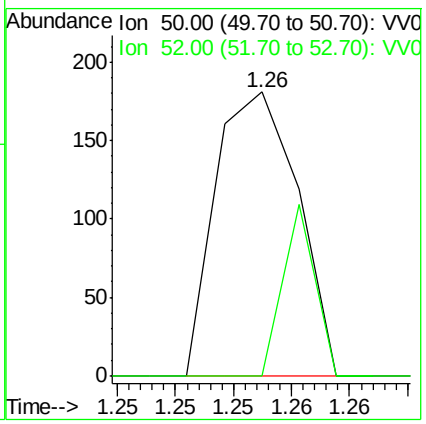


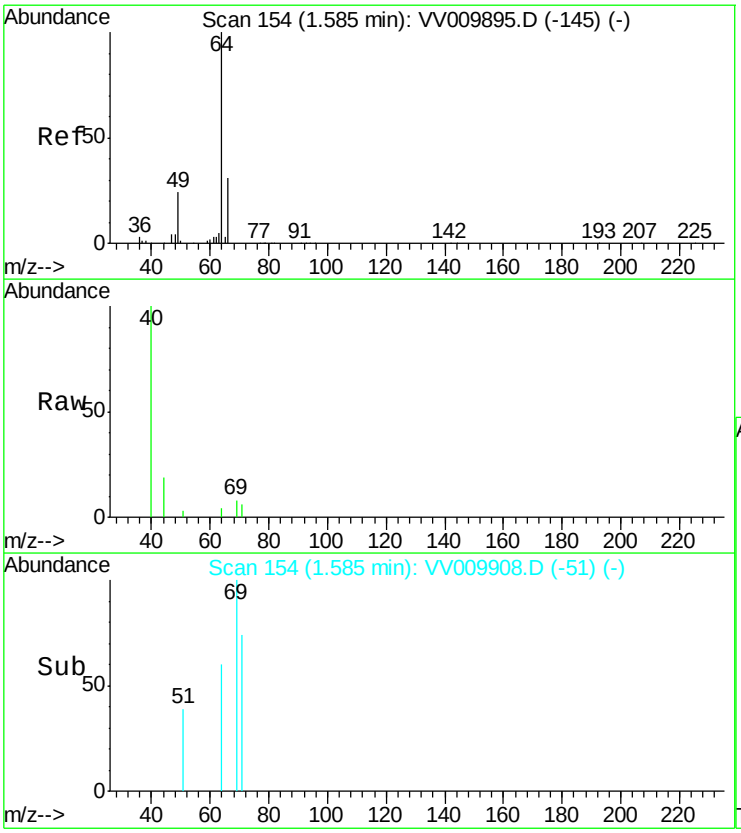
#3
Chloromethane
Concen: 39.167 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.01 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion: 50 Resp: 89

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.8	40.6#

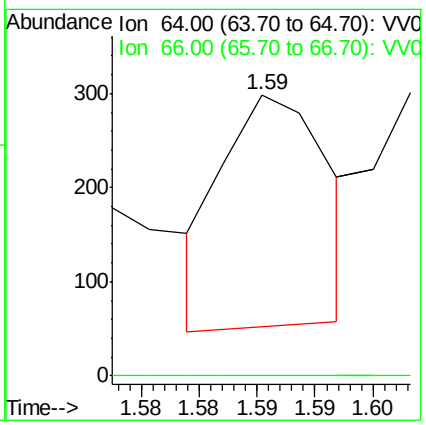


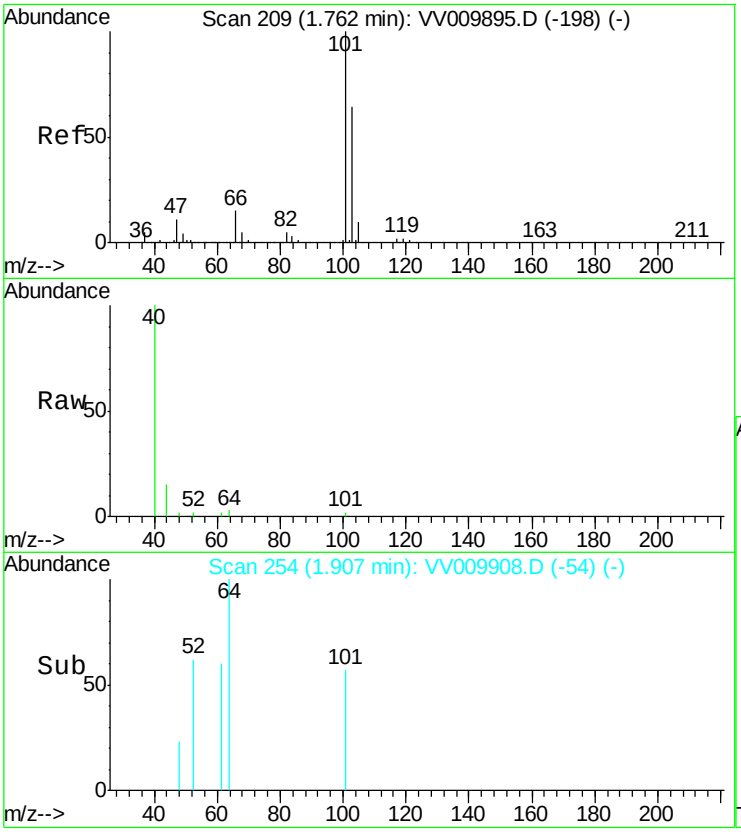


#8
Chloroethane
Concen: 61.291 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.00 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 64 Resp: 156

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.3	41.5#



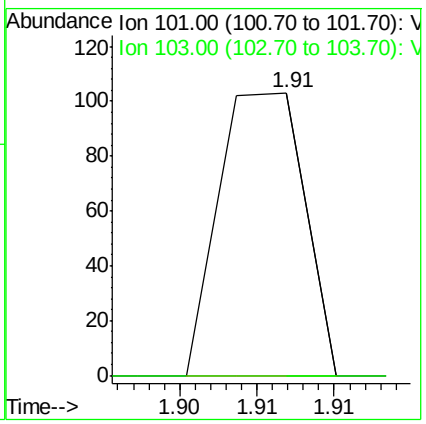


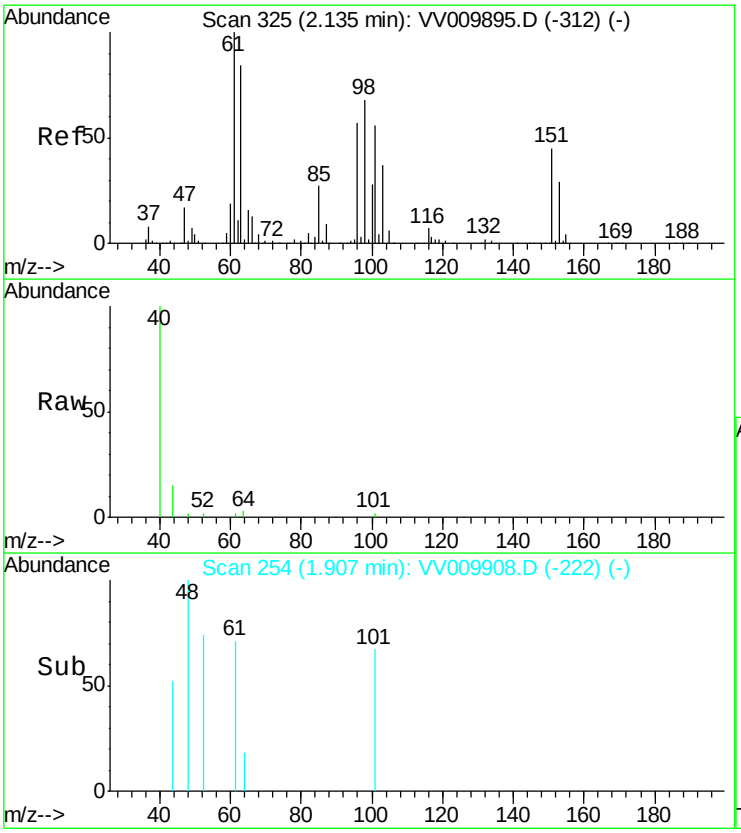
#9
Trichlorofluoromethane
Concen: 6.348 ug/L
RT: 1.91 min Scan# 254
Delta R.T. 0.14 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion:101 Resp: 40

Ion	Ratio	Lower	Upper
101	100		
103	0.0	45.1	83.9#

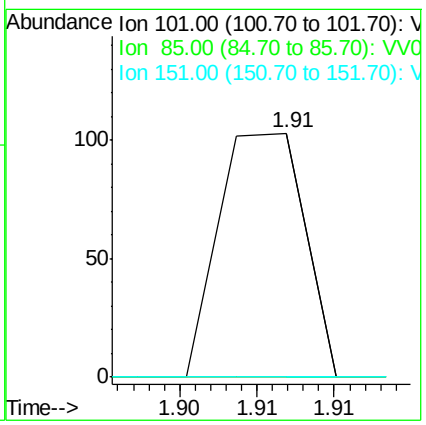


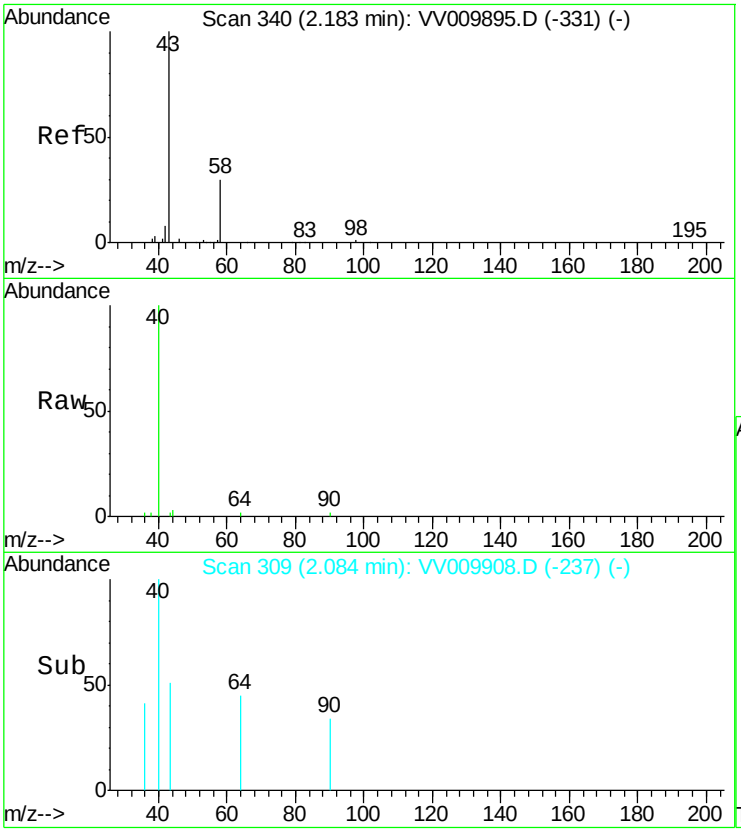


#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.922 ug/L
RT: 1.91 min Scan# 254
Delta R.T. -0.23 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion:101 Resp: 40

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.9	55.3#
151	0.0	63.6	95.4#



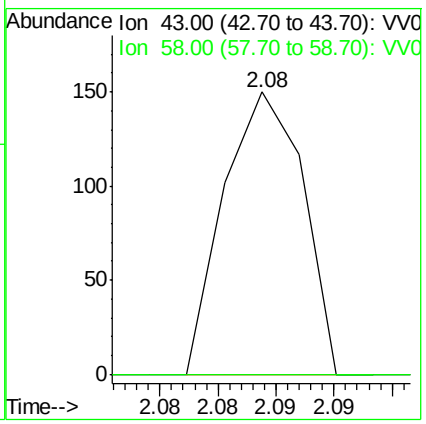


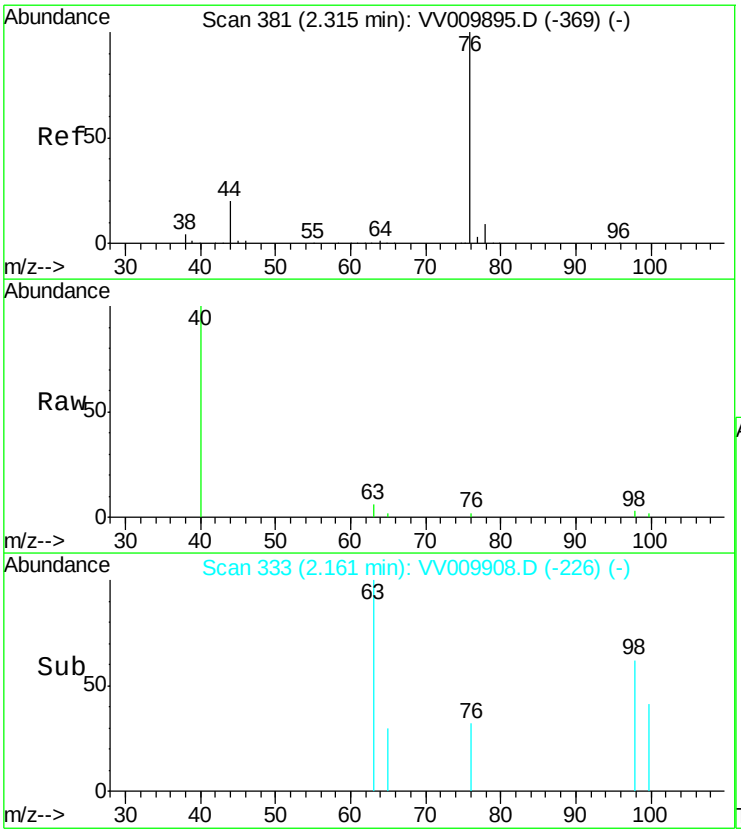
#13
Acetone
Concen: 97.647 ug/L
RT: 2.08 min Scan# 309
Delta R.T. -0.10 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	59.4

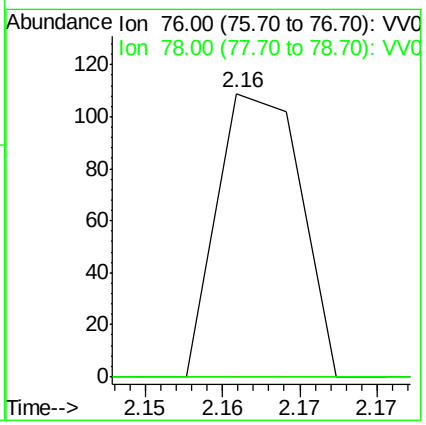


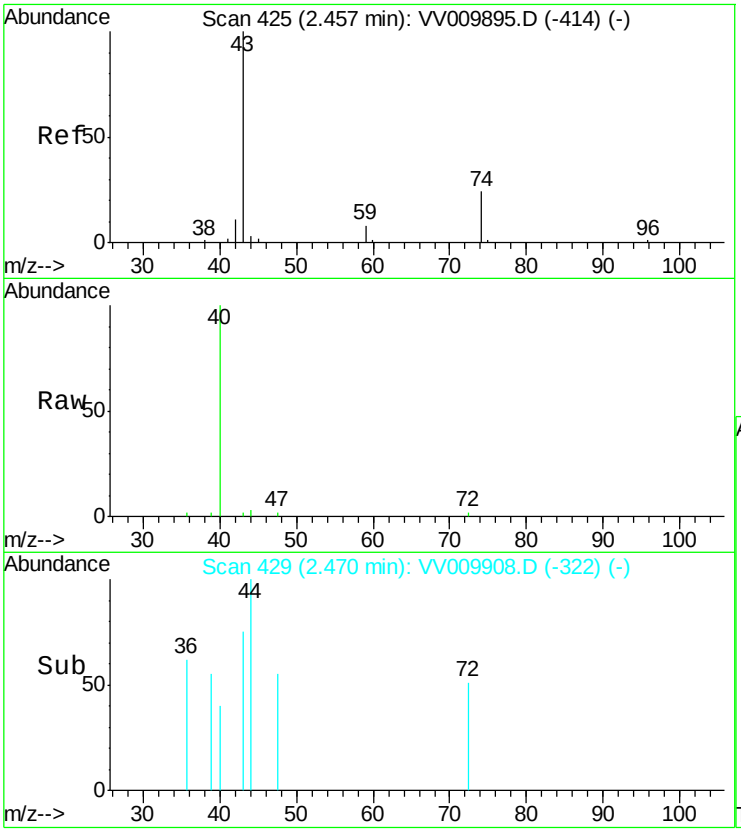


#14
Carbon disulfide
Concen: 9.754 ug/L
RT: 2.16 min Scan# 333
Delta R.T. -0.15 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 76 Resp: 41

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



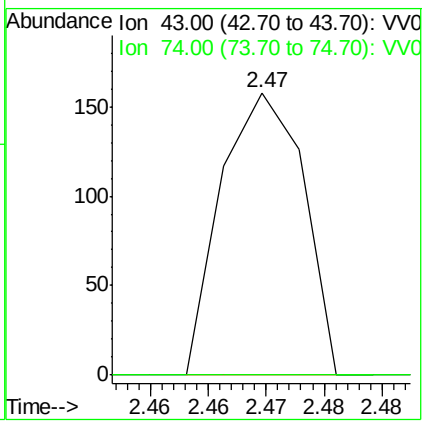


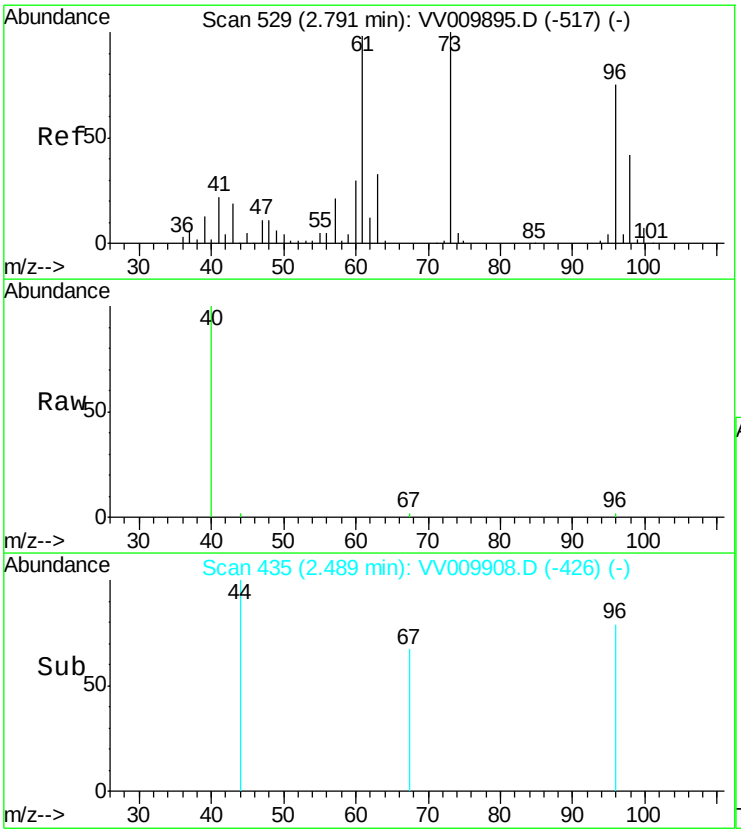
#15
Methyl Acetate
Concen: 90.408 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.01 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion: 43 Resp: 77

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.9	31.3#

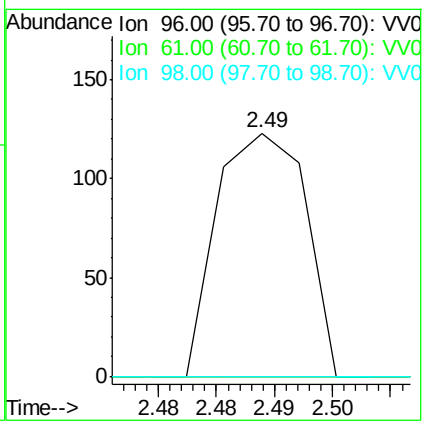


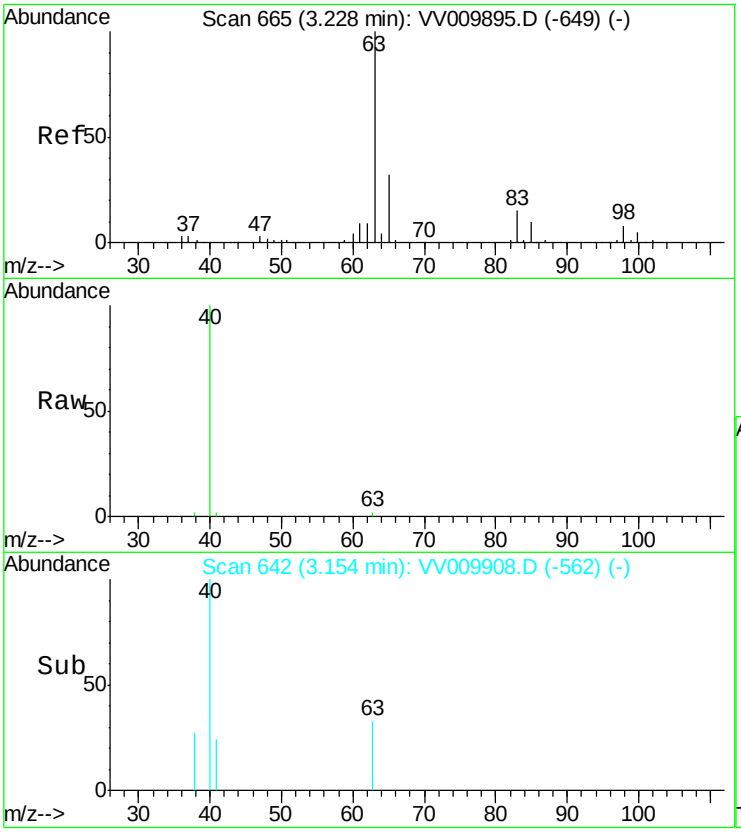


#18
trans-1,2-Dichloroethene
Concen: 39.061 ug/L
RT: 2.49 min Scan# 435
Delta R.T. -0.30 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 96 Resp: 65

Ion	Ratio	Lower	Upper
96	100		
61	0.0	96.8	179.8#
98	0.0	46.1	85.7#



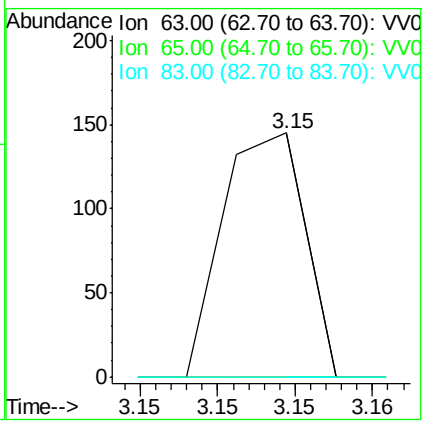


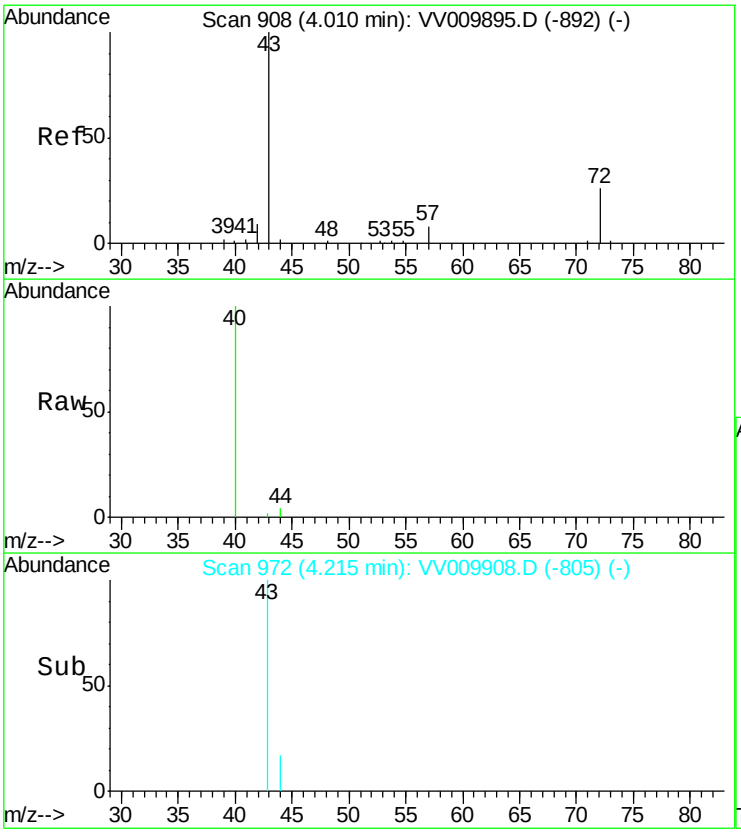
#19
1,1-Dichloroethane
Concen: 17.416 ug/L
RT: 3.15 min Scan# 642
Delta R.T. -0.07 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion: 63 Resp: 53

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.2	43.0#
83	0.0	11.3	21.1#

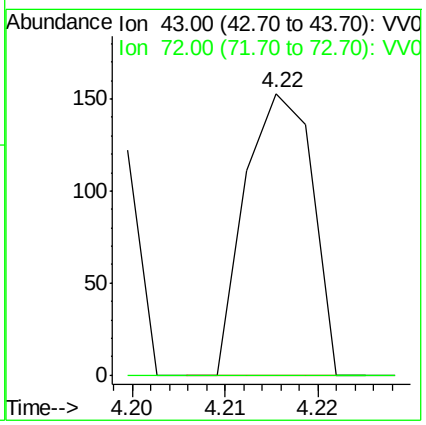


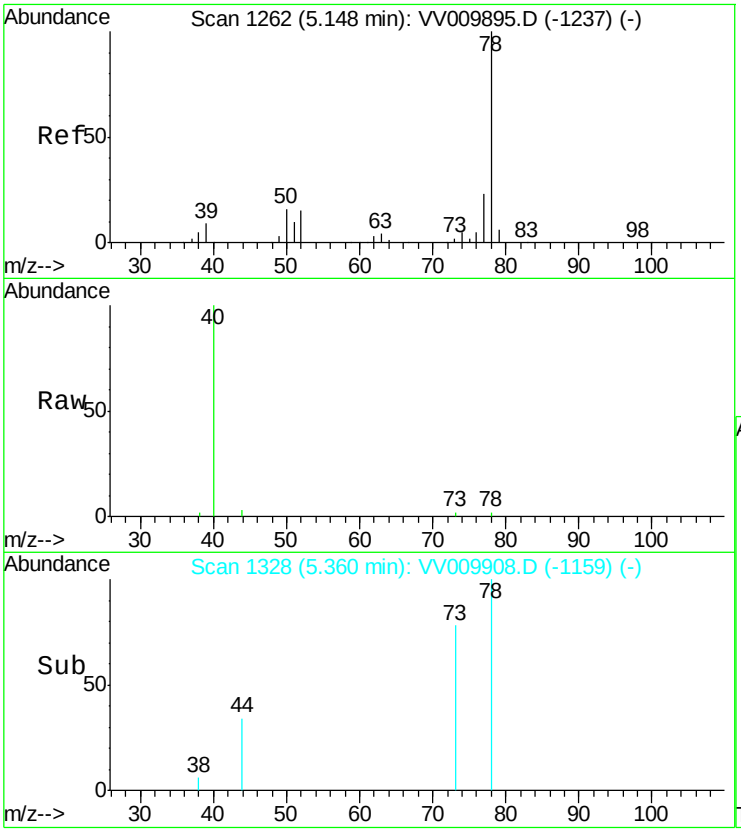


#21
2-Butanone
Concen: 118.906 ug/L
RT: 4.22 min Scan# 972
Delta R.T. 0.21 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 43 Resp: 77

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.1	33.1#

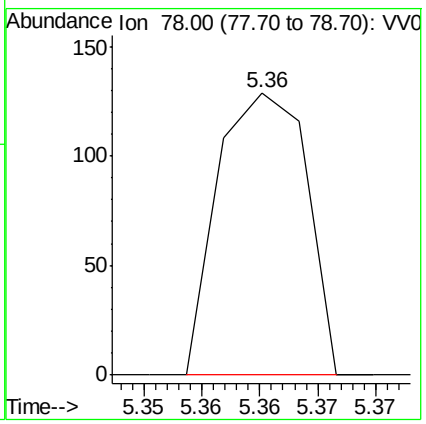


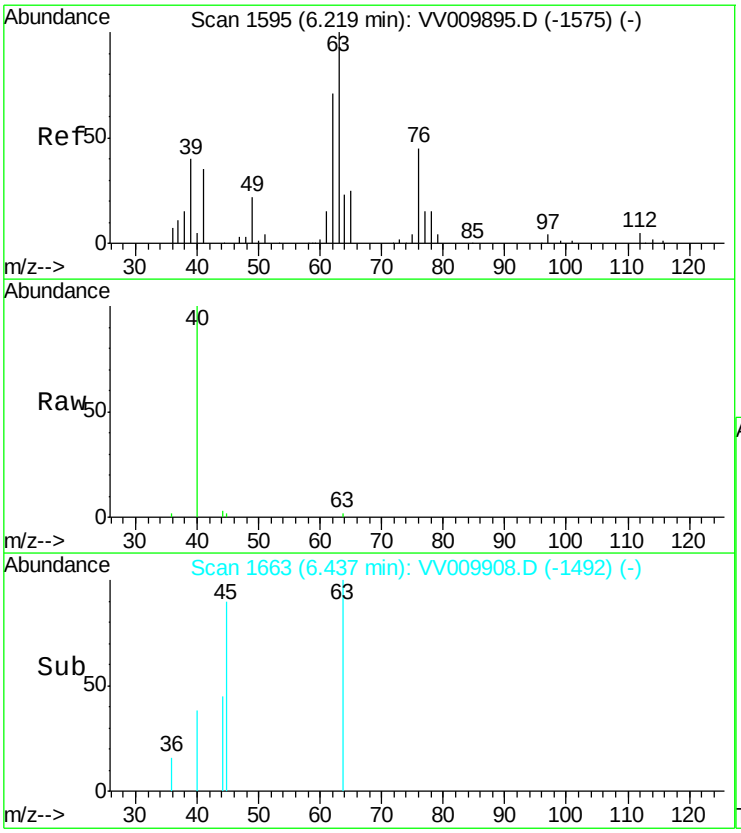


#34
Benzene
Concen: 4.060 ug/L
RT: 5.36 min Scan# 1328
Delta R.T. 0.21 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion: 78 Resp: 68

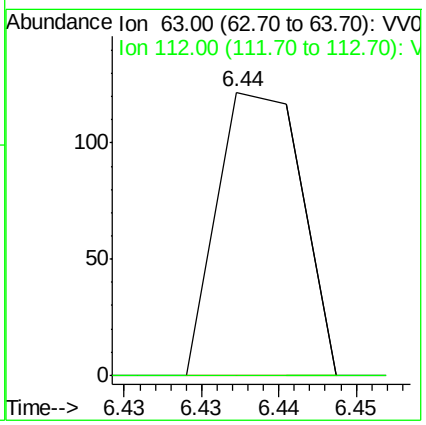


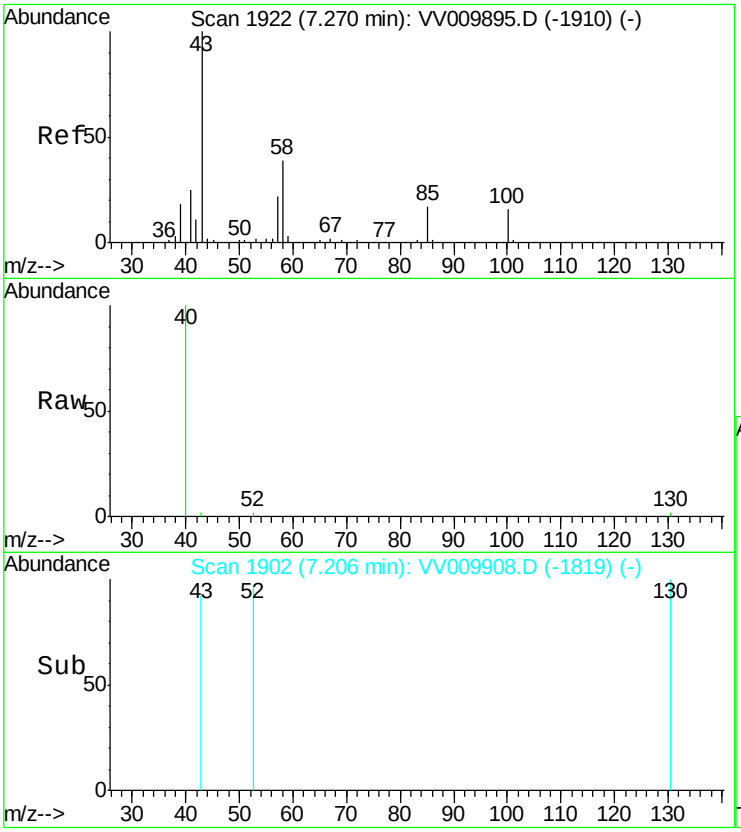


#40
1,2-Dichloropropane
Concen: 10.991 ug/L
RT: 6.44 min Scan# 1663
Delta R.T. 0.22 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 63 Resp: 46

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.1	3.1#



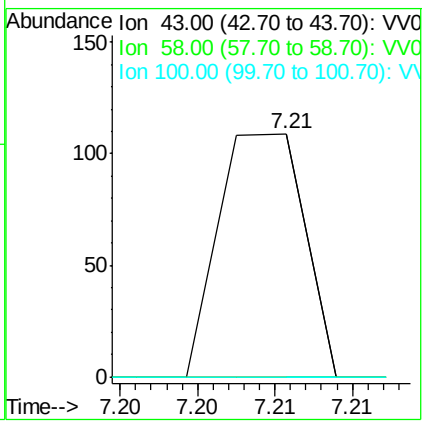


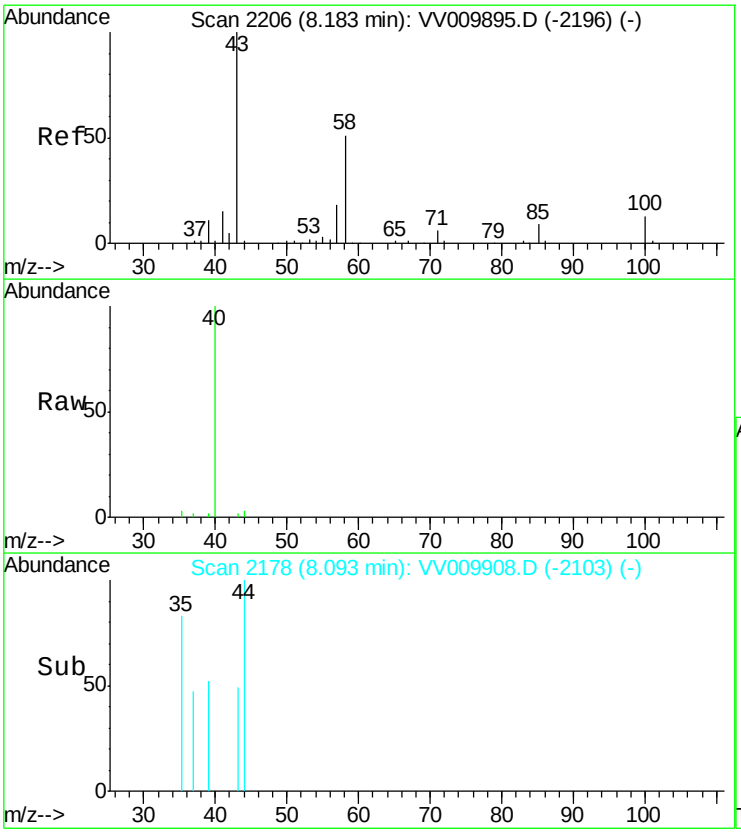
#43
4-Methyl-2-pentanone
Concen: 14.063 ug/L
RT: 7.21 min Scan# 1902
Delta R.T. -0.06 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument : MSVOA_V
ClientSampleId : BF0J9

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#
100	1052.4	12.2	18.4#

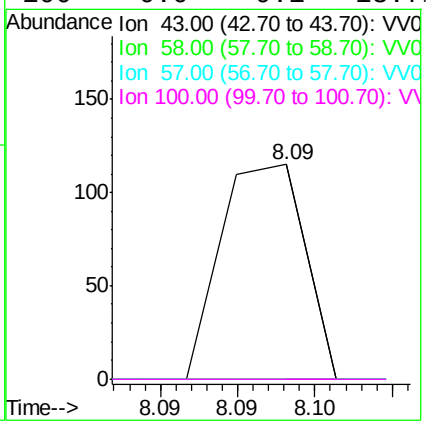


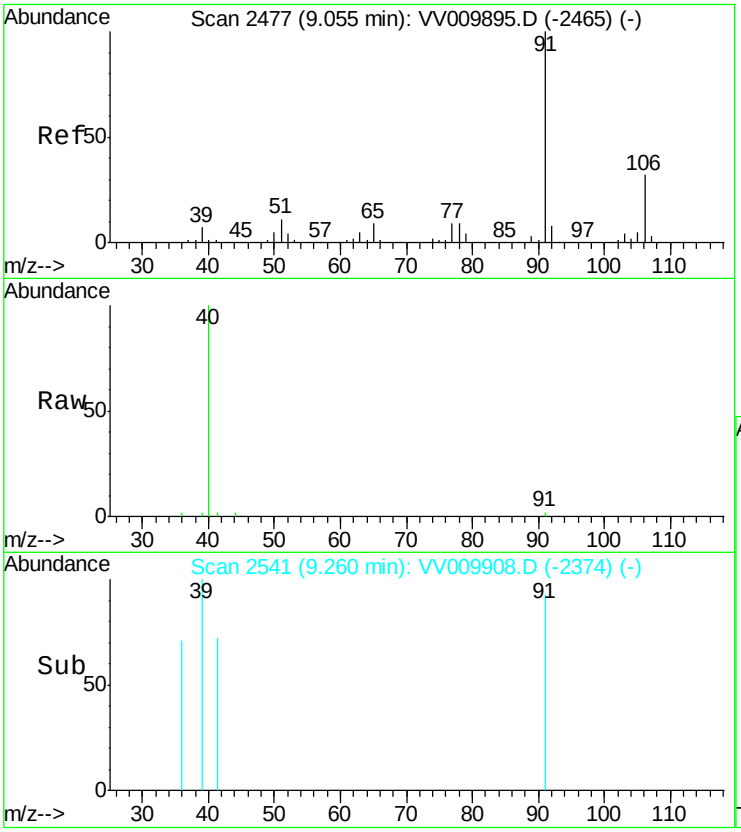


#49
2-Hexanone
Concen: 21.303 ug/L
RT: 8.09 min Scan# 2178
Delta R.T. -0.09 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Tgt Ion: 43 Resp: 43

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.0	63.0#
57	0.0	12.9	19.3#
100	0.0	9.1	13.7#





#53
Ethylbenzene
Concen: 2.553 ug/L
RT: 9.26 min Scan# 2541
Delta R.T. 0.21 min
Lab File: VV009908.D
Acq: 26 Mar 2019 21:38

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Tgt Ion: 91 Resp: 52

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.3	41.3#