Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010366.D
Acq On : 18 Apr 2019 23:06
Operator : SY/MD
Sample : K2402-13
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Quant Time: Apr 19 06:14:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	2007	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	3140	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1106	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	44	1.73	ug/L	0.07
Spiked Amount 25.000	Range 30 - 150		Recovery = 6.92%#			
7) Chloroethane-d5	1.59	69	324	15.14	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.56%			
10) 1,1-Dichloroethene-d2	2.13	63	265	4.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 17.24%#			
20) 2-Butanone-d5	4.03	46	368	46.37	ug/L	0.09
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.74%			
24) Chloroform-d	4.41	84	1163	22.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.16%			
26) 1,2-Dichloroethane-d4	5.09	65	2431	78.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 312.20%#			
29) Benzene-d6	5.10	84	1216	7.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 30.28%			
33) 1,2-Dichloropropane-d6	6.12	67	1424	30.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.08%#			
37) Toluene-d8	7.37	98	1127	7.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 29.16%#			
38) trans-1,3-Dichloropropene-	7.66	79	155	6.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 26.80%#			
39) 2-Hexanone-d5	8.21	63	80	7.64	ug/L	0.07
Spiked Amount 50.000	Range 20 - 135		Recovery = 15.28%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3815	81.09	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 324.36%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	1647	37.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 151.52%#			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.33	85	40	1.314	ug/L #	1
3) Chloromethane	1.25	50	291	10.999	ug/L #	73
5) Vinyl chloride	1.64	62	46	1.664	ug/L #	1
6) Bromomethane	1.54	94	116	6.562	ug/L	42
8) Chloroethane	1.83	64	93	5.280	ug/L	100
9) Trichlorofluoromethane	1.40	101	43	0.758	ug/L #	62
13) Acetone	2.17	43	100	11.939	ug/L	82
14) Carbon disulfide	2.32	76	67	1.042	ug/L #	75
15) Methyl Acetate	2.45	43	68	4.974	ug/L #	47
16) Methylene chloride	2.54	84	1506	46.979	ug/L	83
18) trans-1,2-Dichloroethene	3.05	96	44	1.779	ug/L #	1
21) 2-Butanone	3.89	43	94	10.353	ug/L #	49
27) 1,2-Dichloroethane	4.93	62	44	1.251	ug/L #	76
30) Cyclohexane	4.79	56	45	0.782	ug/L #	14
36) Methylcyclohexane	6.15	83	74	1.121	ug/L #	66
40) 1,2-Dichloropropane	6.14	63	134	3.410	ug/L #	86
49) 2-Hexanone	8.19	43	362	16.844	ug/L #	37

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010366.D
Acq On : 18 Apr 2019 23:06
Operator : SY/MD
Sample : K2402-13
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Quant Time: Apr 19 06:14:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) 1,2,3-Trichloropropane	11.05	75	67	2.021	ug/L	#	42
69) Naphthalene	13.56	128	97	1.172	ug/L	#	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010366.D
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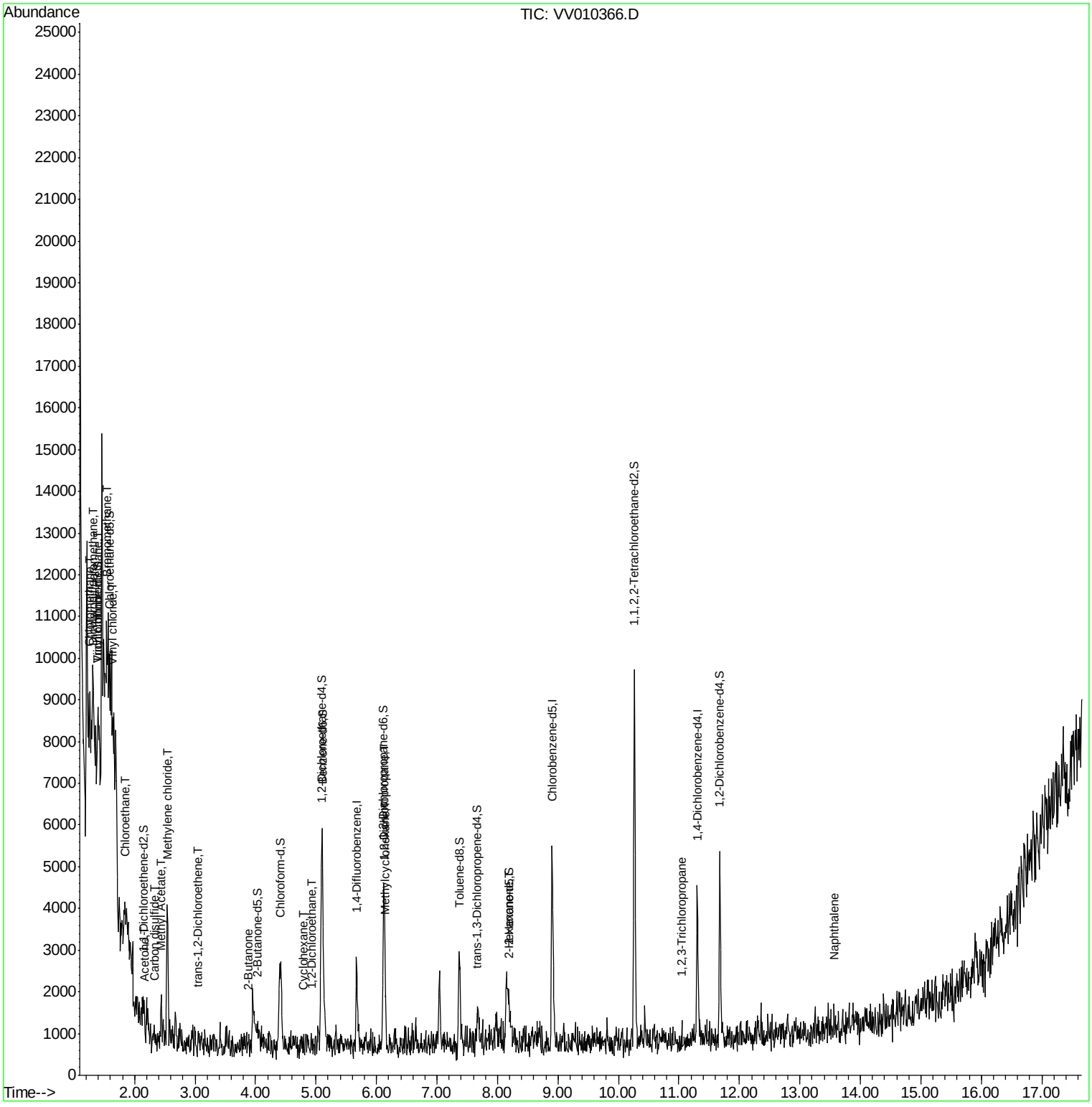
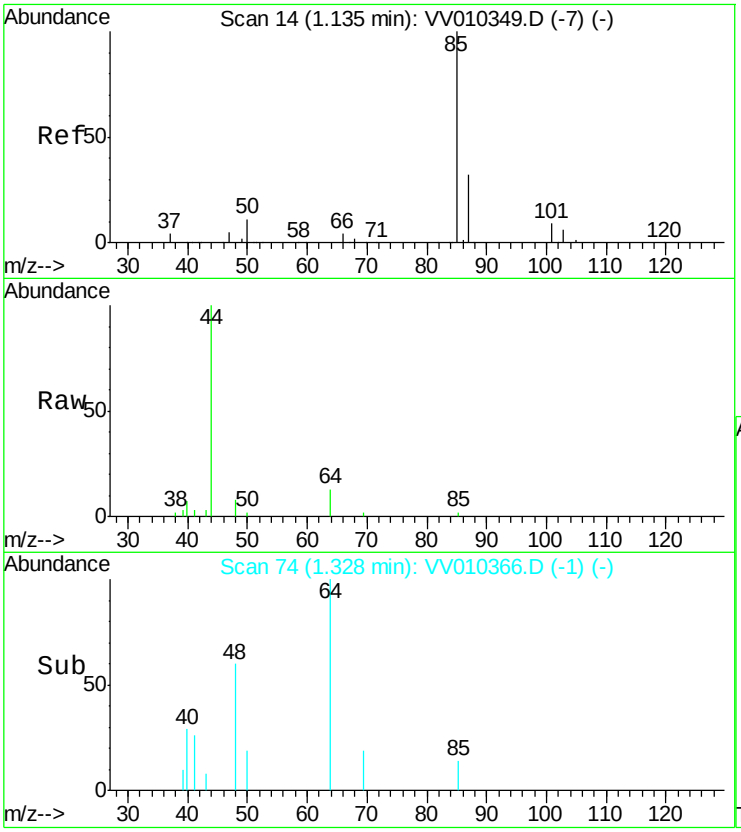
MSVOA_V
ClientSampleId :
GAHJ3

Quant Time: Apr 19 06:14:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration



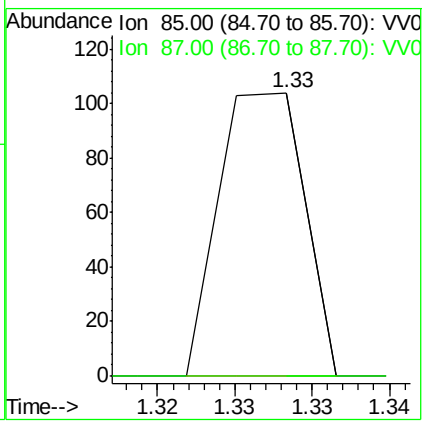


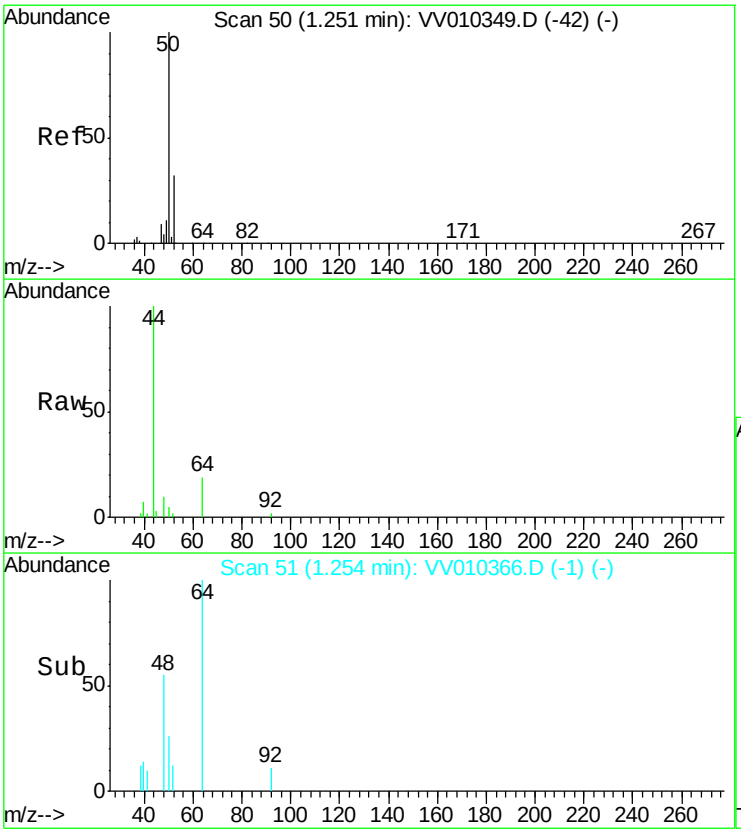
#2
Dichlorodifluoromethane
Concen: 1.314 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.19 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Tgt Ion: 85 Resp: 40

Ion	Ratio	Lower	Upper
85	100		
87	100.0	23.4	43.4#

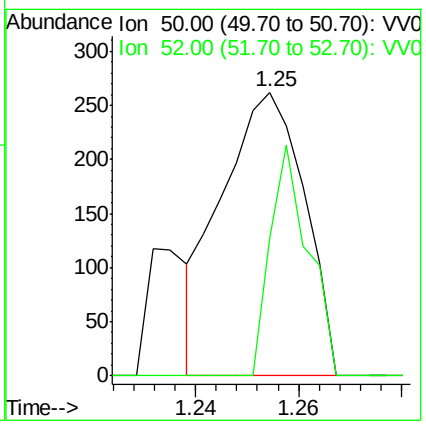


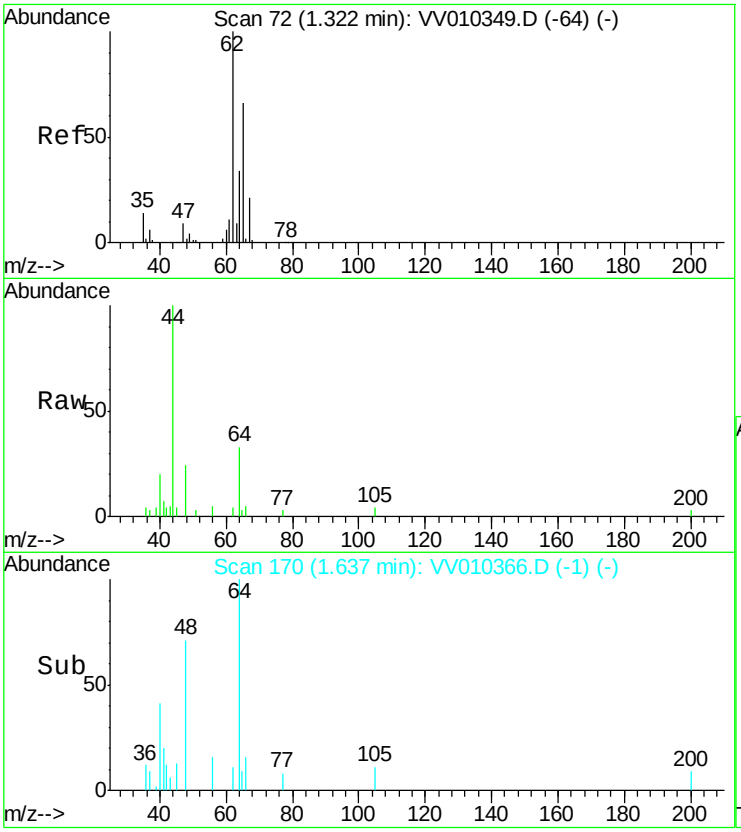


#3
Chloromethane
Concen: 10.999 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.01 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 50 Resp: 291

Ion	Ratio	Lower	Upper
50	100		
52	48.5	23.2	43.2#



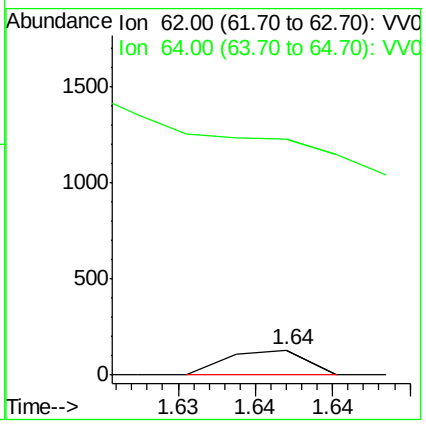


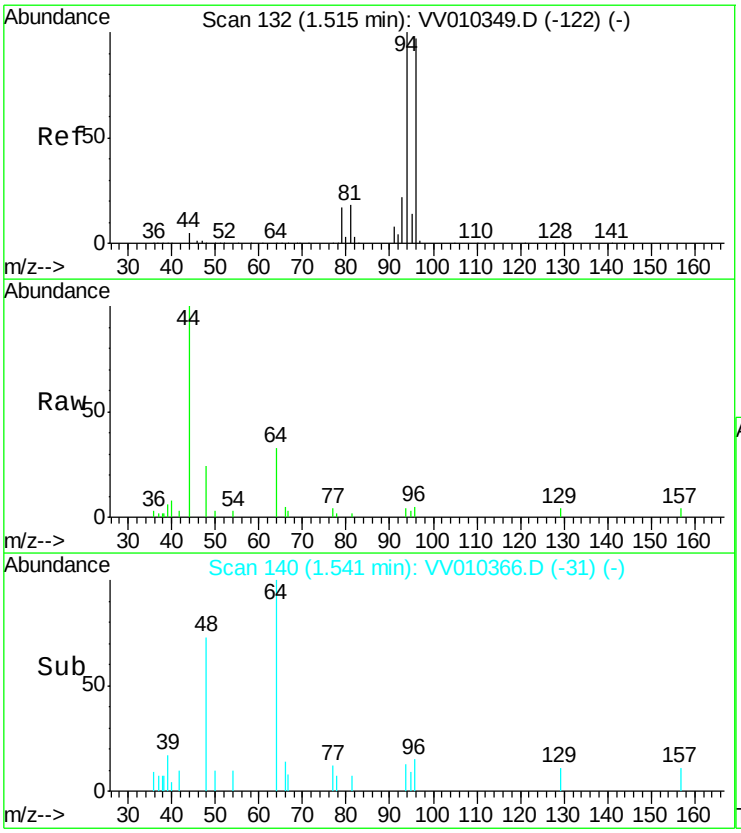
#5
Vinyl chloride
Concen: 1.664 ug/L
RT: 1.64 min Scan# 170
Delta R.T. 0.32 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Tgt Ion: 62 Resp: 46

Ion	Ratio	Lower	Upper
62	100		
64	943.8	23.9	44.3#

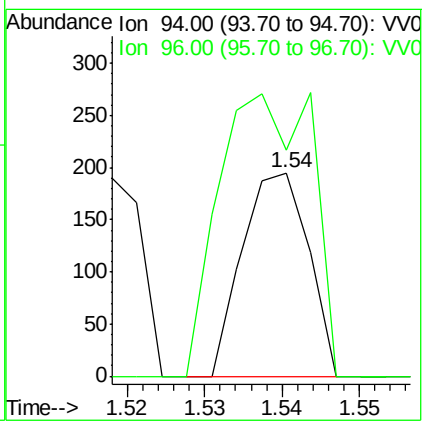


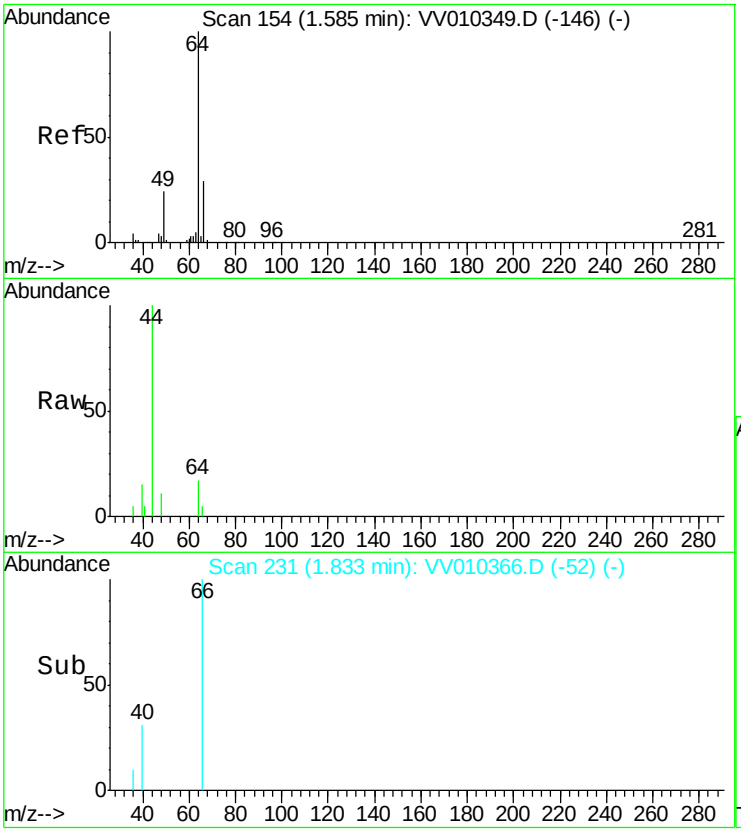


#6
Bromomethane
Concen: 6.562 ug/L
RT: 1.54 min Scan# 140
Delta R.T. 0.02 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 94 Resp: 116

Ion	Ratio	Lower	Upper
94	100		
96	149.1	9.3	177.1



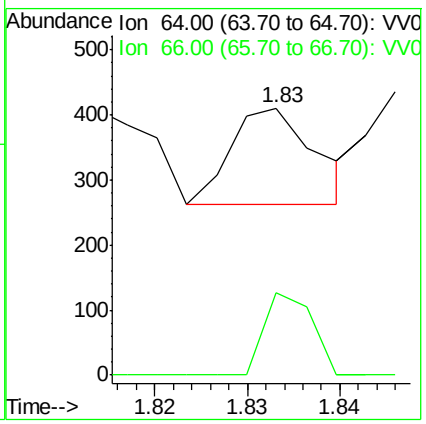


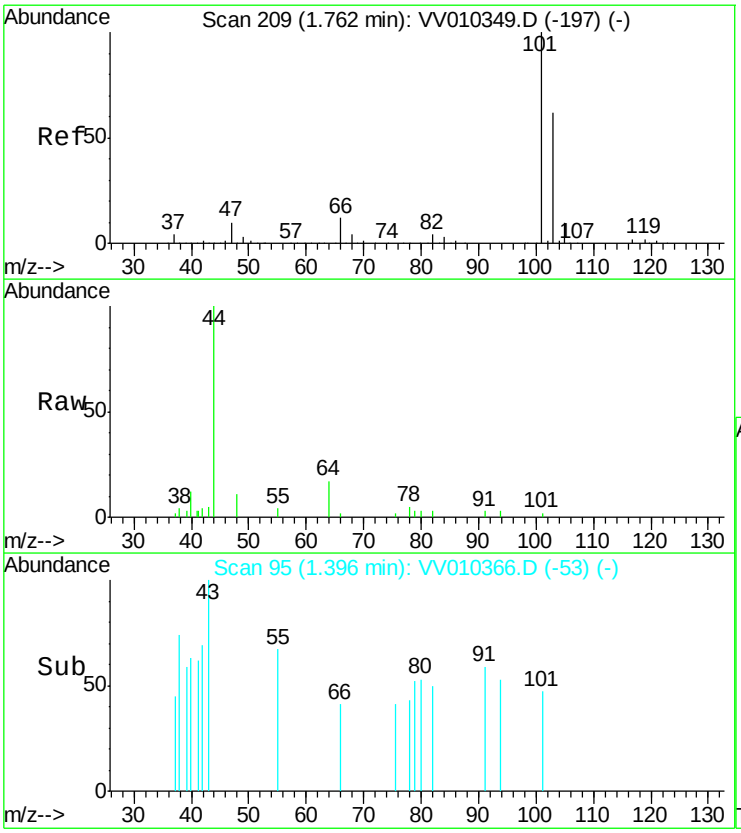
#8
Chloroethane
Concen: 5.280 ug/L
RT: 1.83 min Scan# 231
Delta R.T. 0.24 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Tgt Ion: 64 Resp: 93

Ion	Ratio	Lower	Upper
64	100		
66	30.7	21.4	39.8

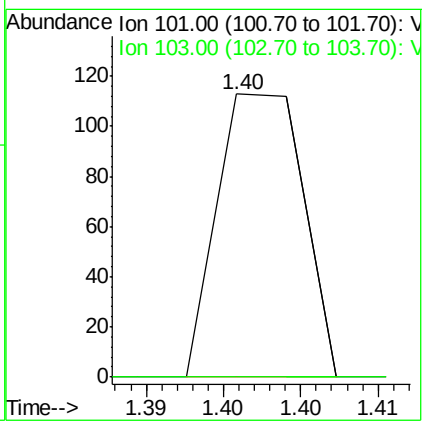


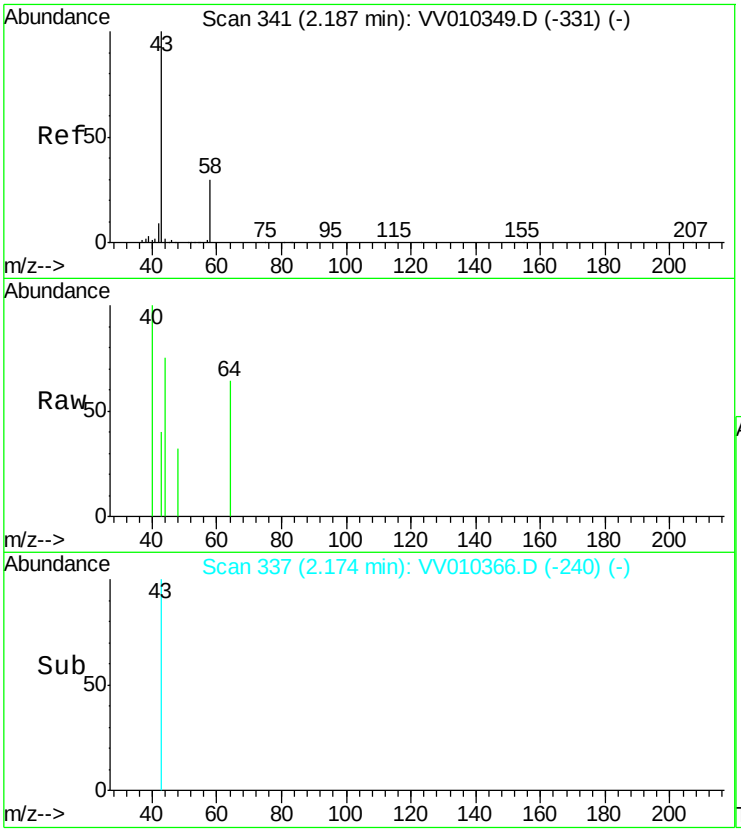


#9
Trichlorofluoromethane
Concen: 0.758 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.37 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion:101 Resp: 43

Ion	Ratio	Lower	Upper
101	100		
103	95.3	45.5	84.5#



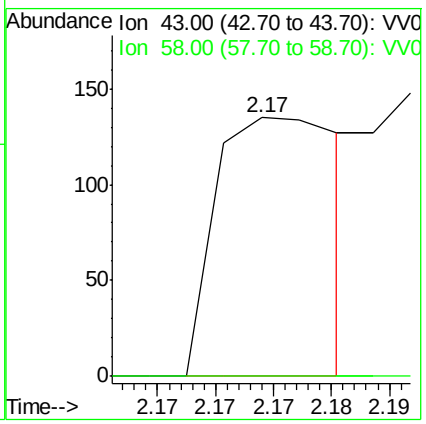


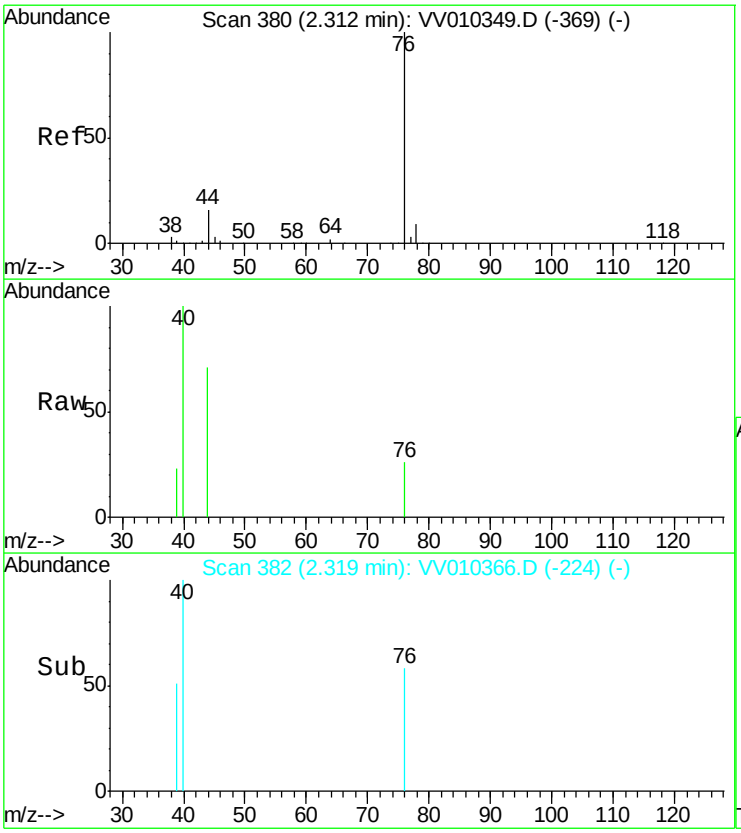
#13
Acetone
Concen: 11.939 ug/L
RT: 2.17 min Scan# 337
Delta R.T. -0.02 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

Tgt Ion: 43 Resp: 100

Ion	Ratio	Lower	Upper
43	100		
58	40.0	0.0	60.0

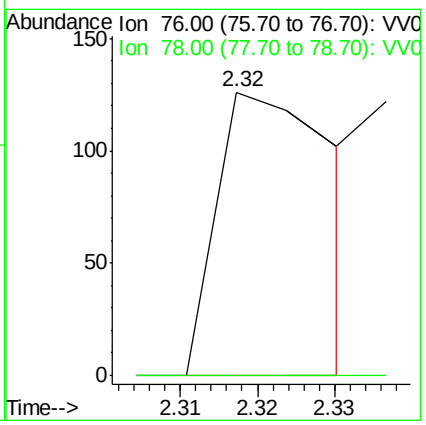


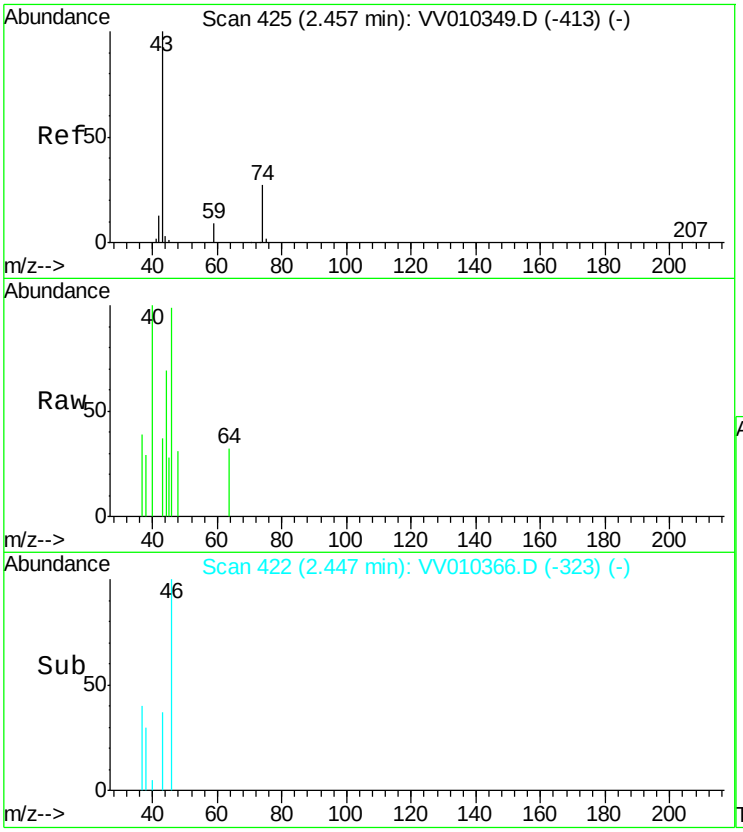


#14
Carbon disulfide
Concen: 1.042 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 76 Resp: 67

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



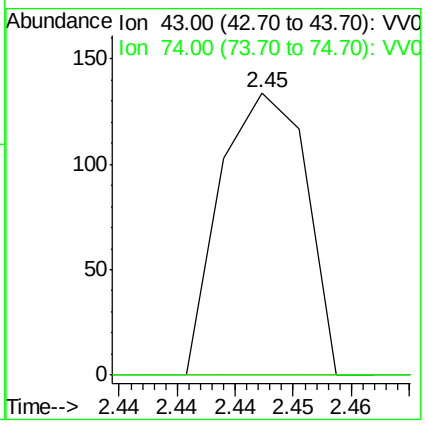


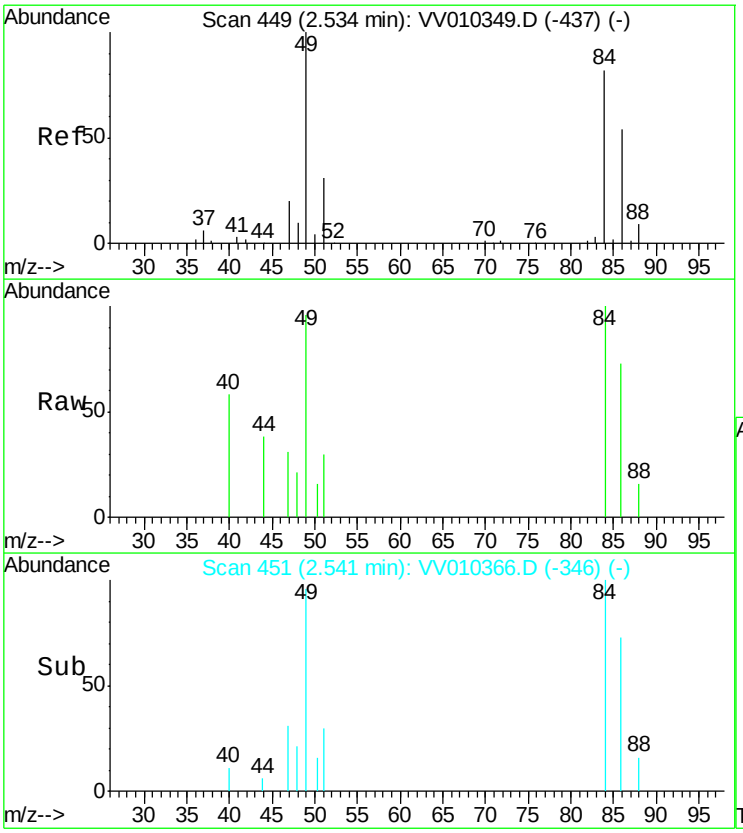
#15
Methyl Acetate
Concen: 4.974 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.01 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Tgt Ion: 43 Resp: 68

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.1	33.1#

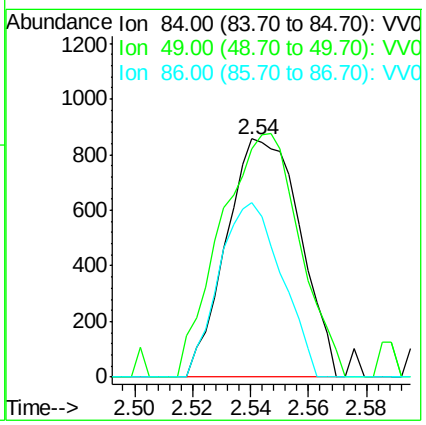


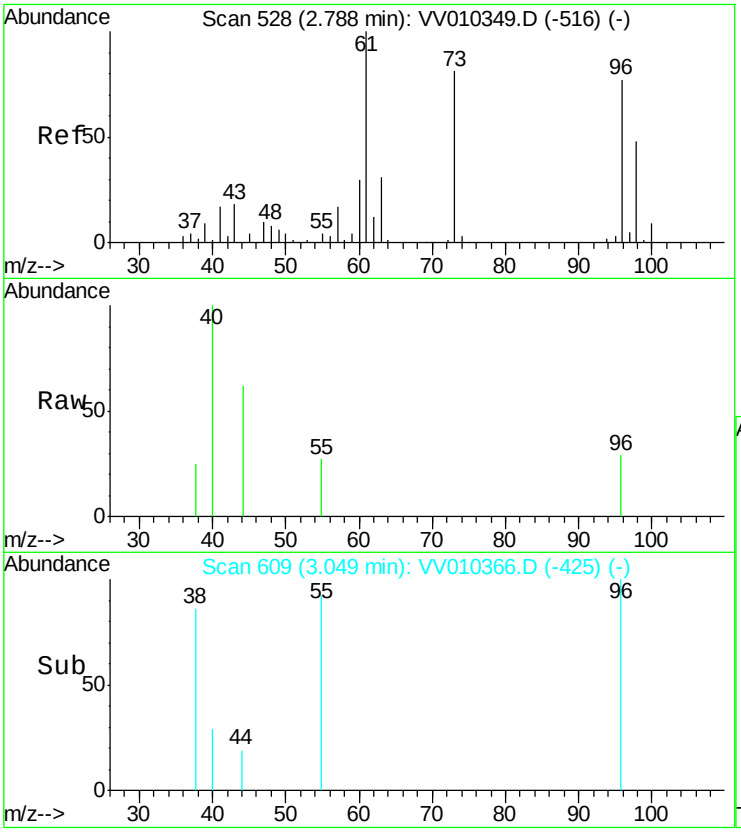


#16
Methylene chloride
Concen: 46.979 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 84 Resp: 1506

Ion	Ratio	Lower	Upper
84	100		
49	95.6	83.8	155.6
86	73.3	46.1	85.5



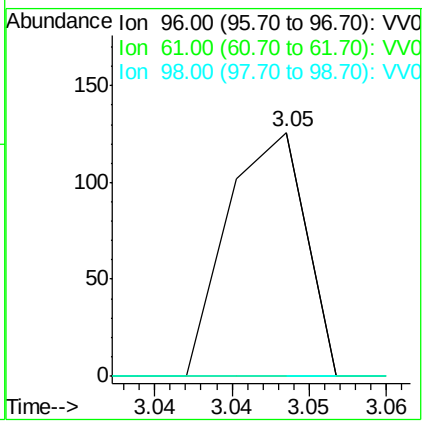


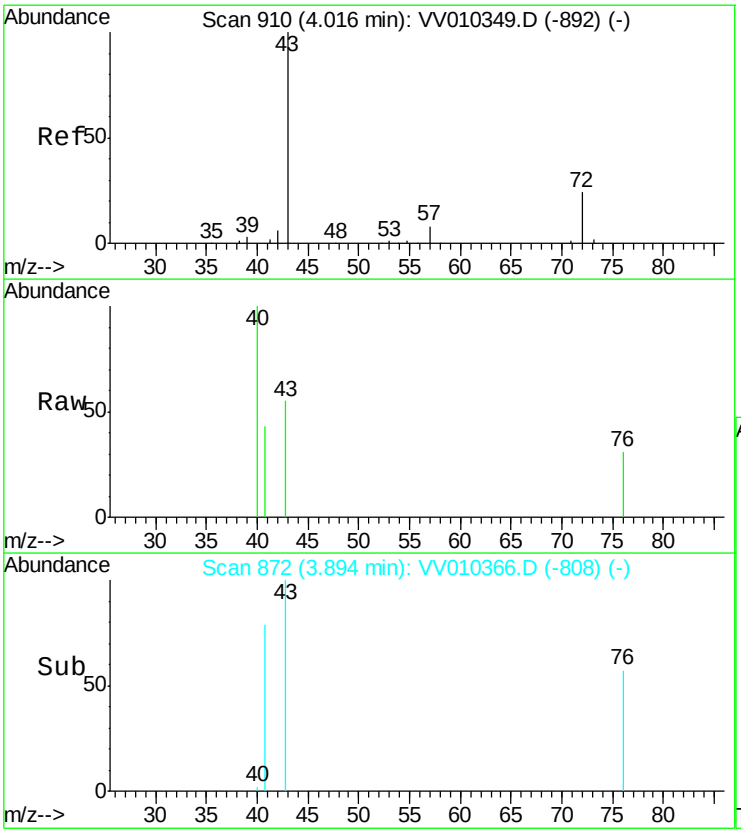
#18
trans-1,2-Dichloroethene
Concen: 1.779 ug/L
RT: 3.05 min Scan# 609
Delta R.T. 0.26 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

Tgt Ion: 96 Resp: 44

Ion	Ratio	Lower	Upper
96	100		
61	0.0	96.3	178.9#
98	0.0	44.9	83.5#

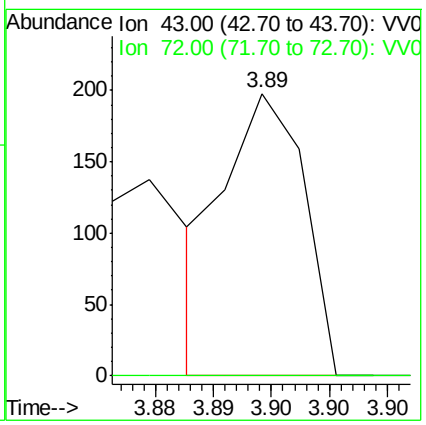


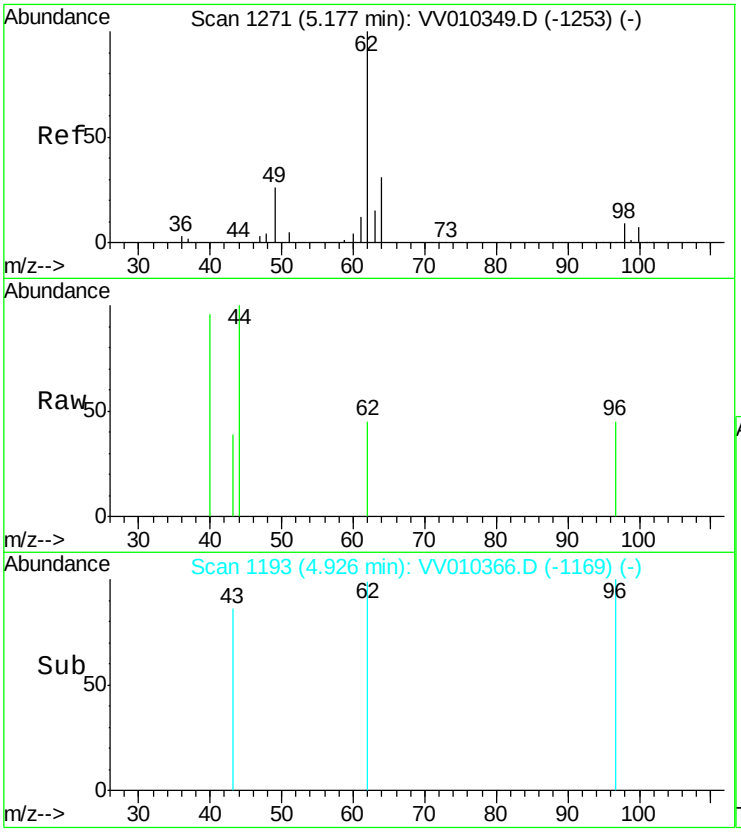


#21
2-Butanone
Concen: 10.353 ug/L
RT: 3.89 min Scan# 872
Delta R.T. -0.13 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 43 Resp: 94

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.1	39.1#



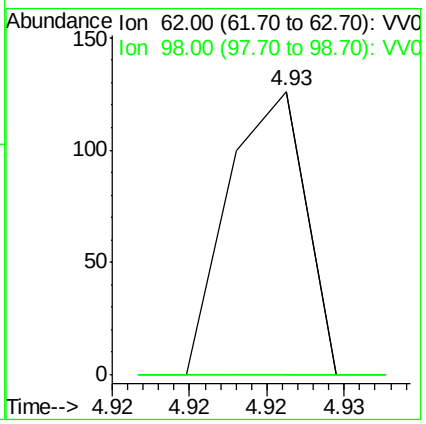


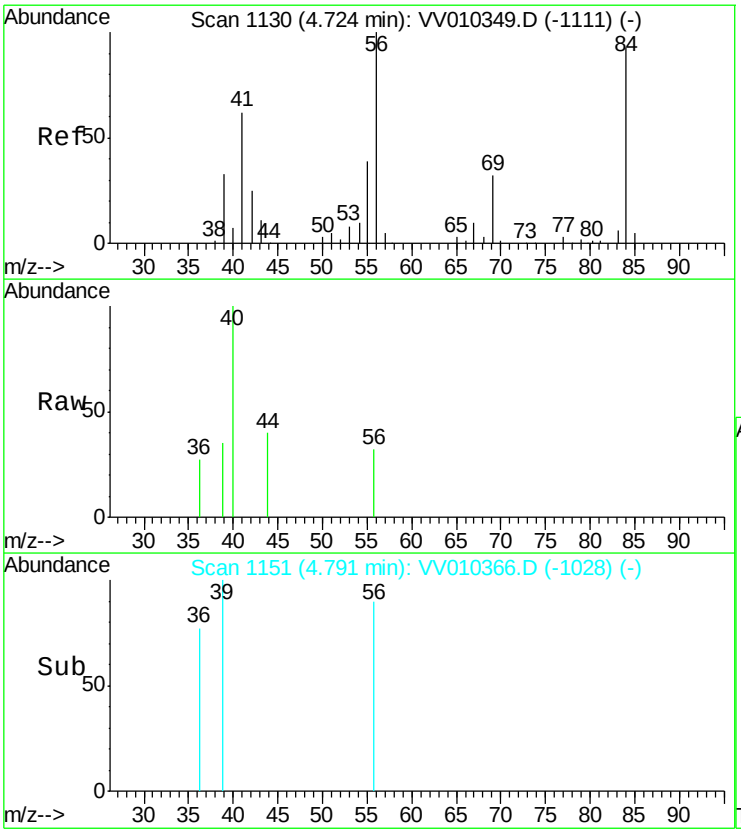
#27
1,2-Dichloroethane
Concen: 1.251 ug/L
RT: 4.93 min Scan# 1193
Delta R.T. -0.25 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Tgt Ion: 62 Resp: 44

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.8	10.2#

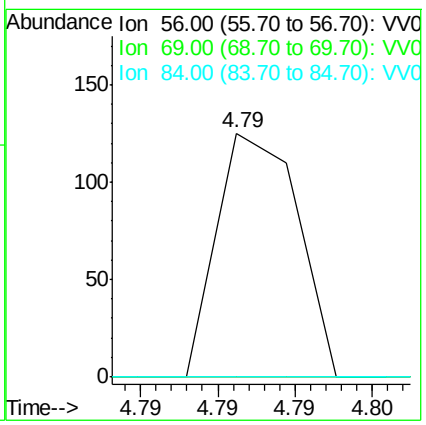


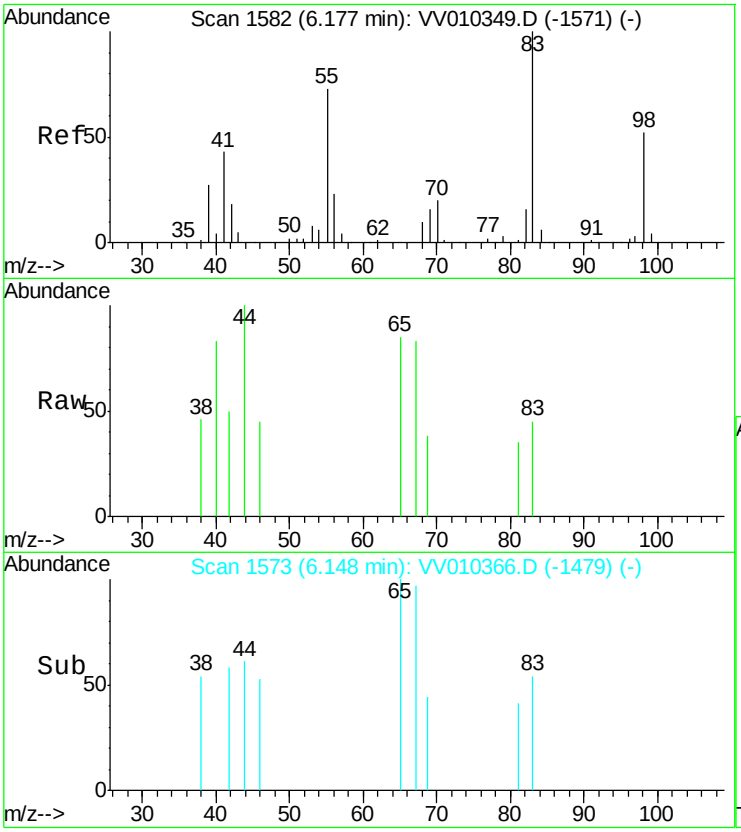


#30
Cyclohexane
Concen: 0.782 ug/L
RT: 4.79 min Scan# 1151
Delta R.T. 0.06 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 56 Resp: 45

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.3	37.9#
84	0.0	73.0	109.4#



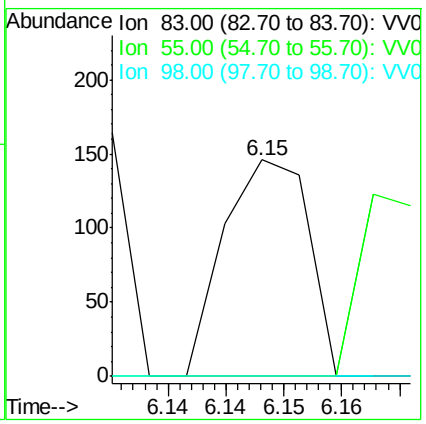


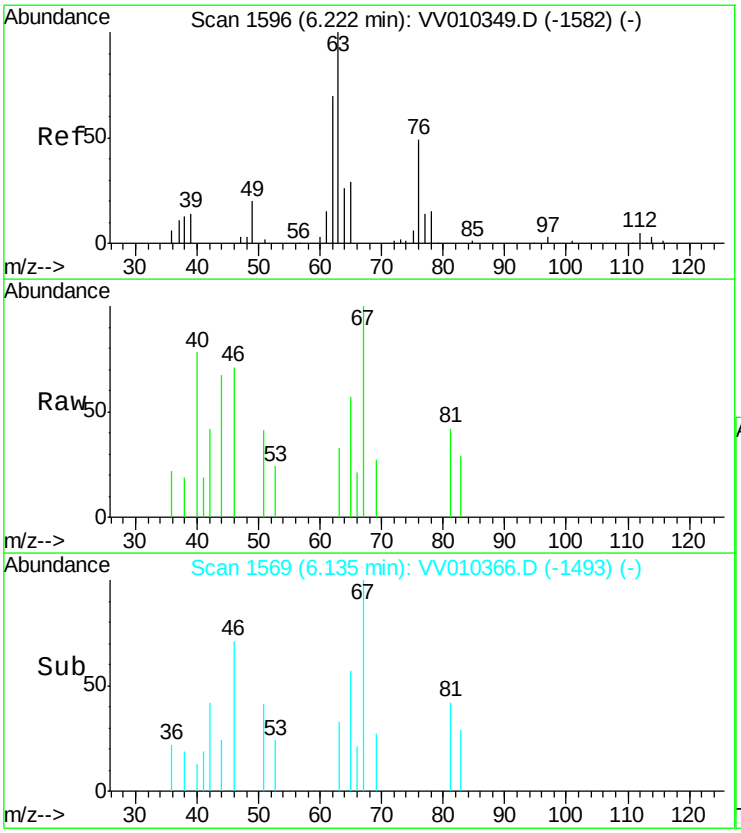
#36
Methylcyclohexane
Concen: 1.121 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument : MSVOA_V
ClientSampleId : GAHJ3

Tgt Ion: 83 Resp: 74

Ion	Ratio	Lower	Upper
83	100		
55	62.2	55.9	83.9
98	0.0	37.3	55.9#

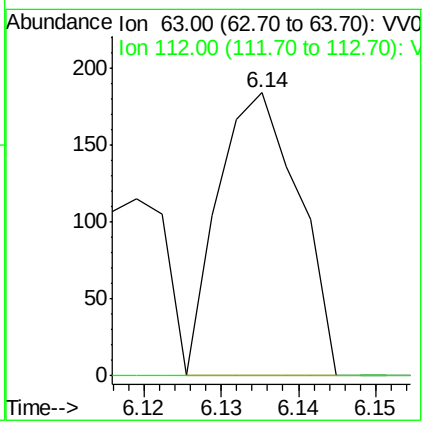


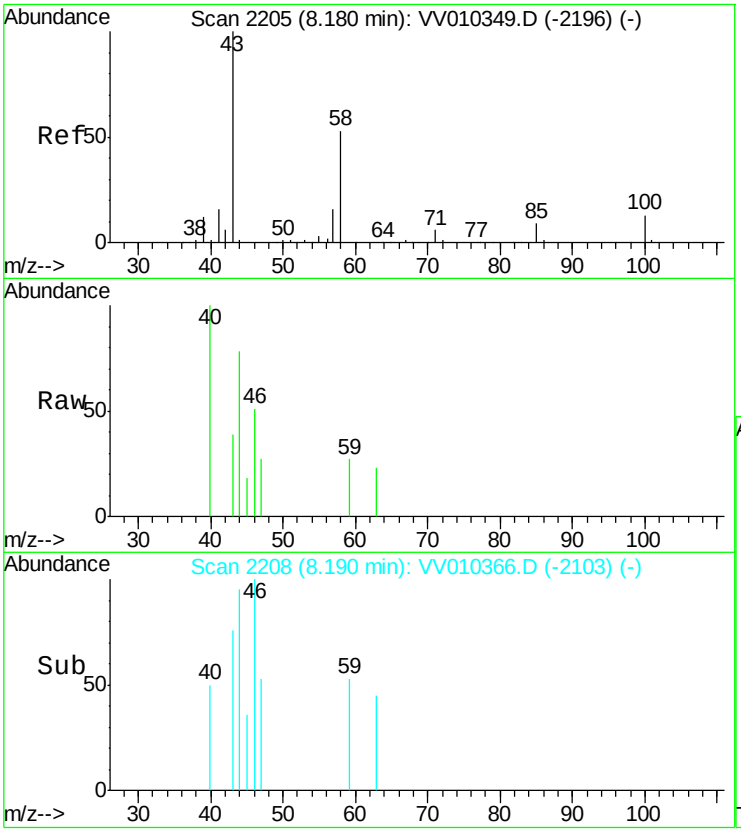


#40
1,2-Dichloropropane
Concen: 3.410 ug/L
RT: 6.14 min Scan# 1569
Delta R.T. -0.09 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 63 Resp: 134

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



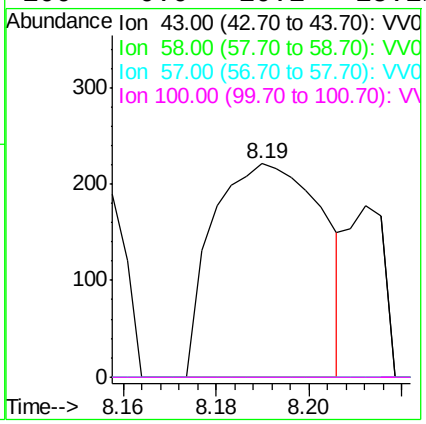


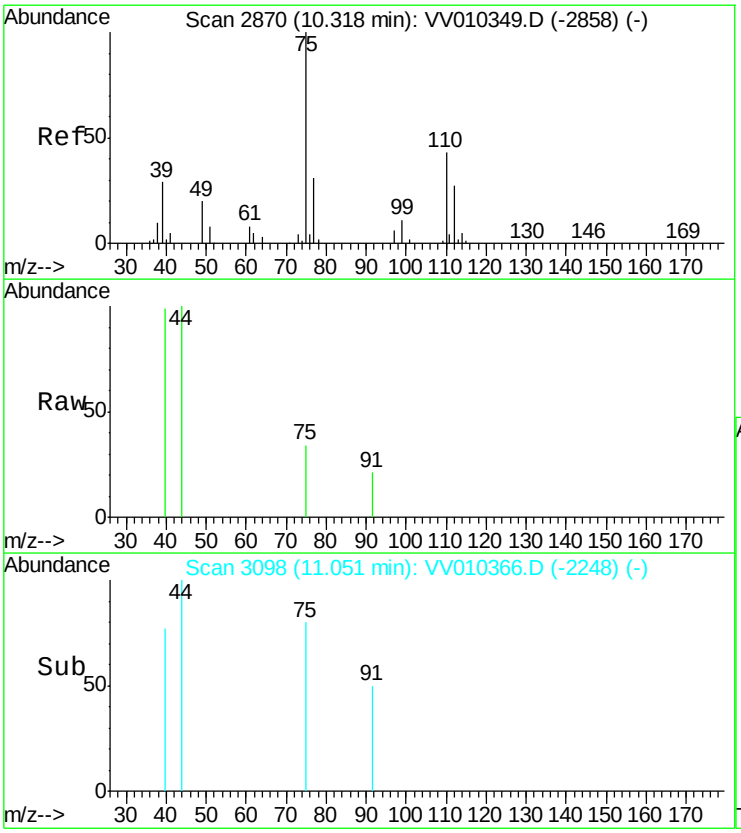
#49
2-Hexanone
Concen: 16.844 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

Tgt Ion: 43 Resp: 362

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.9	67.3#
57	0.0	15.8	23.6#
100	0.0	10.1	15.1#

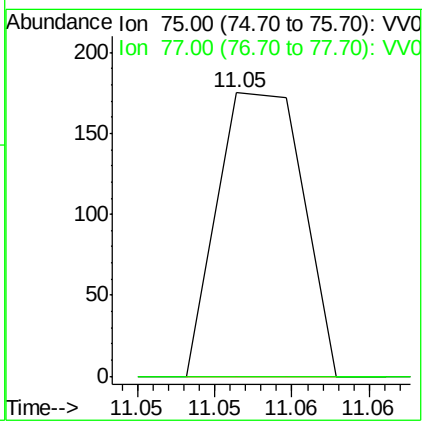


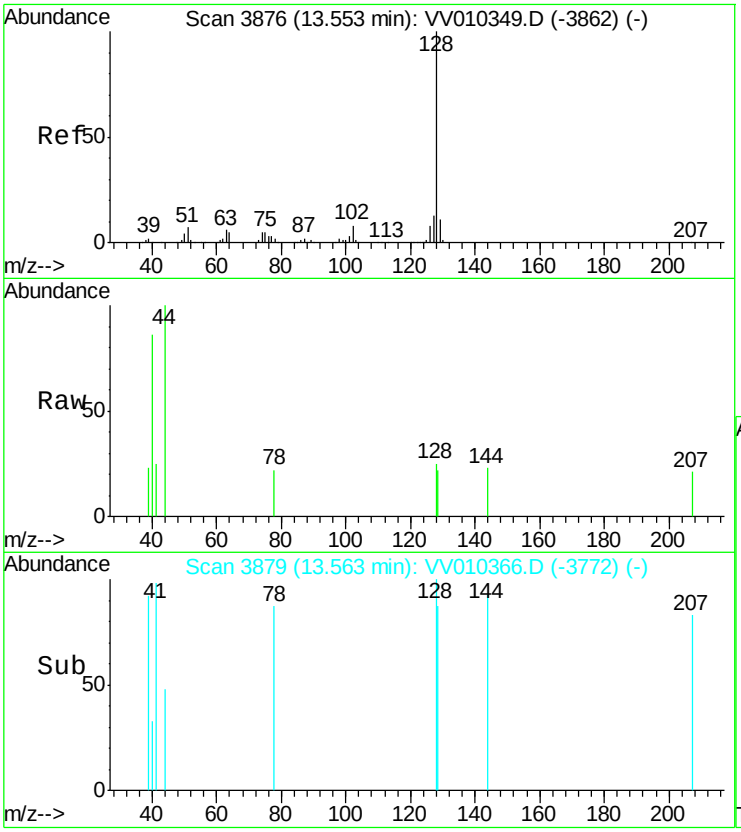


#59
1,2,3-Trichloropropane
Concen: 2.021 ug/L
RT: 11.05 min Scan# 3098
Delta R.T. 0.73 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#





#69
Naphthalene
Concen: 1.172 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV010366.D
Acq: 18 Apr 2019 23:06

Instrument :
MSVOA_V
ClientSampleId :
GAHJ3

Tgt Ion:128 Resp: 97

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.7	16.1#