Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010374.D
Acq On : 19 Apr 2019 05:59
Operator : SY/MD
Sample : K2402-11
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Quant Time: Apr 19 09:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 09:02:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	72	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	404	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.36	65	76	83.13	ug/L	0.05
Spiked Amount 25.000	Range 30 - 150		Recovery = 332.52%#			
7) Chloroethane-d5	1.52	69	50	65.11	ug/L	-0.05
Spiked Amount 25.000	Range 30 - 150		Recovery = 260.44%#			
10) 1,1-Dichloroethene-d2	1.82	63	48	21.76	ug/L	-0.31
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.04%			
20) 2-Butanone-d5	3.94	46	756	2655.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 5310.38%#			
24) Chloroform-d	4.41	84	170	89.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 359.24%#			
26) 1,2-Dichloroethane-d4	5.08	65	561	502.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 2008.24%#			
29) Benzene-d6	5.11	84	262	13.40	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 53.60%			
33) 1,2-Dichloropropane-d6	6.12	67	43	7.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 30.04%#			
37) Toluene-d8	7.36	98	196	10.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 41.72%			
38) trans-1,3-Dichloropropene-	7.80	79	85	30.20	ug/L	0.14
Spiked Amount 25.000	Range 30 - 135		Recovery = 120.80%			
39) 2-Hexanone-d5	8.14	63	625	490.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 981.00%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2476	432.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 1730.44%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	399	25.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.48%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	218	229.685	ug/L #	50
5) Vinyl chloride	1.30	62	74	74.634	ug/L #	1
6) Bromomethane	1.58	94	47	74.109	ug/L	98
8) Chloroethane	1.60	64	273	432.009	ug/L #	44
9) Trichlorofluoromethane	1.76	101	40	19.643	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	44	47.042	ug/L #	1
13) Acetone	2.19	43	1074	3574.263	ug/L	69
14) Carbon disulfide	2.31	76	139	60.247	ug/L #	75
15) Methyl Acetate	2.44	43	44	89.710	ug/L #	47
16) Methylene chloride	2.53	84	1007	875.632	ug/L	83
21) 2-Butanone	4.09	43	62	190.341	ug/L #	49
25) Chloroform	4.40	83	54	30.573	ug/L #	17
30) Cyclohexane	4.68	56	73	10.427	ug/L #	1
40) 1,2-Dichloropropane	6.00	63	43	8.994	ug/L #	86
43) 4-Methyl-2-pentanone	7.31	43	46	12.315	ug/L #	1
49) 2-Hexanone	8.20	43	48	18.358	ug/L #	37
53) Ethylbenzene	9.18	91	195	8.167	ug/L #	42

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010374.D
Acq On : 19 Apr 2019 05:59
Operator : SY/MD
Sample : K2402-11
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Quant Time: Apr 19 09:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 09:02:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) o-xylene	9.59	106	84	9.424	ug/L	#	23
59) 1,2,3-Trichloropropane	10.67	75	43	10.662	ug/L	#	1
63) 1,3-Dichlorobenzene	11.23	146	49	1.989	ug/L	#	25
64) 1,4-Dichlorobenzene	11.23	146	49	1.929	ug/L	#	25
67) 1,3,5-Trichlorobenzene	12.69	180	112	5.465	ug/L	#	42
68) 1,2,4-trichlorobenzene	13.31	180	41	2.504	ug/L	#	1
69) Naphthalene	13.55	128	1946839	64371.645	ug/L		100
70) 1,2,3-Trichlorobenzene	13.80	180	124	7.792	ug/L	#	92

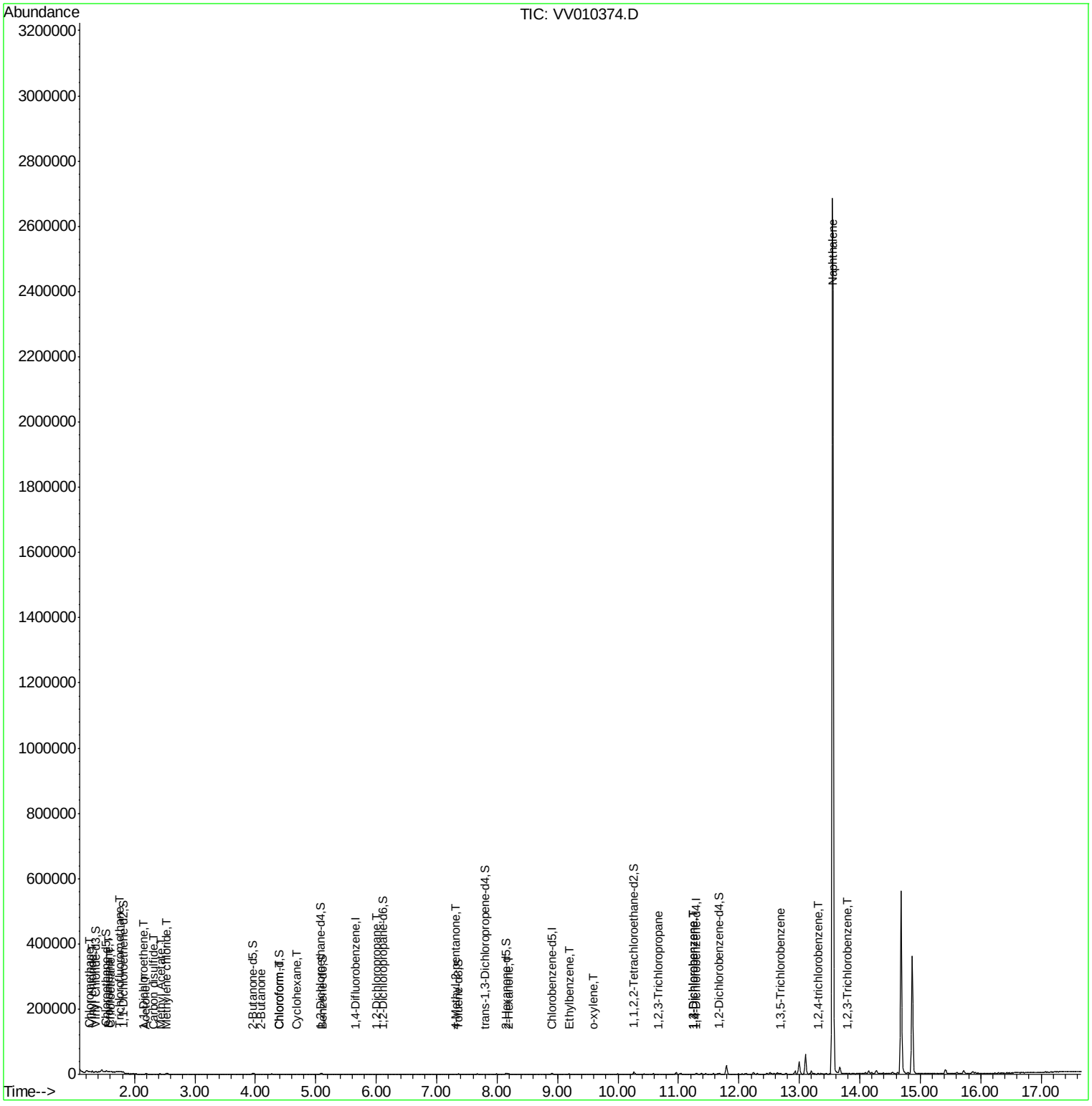
(#) = qualifier out of range (m) = manual integration (+) = signals summed

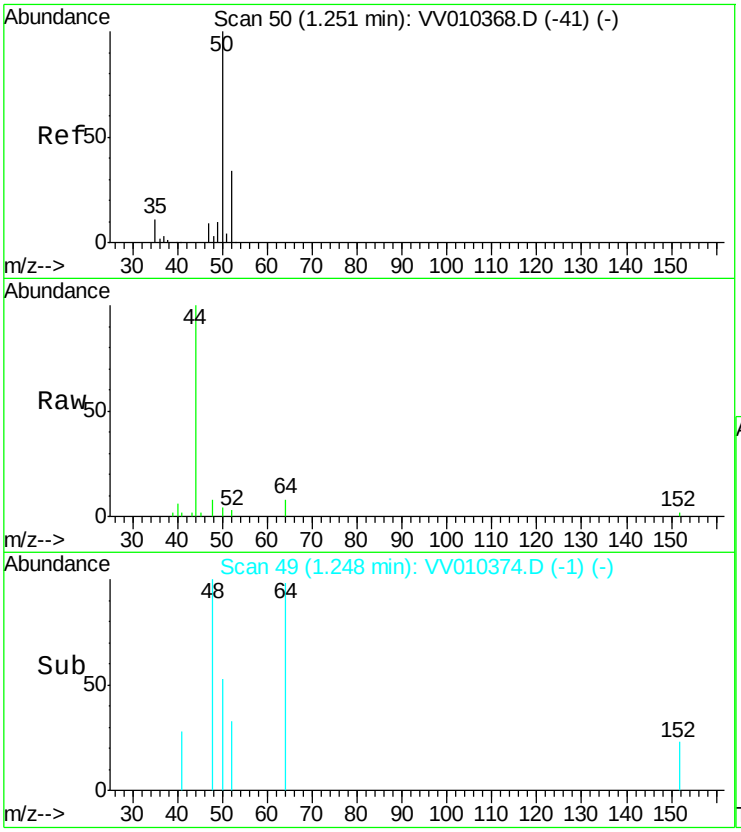
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
Data File : VV010374.D
Acq On : 19 Apr 2019 05:59
Operator : SY/MD
Sample : K2402-11
Misc : 5.06G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Quant Time: Apr 19 09:23:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 09:02:02 2019
Response via : Initial Calibration



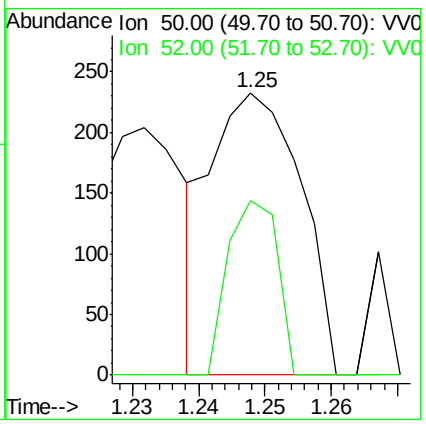


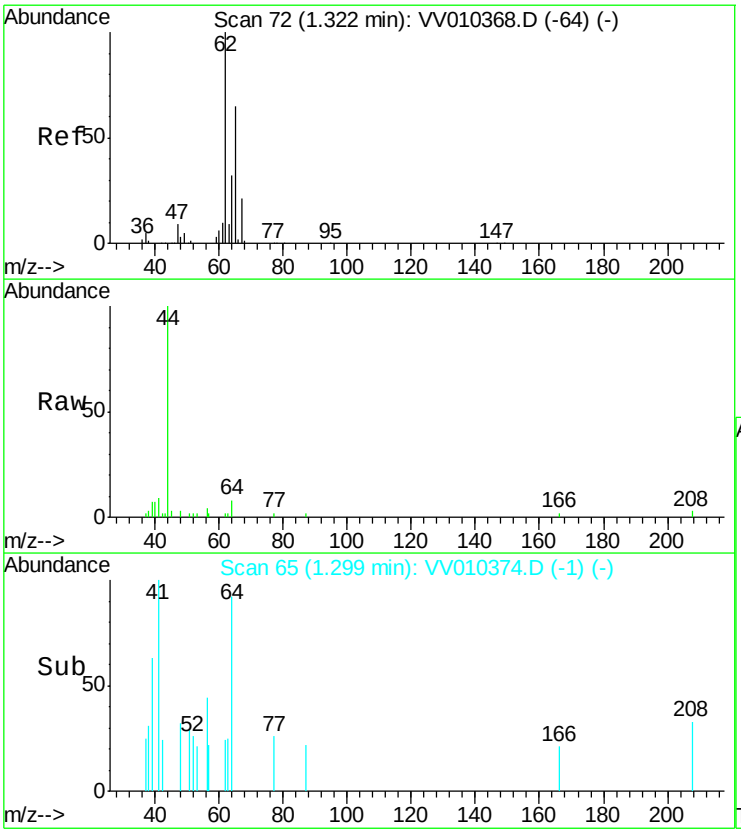
#3
Chloromethane
Concen: 229.685 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion: 50 Resp: 218

Ion	Ratio	Lower	Upper
50	100		
52	61.8	23.2	43.2#

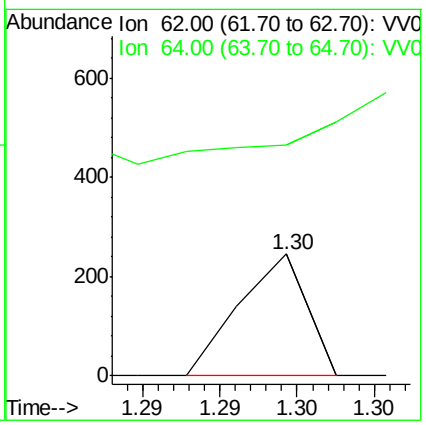


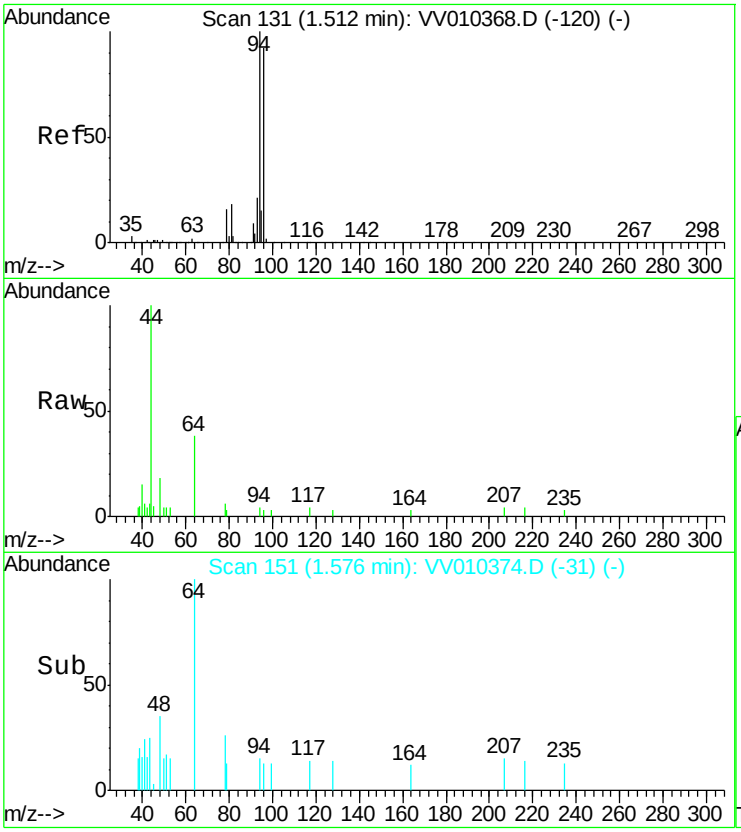


#5
Vinyl chloride
Concen: 74.634 ug/L
RT: 1.30 min Scan# 65
Delta R.T. -0.02 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 62 Resp: 74

Ion	Ratio	Lower	Upper
62	100		
64	189.4	23.9	44.3#



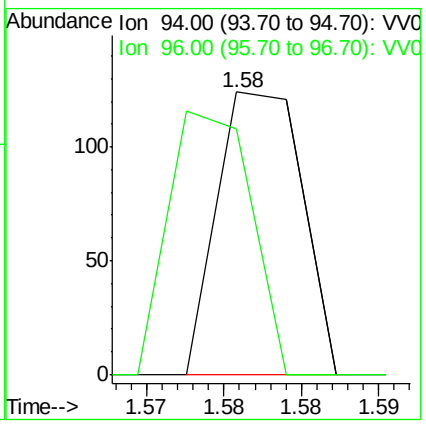


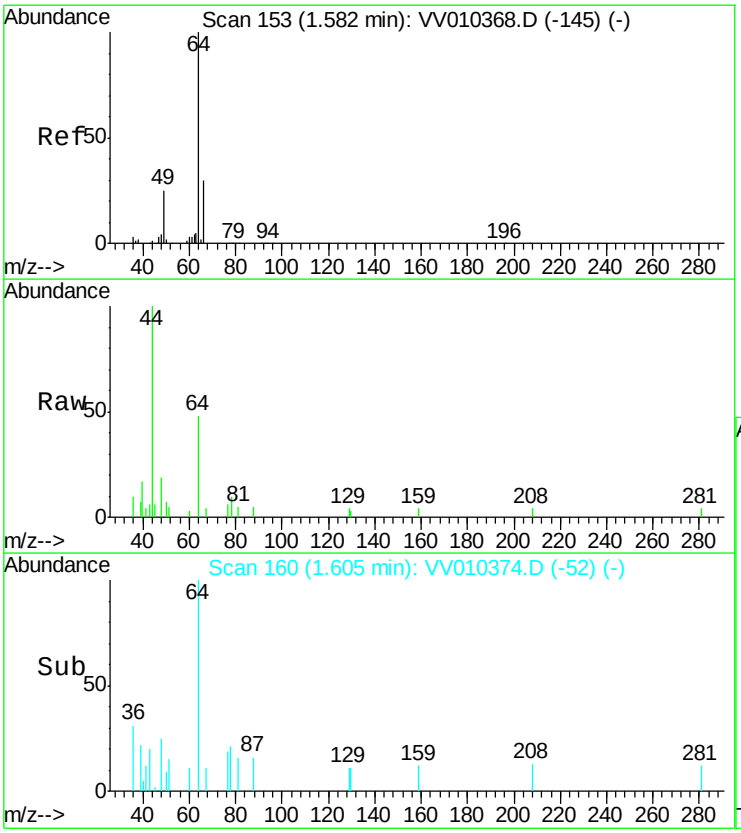
#6
Bromomethane
Concen: 74.109 ug/L
RT: 1.58 min Scan# 151
Delta R.T. 0.05 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion: 94 Resp: 47

Ion	Ratio	Lower	Upper
94	100		
96	91.5	9.3	177.1

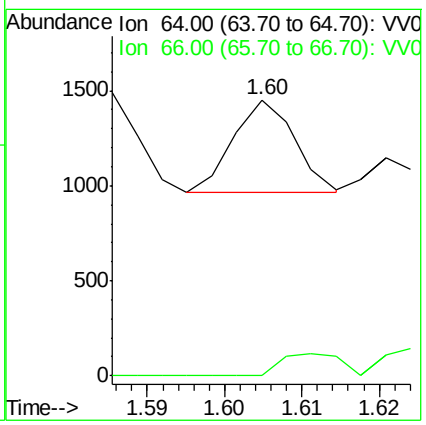


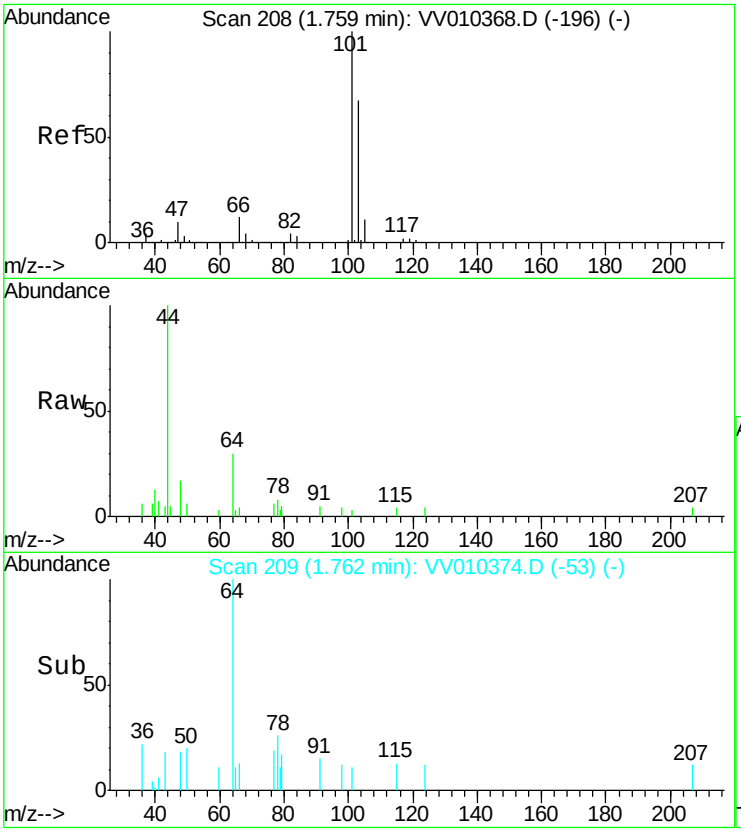


#8
Chloroethane
Concen: 432.009 ug/L
RT: 1.60 min Scan# 160
Delta R.T. 0.02 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 64 Resp: 273

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.4	39.8#



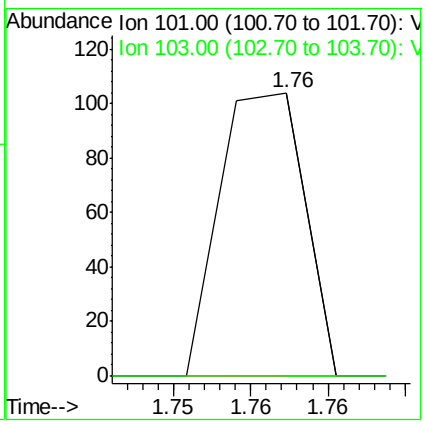


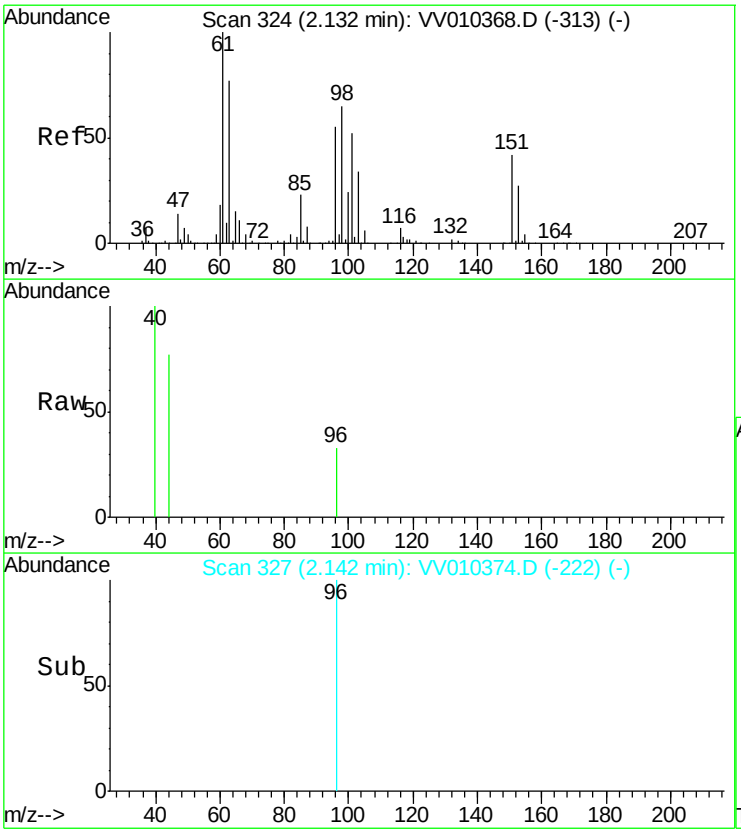
#9
Trichlorofluoromethane
Concen: 19.643 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion:101 Resp: 40

Ion	Ratio	Lower	Upper
101	100		
103	187.5	45.5	84.5#

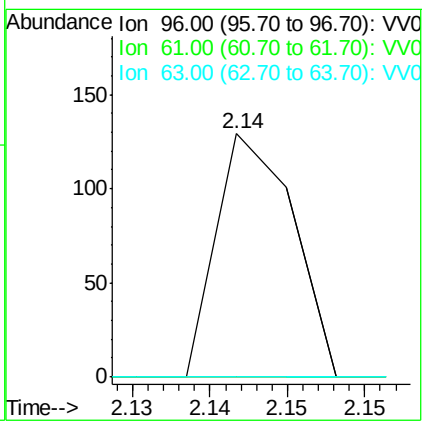


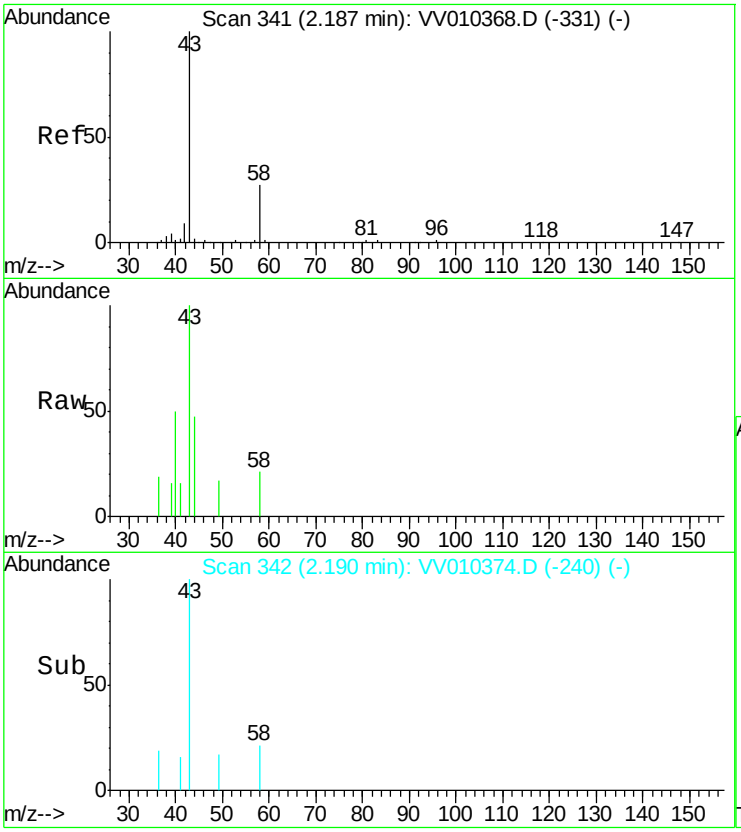


#12
1,1-Dichloroethene
Concen: 47.042 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.01 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 96 Resp: 44

Ion	Ratio	Lower	Upper
96	100		
61	0.0	124.7	231.5#
63	0.0	88.7	164.7#



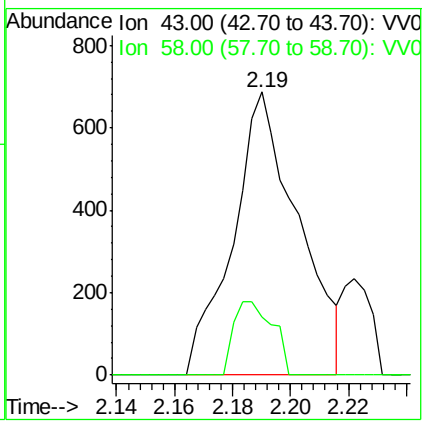


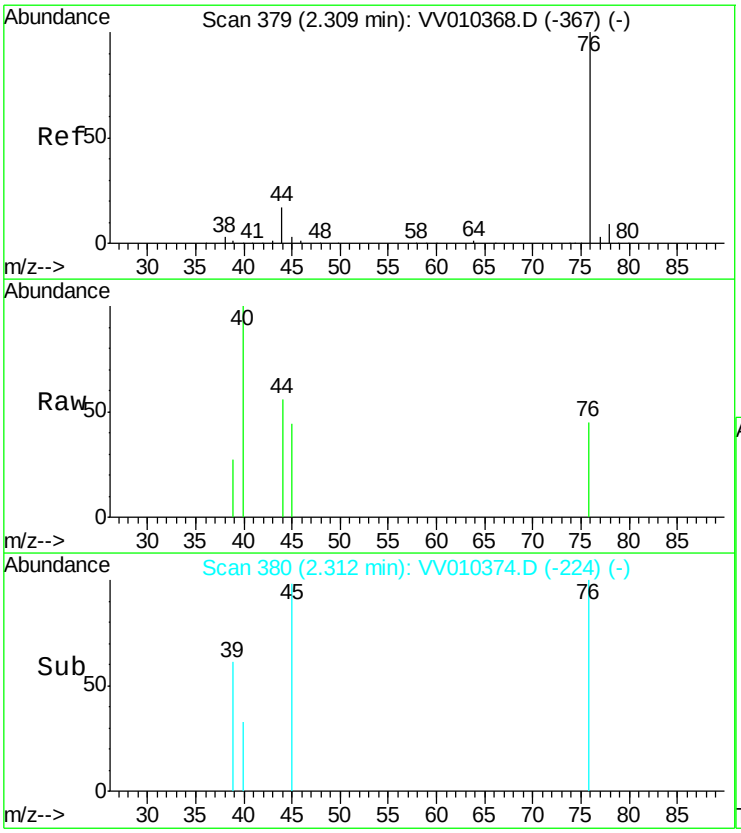
#13
Acetone
Concen: 3574.263 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
58	13.4	0.0	60.0

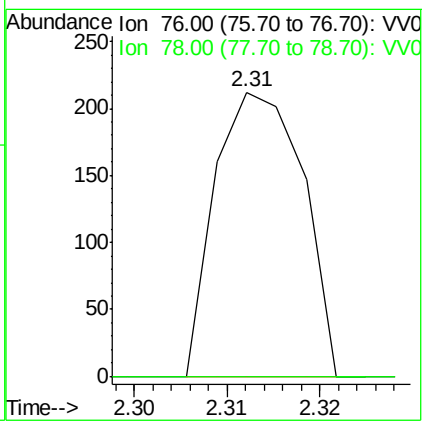


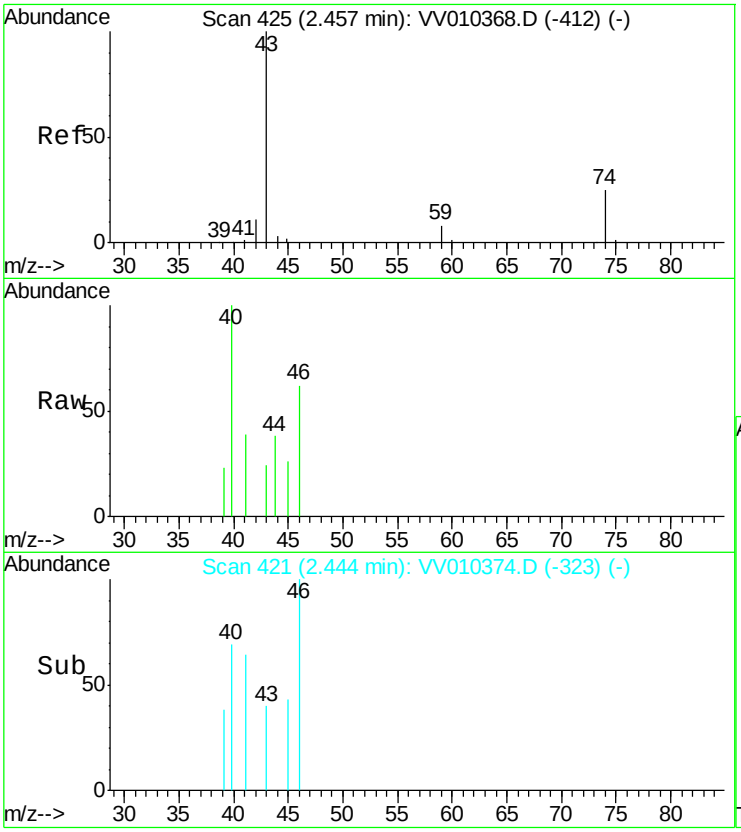


#14
Carbon disulfide
Concen: 60.247 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 76 Resp: 139

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



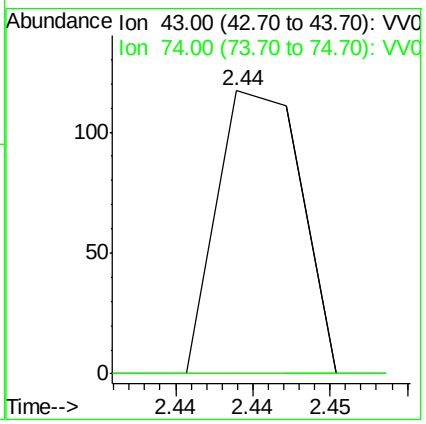


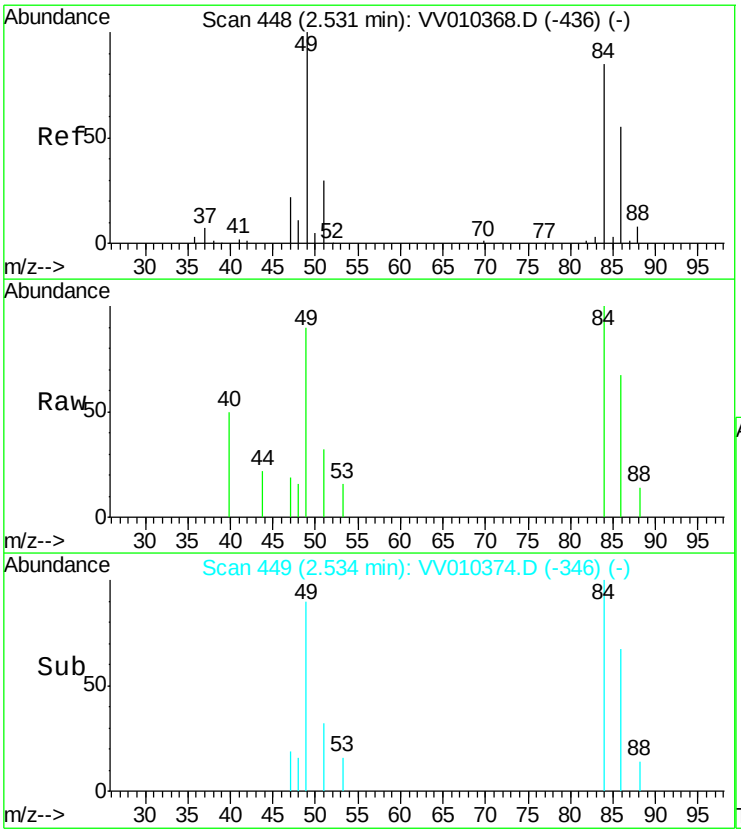
#15
Methyl Acetate
Concen: 89.710 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.02 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Tgt Ion: 43 Resp: 44

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.1	33.1#

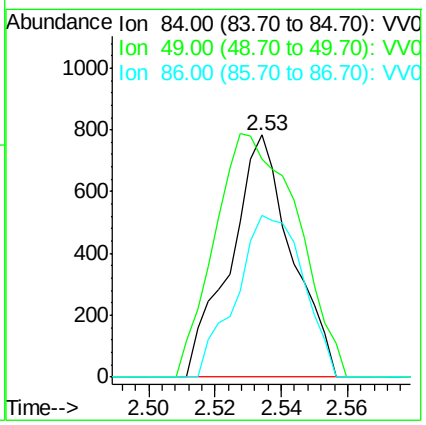


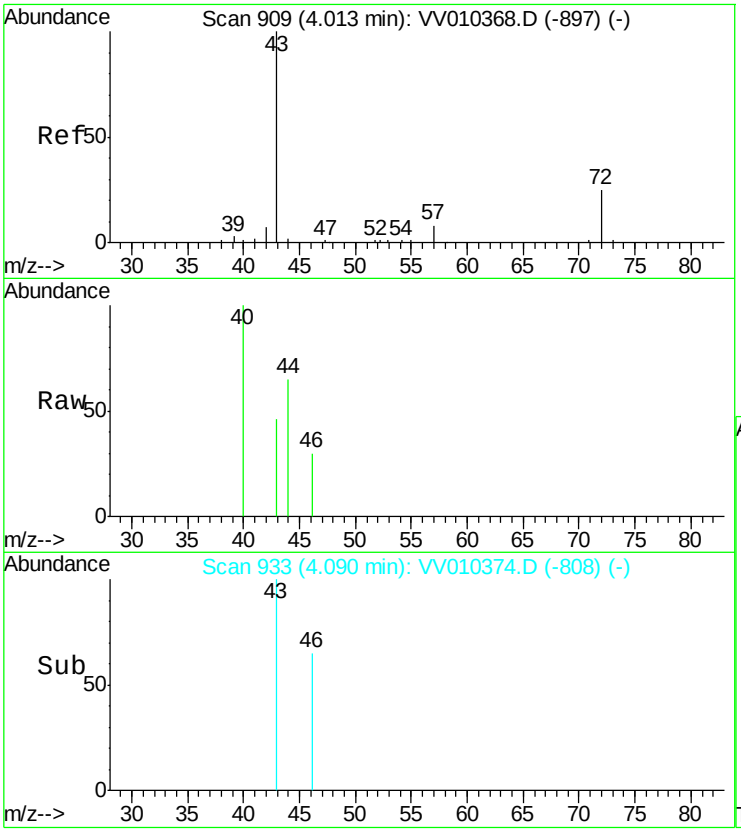


#16
Methylene chloride
Concen: 875.632 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 84 Resp: 1007

Ion	Ratio	Lower	Upper
84	100		
49	90.3	83.8	155.6
86	66.7	46.1	85.5



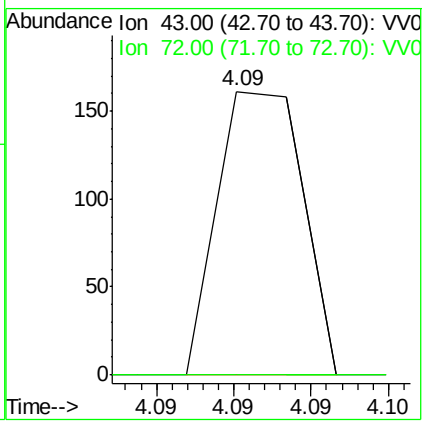


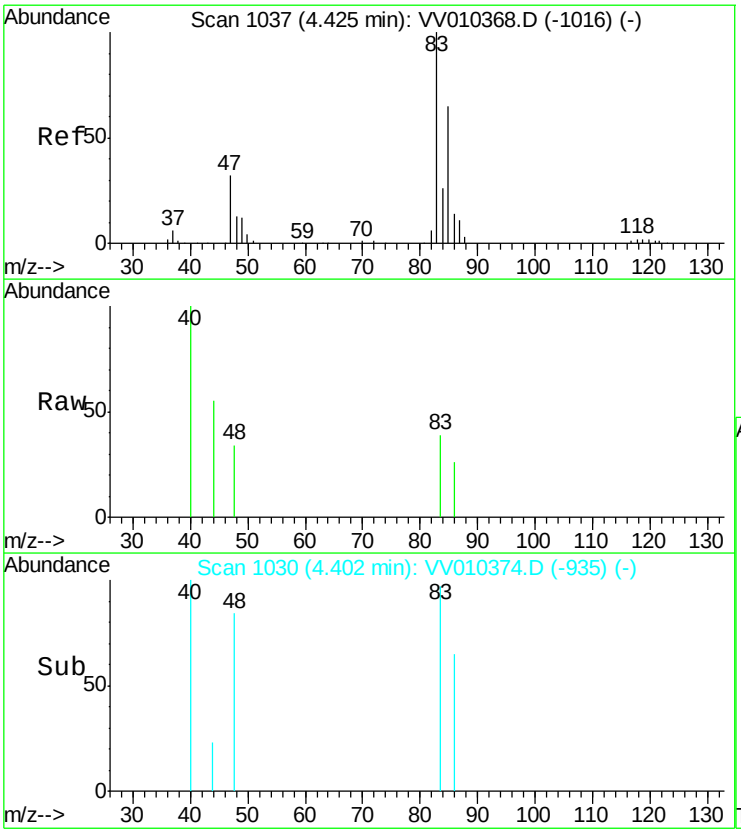
#21
2-Butanone
Concen: 190.341 ug/L
RT: 4.09 min Scan# 933
Delta R.T. 0.07 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.1	39.1#

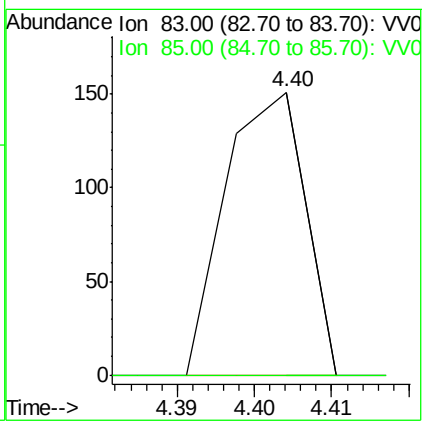


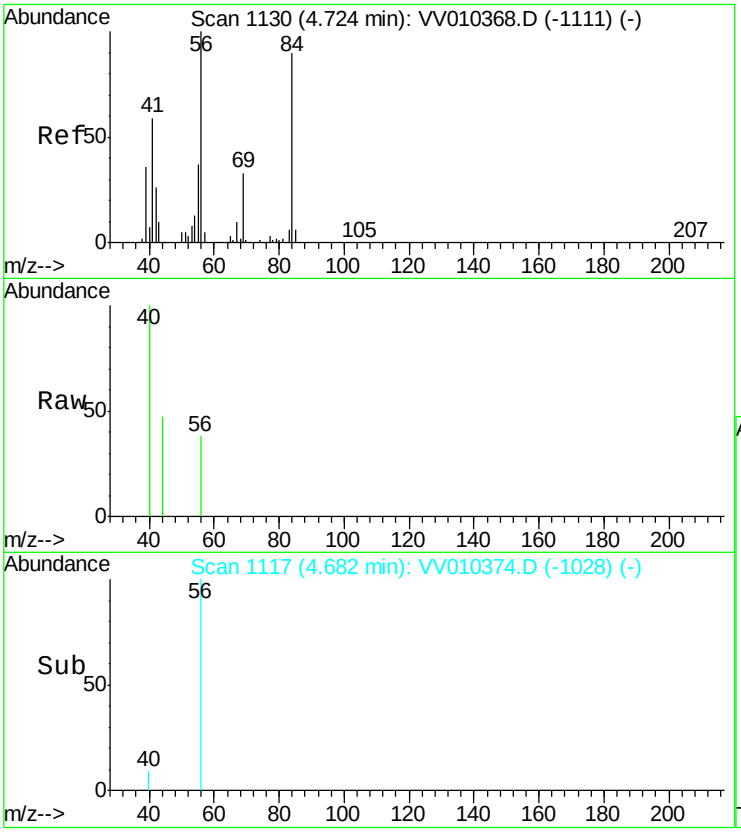


#25
Chloroform
Concen: 30.573 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.03 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 83 Resp: 54

Ion	Ratio	Lower	Upper
83	100		
85	0.0	46.5	86.5#



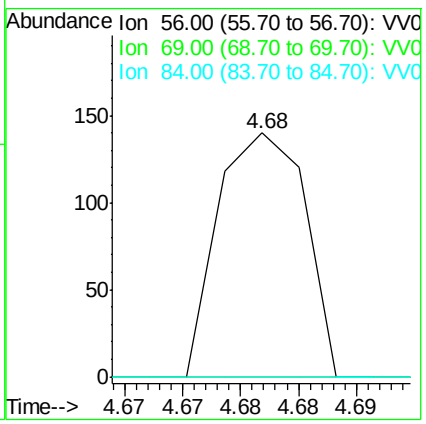


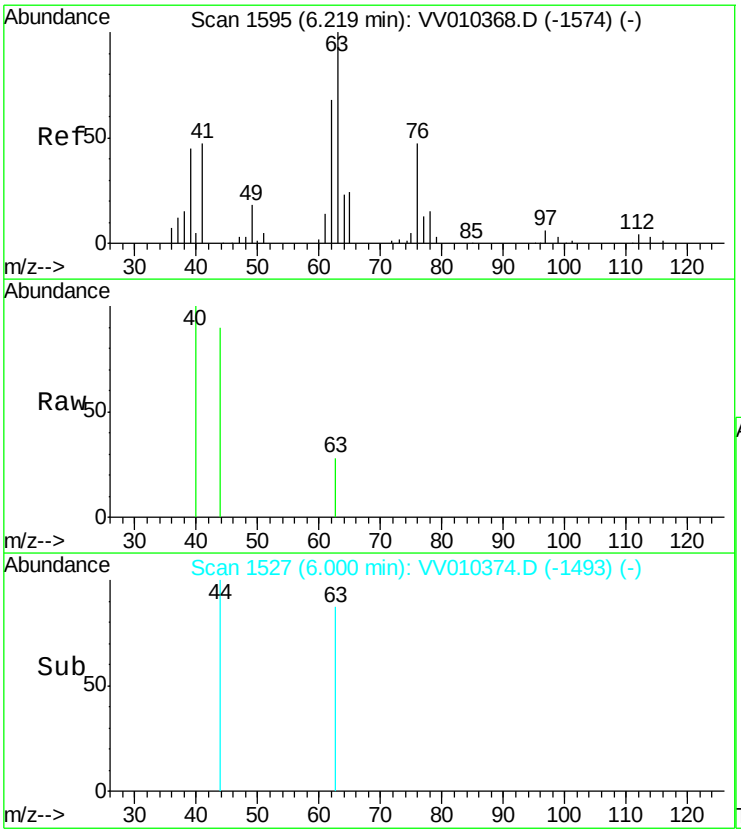
#30
Cyclohexane
Concen: 10.427 ug/L
RT: 4.68 min Scan# 1117
Delta R.T. -0.04 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Tgt Ion: 56 Resp: 73

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.3	37.9#
84	232.9	73.0	109.4#

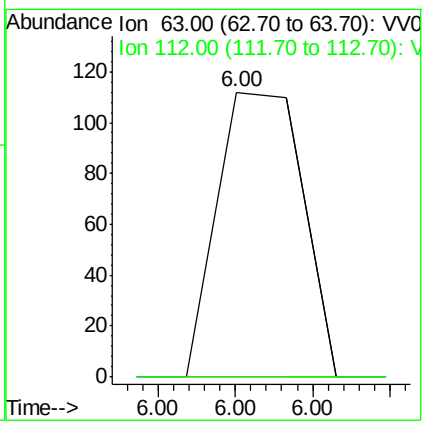


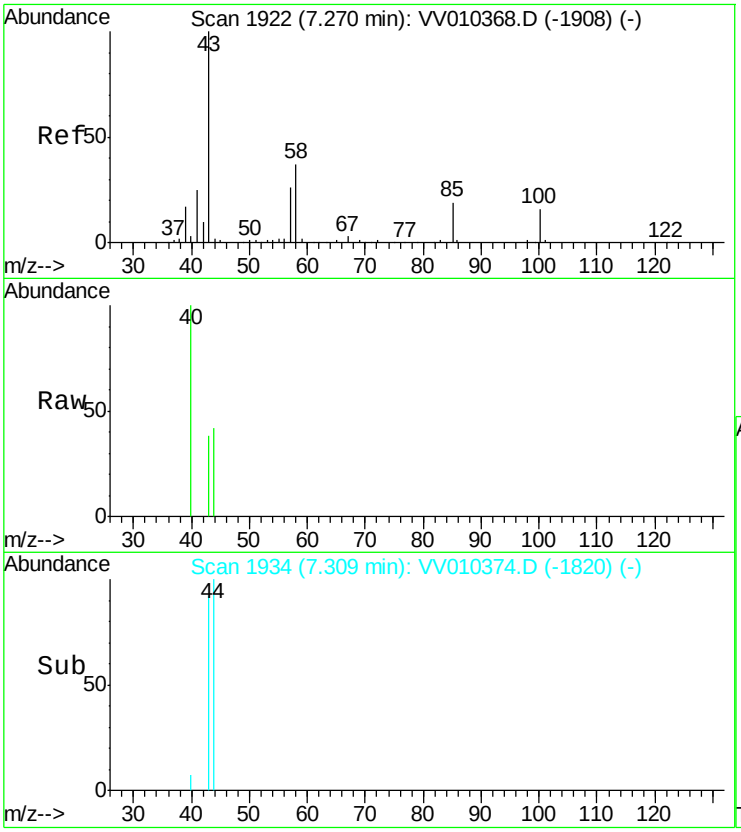


#40
1,2-Dichloropropane
Concen: 8.994 ug/L
RT: 6.00 min Scan# 1527
Delta R.T. -0.22 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 63 Resp: 43

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



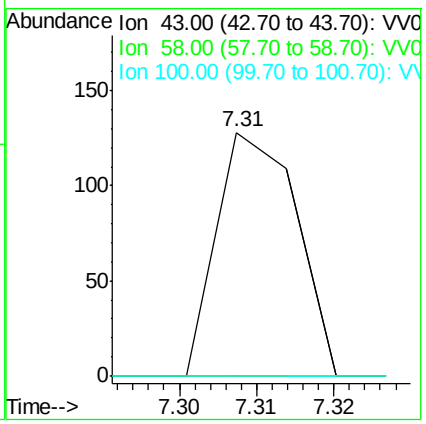


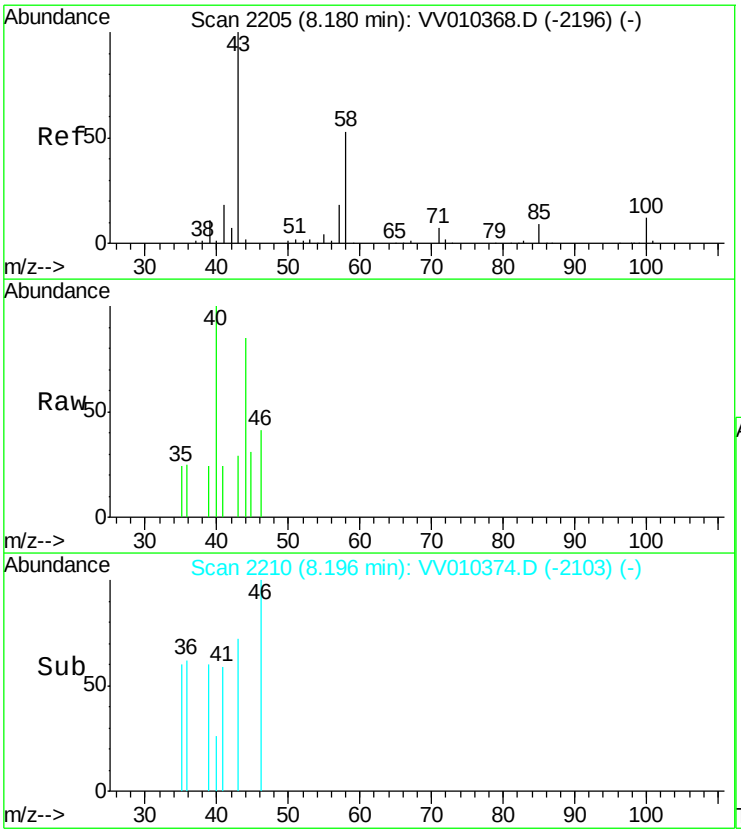
#43
4-Methyl-2-pentanone
Concen: 12.315 ug/L
RT: 7.31 min Scan# 1934
Delta R.T. 0.04 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion: 43 Resp: 46

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.0	45.0#
100	515.2	12.6	19.0#

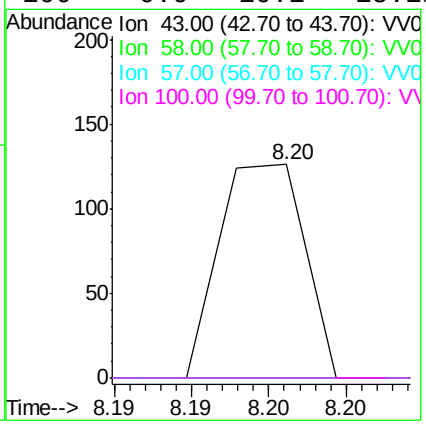


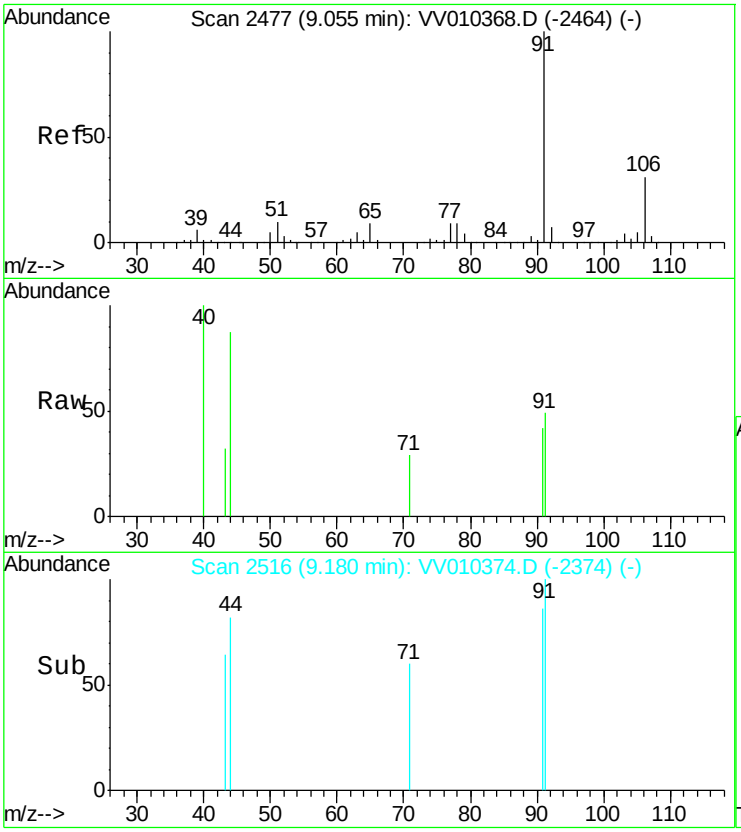


#49
2-Hexanone
Concen: 18.358 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion: 43 Resp: 48

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#



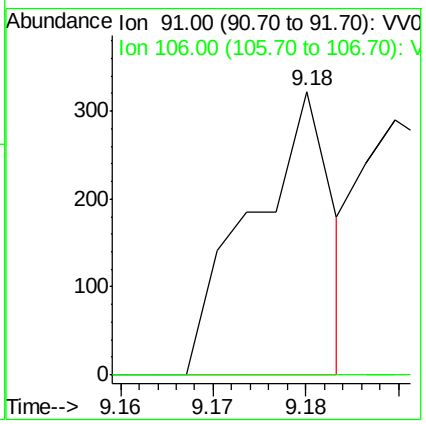


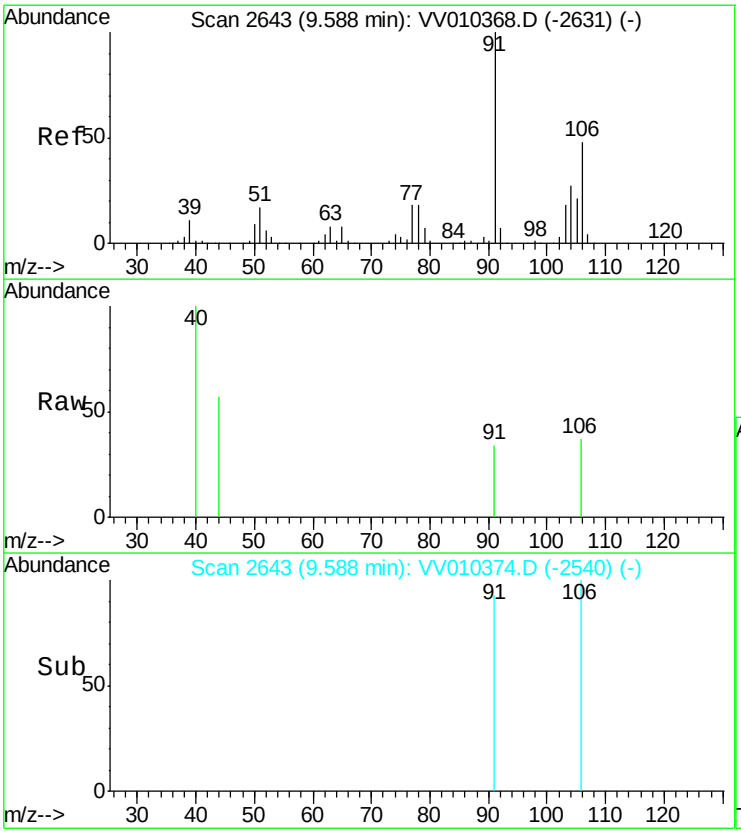
#53
Ethylbenzene
Concen: 8.167 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.13 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Tgt Ion: 91 Resp: 195

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.5	41.9#

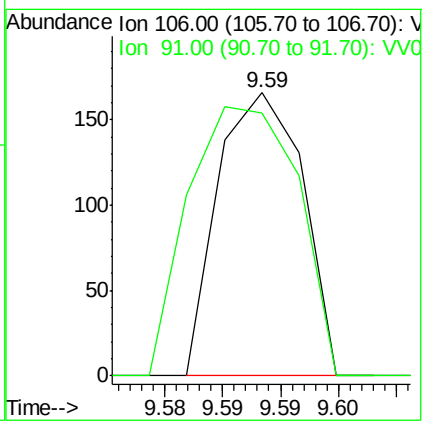


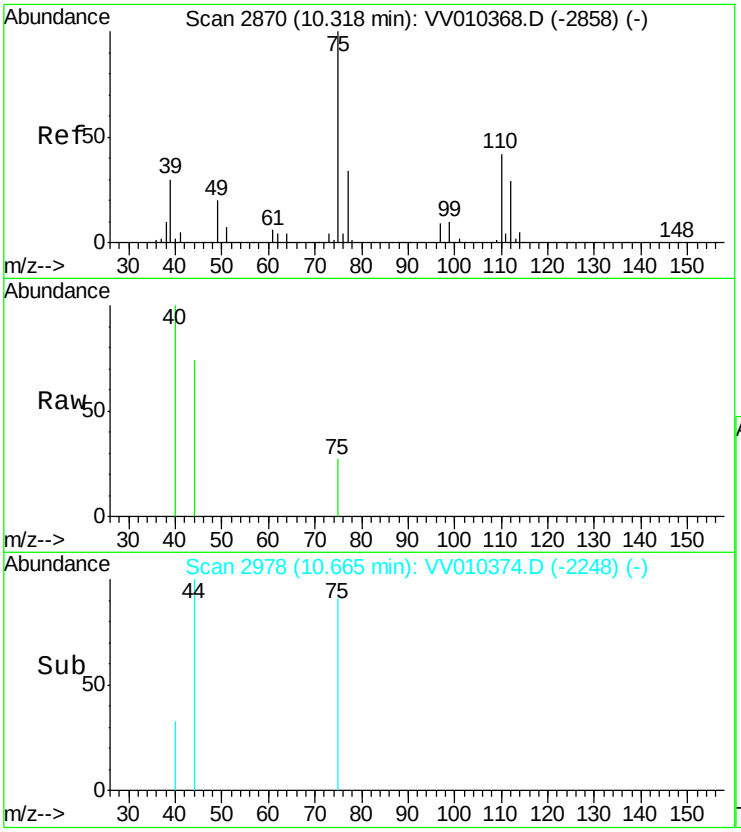


#55
o-xylene
Concen: 9.424 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion:106 Resp: 84

Ion	Ratio	Lower	Upper
106	100		
91	92.8	150.1	278.9#



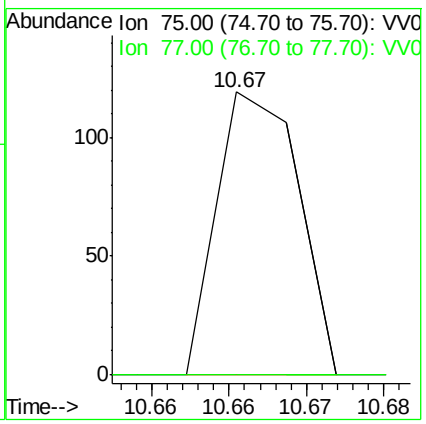


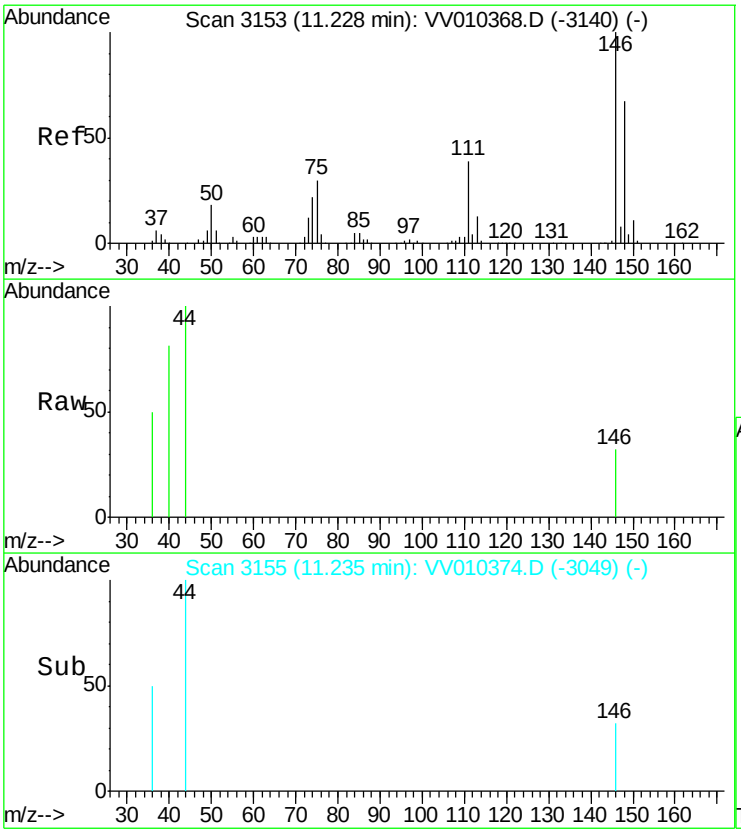
#59
1,2,3-Trichloropropane
Concen: 10.662 ug/L
RT: 10.67 min Scan# 2978
Delta R.T. 0.35 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument : MSVOA_V
ClientSampleId : GAHJ1

Tgt Ion: 75 Resp: 43

Ion	Ratio	Lower	Upper
75	100		
77	216.3	25.8	38.8#

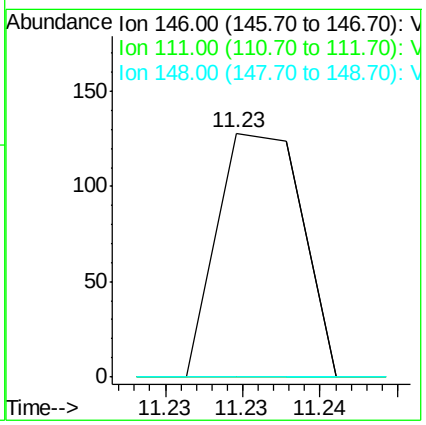


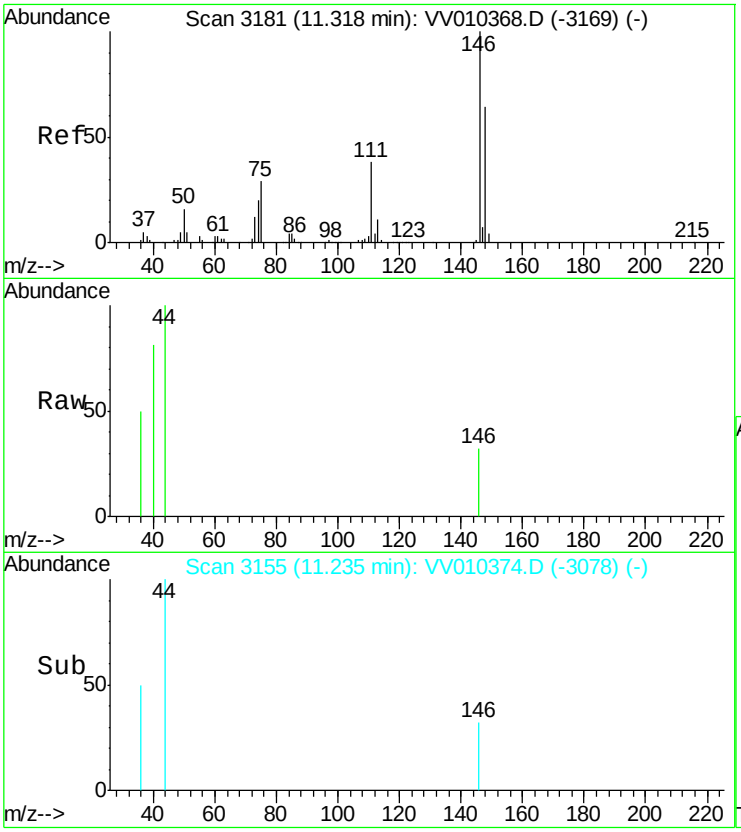


#63
1,3-Dichlorobenzene
Concen: 1.989 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. 0.01 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion:146 Resp: 49

Ion	Ratio	Lower	Upper
146	100		
111	0.0	27.6	51.4#
148	0.0	45.3	84.1#



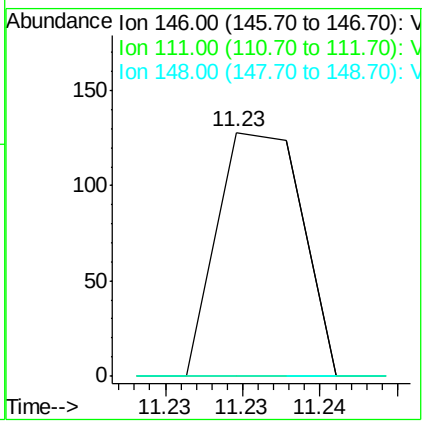


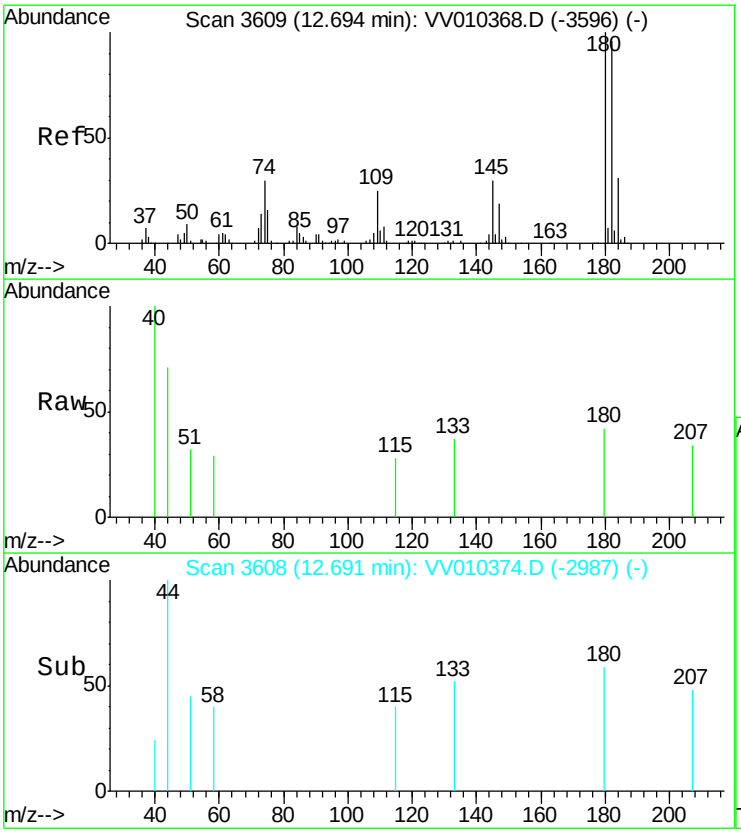
#64
1,4-Dichlorobenzene
Concen: 1.929 ug/L
RT: 11.23 min Scan# 3155
Delta R.T. -0.08 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion:146 Resp: 49

Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.4	49.0#
148	0.0	45.3	84.1#

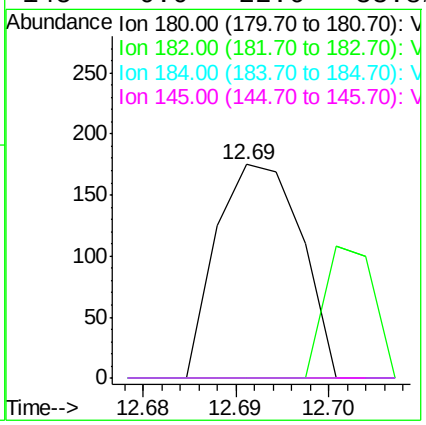


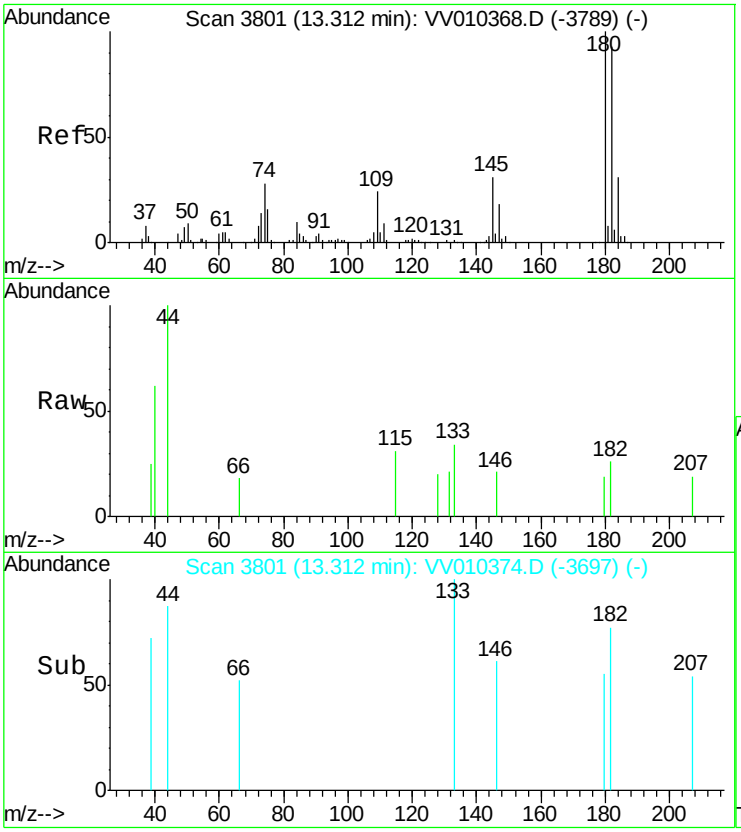


#67
1,3,5-Trichlorobenzene
Concen: 5.465 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. -0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion:180 Resp: 112

Ion	Ratio	Lower	Upper
180	100		
182	35.7	75.5	113.3#
184	0.0	23.6	35.4#
145	0.0	22.6	33.8#



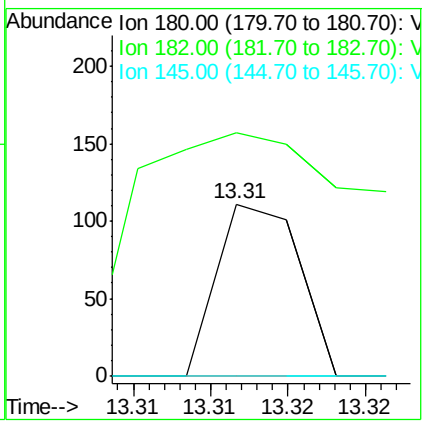


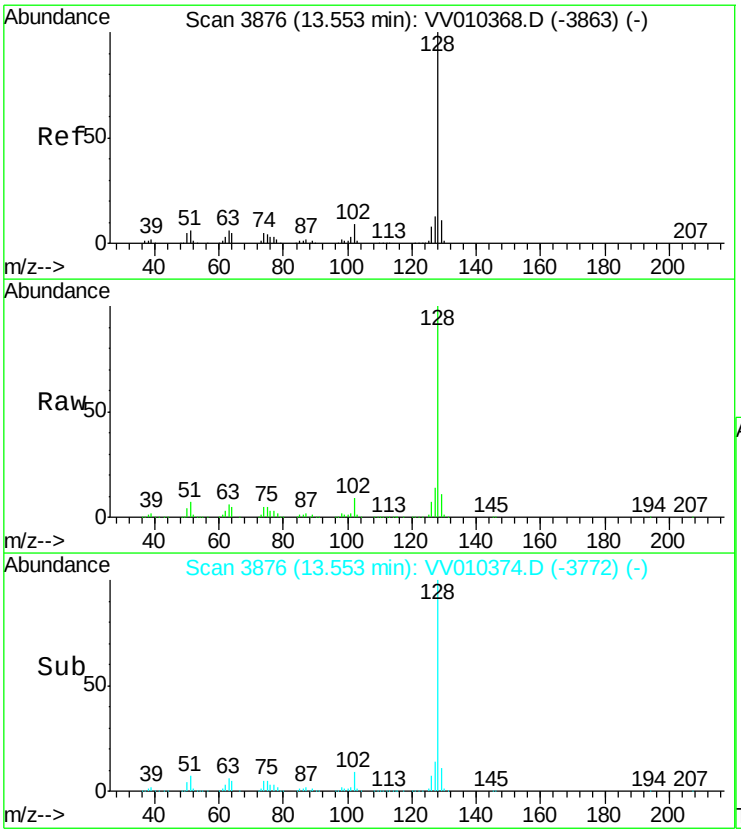
#68
1,2,4-trichlorobenzene
Concen: 2.504 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion:180 Resp: 41

Ion	Ratio	Lower	Upper
180	100		
182	390.2	77.3	115.9#
145	275.6	24.5	36.7#

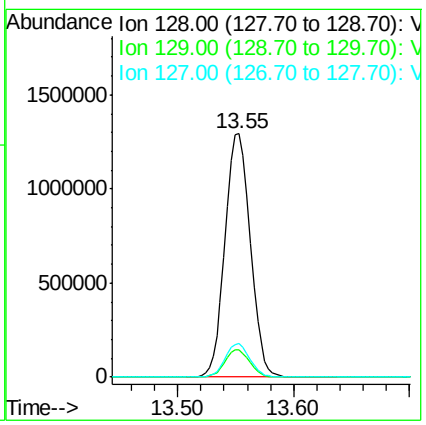


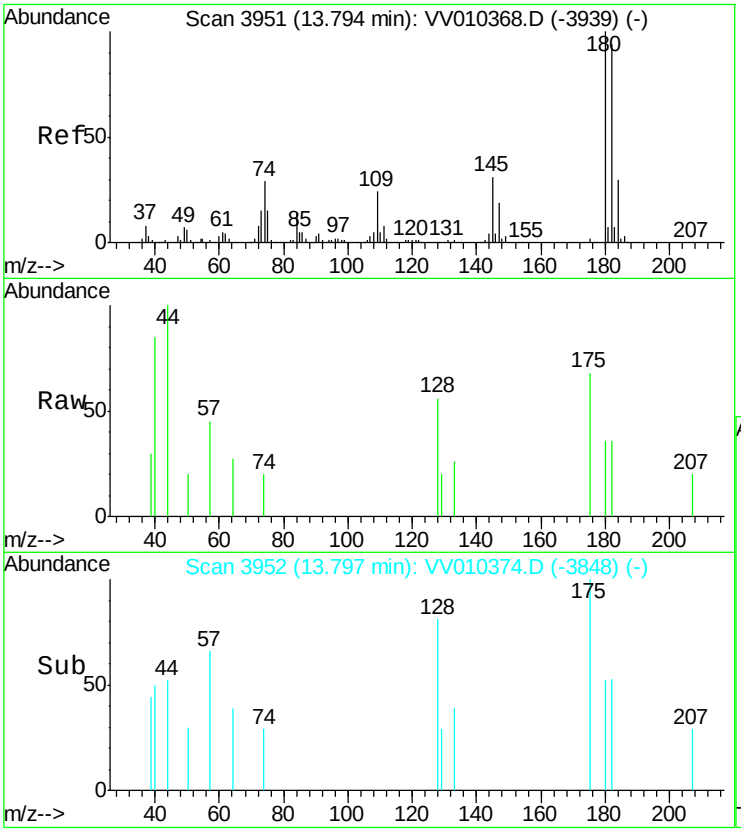


#69
Naphthalene
Concen: 64371.645 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Tgt Ion:128 Resp: 1946839

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 7.792 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VV010374.D
Acq: 19 Apr 2019 05:59

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Tgt Ion:180 Resp: 124

Ion	Ratio	Lower	Upper
180	100		
182	102.4	77.4	116.0
145	39.5	25.1	37.7#