Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

Quantitation Report (Not Reviewed)

Data File : VV010074.D
Acq On : 02 Apr 2019 22:50
Operator : SY/MD
Sample : K2148-10
Misc : 3.95G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F7

Quant Time: Apr 03 06:50:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98703	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	54386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9408	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38480	29.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.48%			
7) Chloroethane-d5	1.58	69	67803	41.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 165.24%#			
10) 1,1-Dichloroethene-d2	2.13	63	74891	22.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.88%			
20) 2-Butanone-d5	3.95	46	29382	78.14	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 156.28%#			
24) Chloroform-d	4.40	84	100754	40.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 162.08%#			
26) 1,2-Dichloroethane-d4	5.08	65	49503	35.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 142.32%#			
29) Benzene-d6	5.10	84	173638	61.57	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 246.28%#			
33) 1,2-Dichloropropane-d6	6.12	67	62942	75.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 302.48%#			
37) Toluene-d8	7.36	98	107919	39.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 158.84%#			
38) trans-1,3-Dichloropropene-	7.67	79	7062	19.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.40%			
39) 2-Hexanone-d5	8.14	63	13229	79.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 158.50%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44587	54.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 217.24%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	13003	35.48	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 141.92%#			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	646	0.508	ug/L #	41
13) Acetone	2.21	43	23537	63.313	ug/L	93
14) Carbon disulfide	2.32	76	10273	3.668	ug/L	98
16) Methylene chloride	2.53	84	7086	4.086	ug/L	91
21) 2-Butanone	4.04	43	5245	12.883	ug/L #	71
25) Chloroform	4.42	83	2492	1.110	ug/L	83
30) Cyclohexane	4.73	56	855	0.871	ug/L #	55
34) Benzene	5.15	78	2215	0.833	ug/L	100
36) Methylcyclohexane	6.18	83	6815	5.943	ug/L #	65
42) cis-1,3-Dichloropropene	7.04	75	499	0.513	ug/L	98
44) Toluene	7.43	91	5375	1.801	ug/L	93
54) m,p-Xylene	9.18	106	910	0.714	ug/L	94
55) o-xylene	9.59	106	394	0.319	ug/L #	49
57) Isopropylbenzene	9.97	105	2141	0.658	ug/L #	87
58) 1,1,2,2-Tetrachloroethane	10.28	83	7933	10.366	ug/L #	35
63) 1,3-Dichlorobenzene	11.23	146	258	0.467	ug/L #	1
69) Naphthalene	13.55	128	140	0.268	ug/L #	68

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

Quantitation Report (Not Reviewed)

Data File : VV010074.D
Acq On : 02 Apr 2019 22:50
Operator : SY/MD
Sample : K2148-10
Misc : 3.95G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F7

Quant Time: Apr 03 06:50:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

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

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

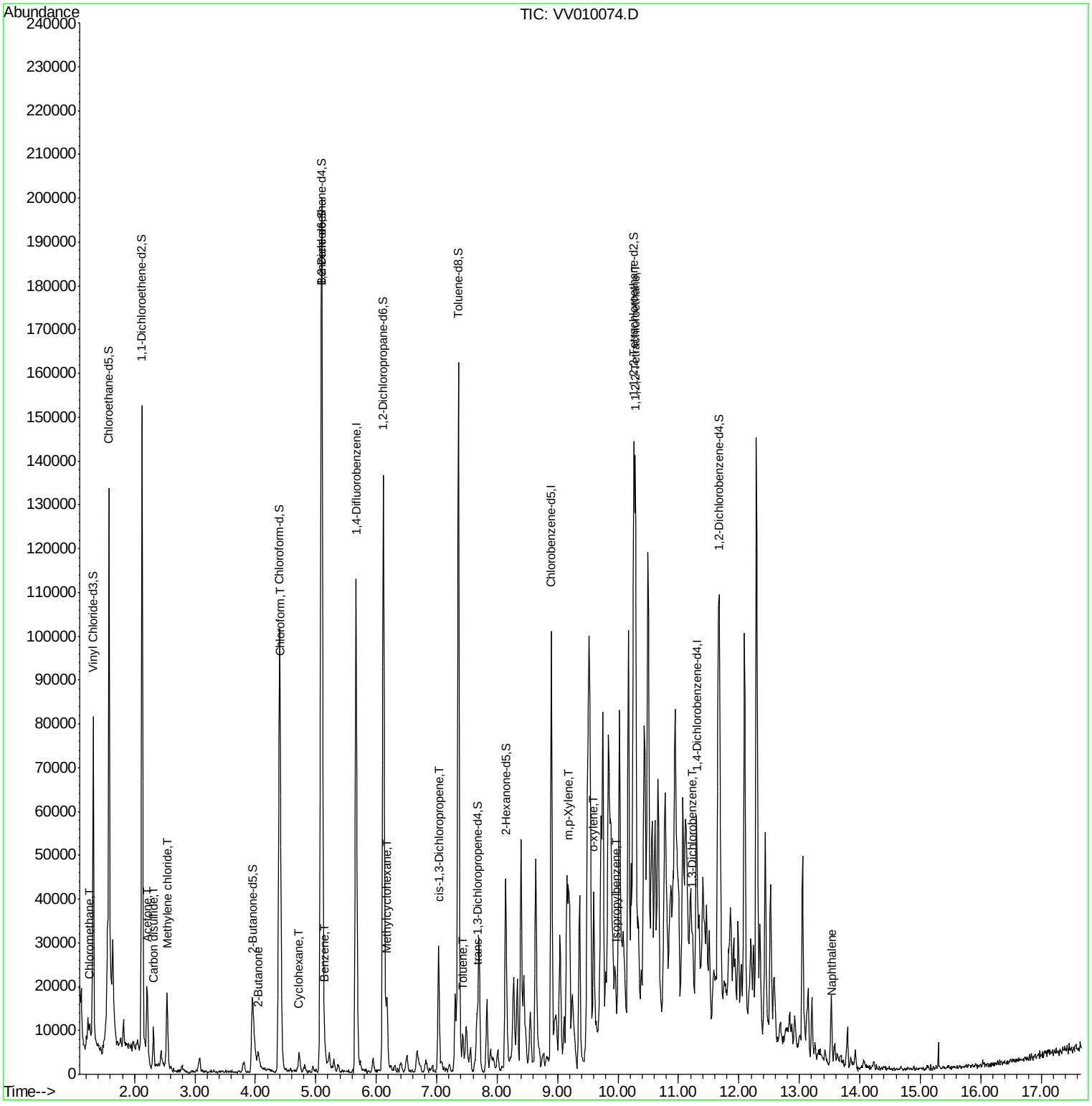
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

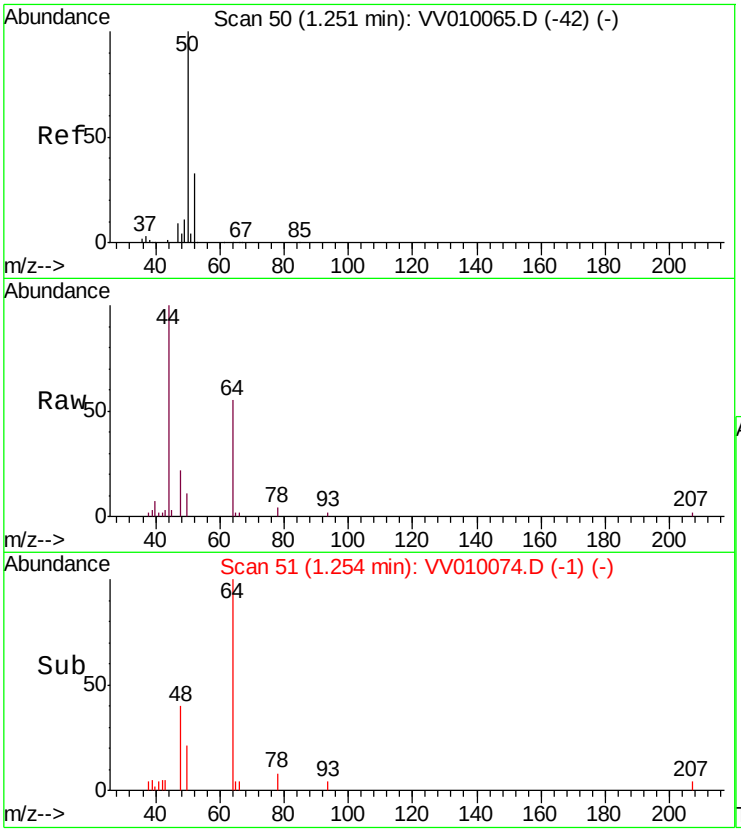
Quantitation Report (Not Reviewed)

Data File : VV010074.D
Acq On : 02 Apr 2019 22:50
Operator : SY/MD
Sample : K2148-10
Misc : 3.95G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Quant Time: Apr 03 06:50:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration



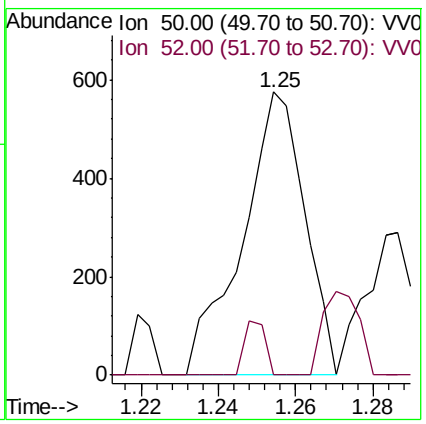


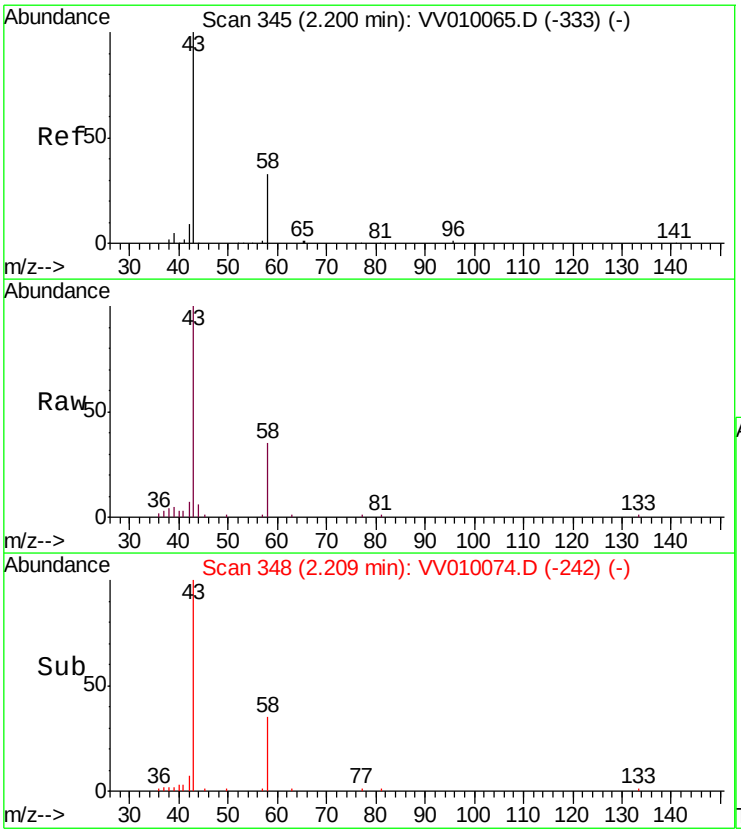
#3
Chloromethane
Concen: 0.508 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Tgt Ion: 50 Resp: 646

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.4	43.4#

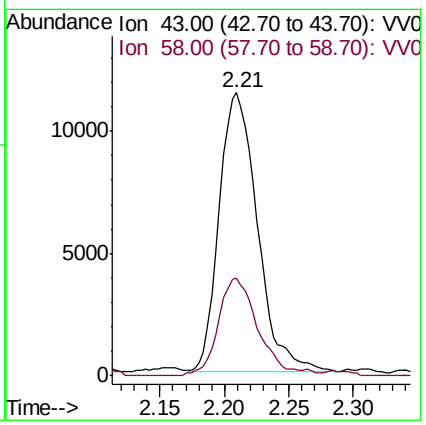


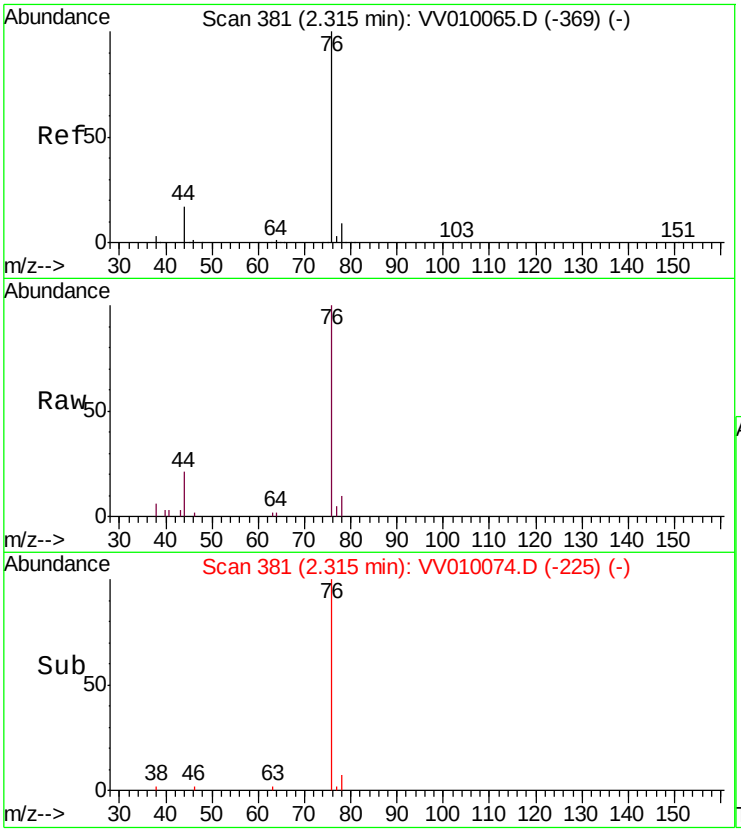


#13
Acetone
Concen: 63.313 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.01 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion: 43 Resp: 23537

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	64.6



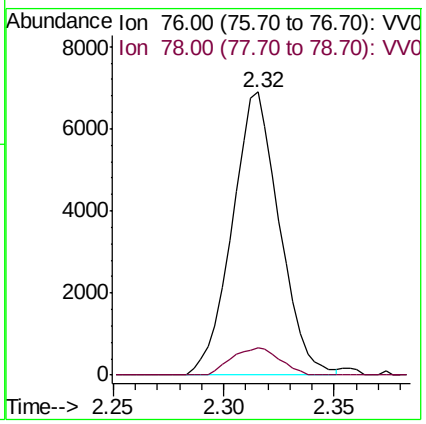


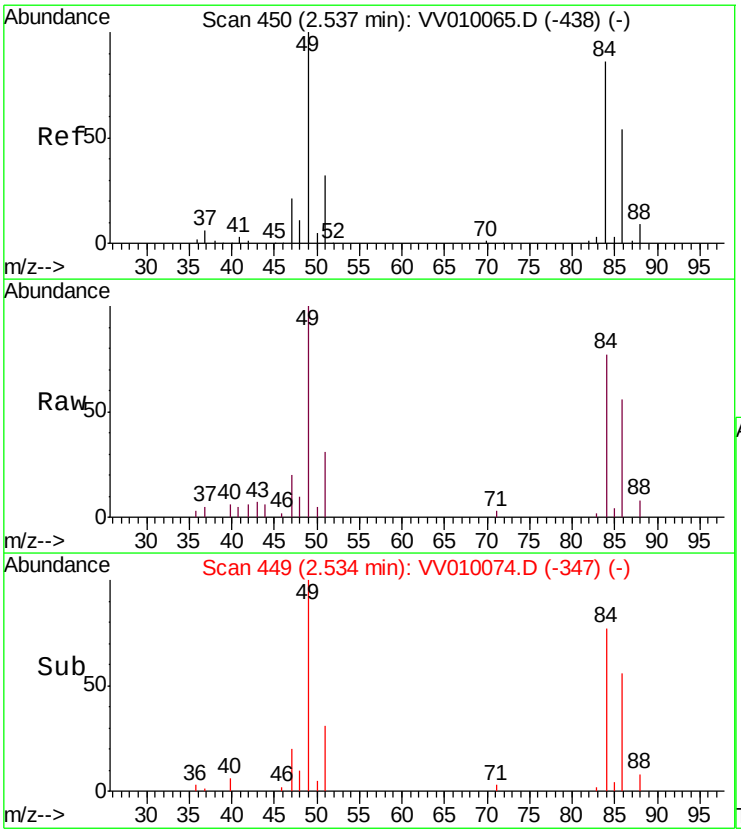
#14
Carbon disulfide
Concen: 3.668 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Tgt Ion: 76 Resp: 10273

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

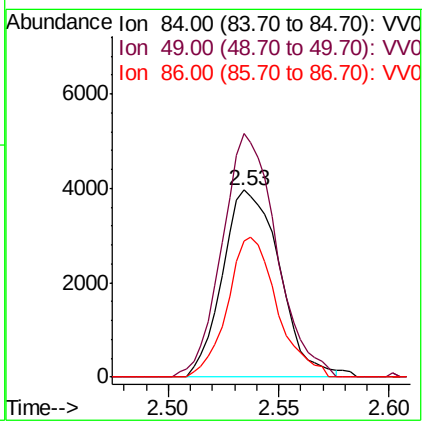


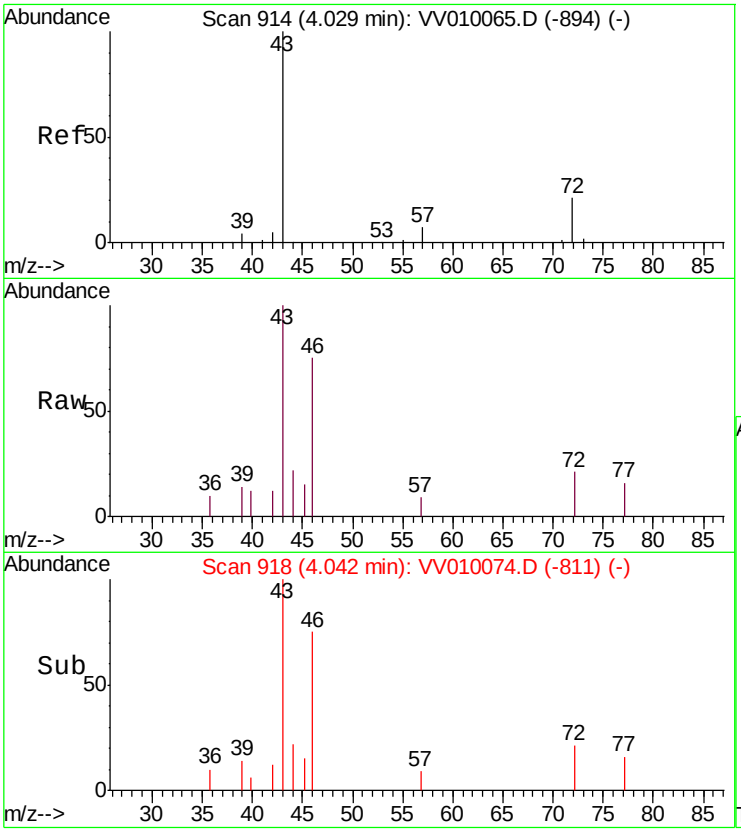


#16
Methylene chloride
Concen: 4.086 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion: 84 Resp: 7086

Ion	Ratio	Lower	Upper
84	100		
49	130.4	84.3	156.5
86	72.9	45.4	84.2



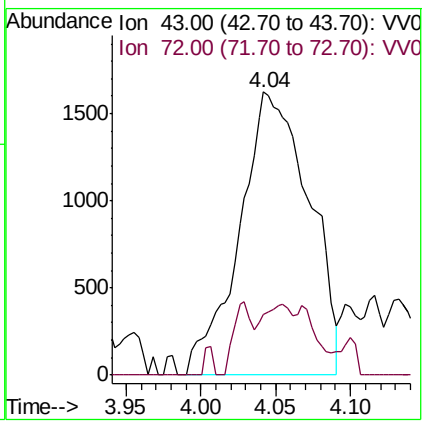


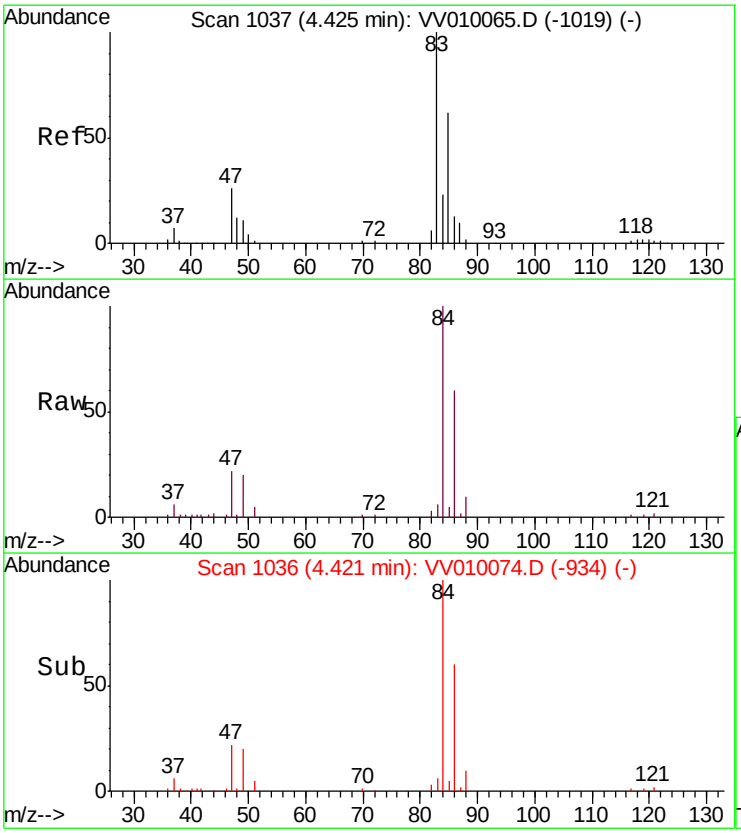
#21
2-Butanone
Concen: 12.883 ug/L
RT: 4.04 min Scan# 918
Delta R.T. 0.01 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Tgt Ion: 43 Resp: 5245

Ion	Ratio	Lower	Upper
43	100		
72	10.7	12.8	38.4#

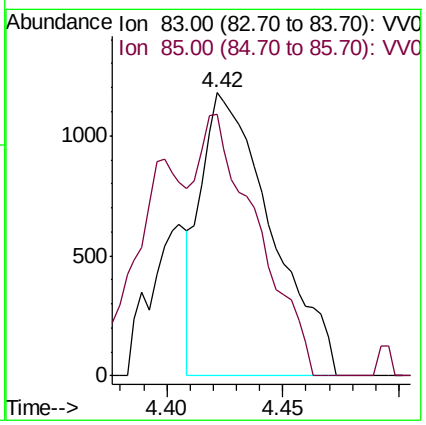


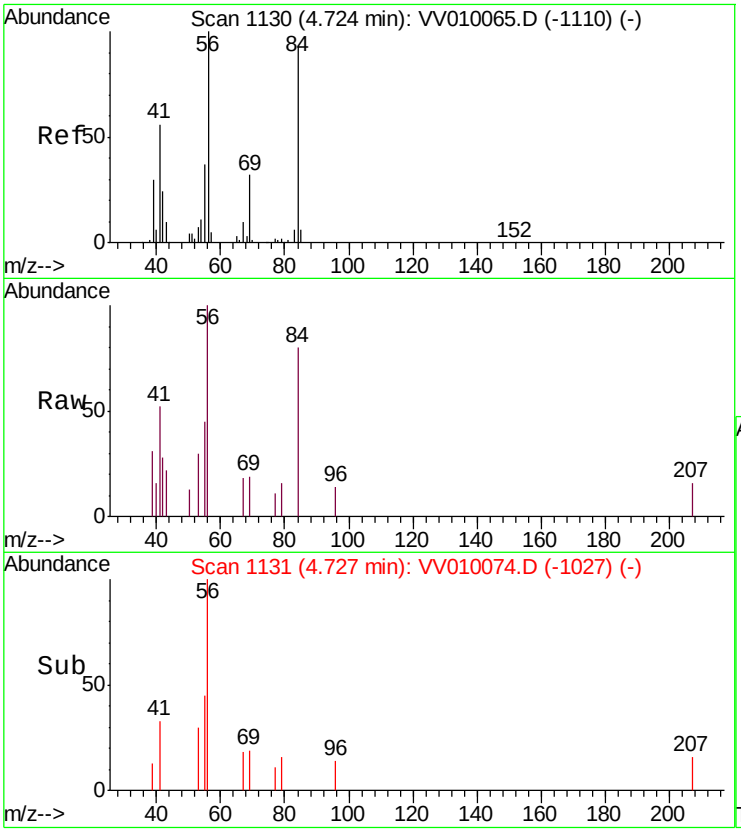


#25
Chloroform
Concen: 1.110 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion: 83 Resp: 2492

Ion	Ratio	Lower	Upper
83	100		
85	80.1	46.4	86.2



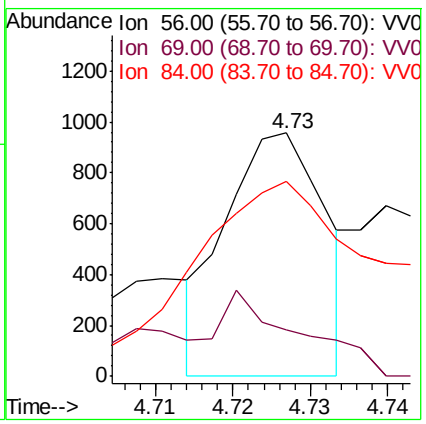


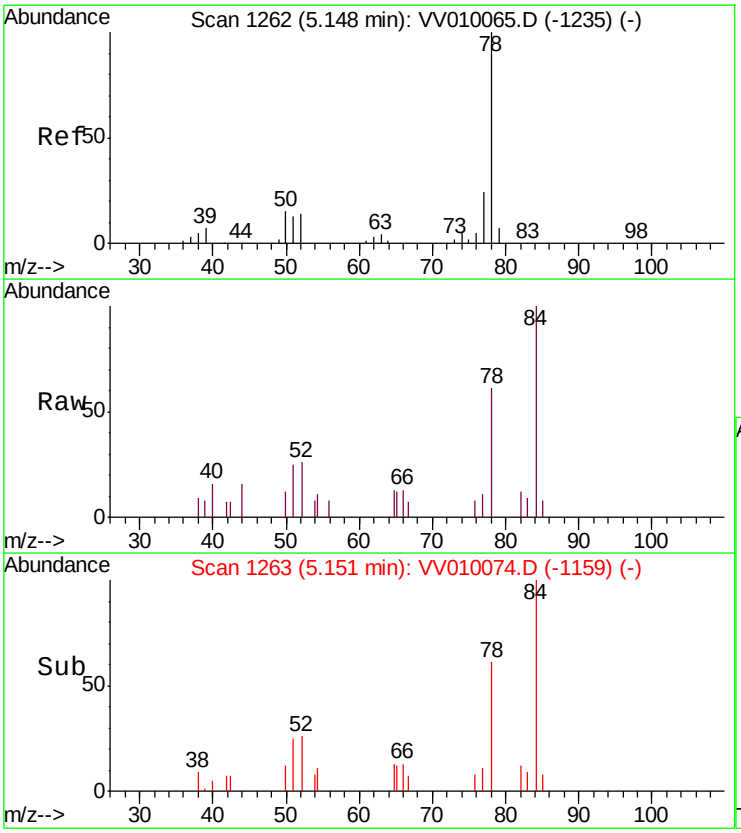
#30
Cyclohexane
Concen: 0.871 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument : MSVOA_V
ClientSampleId : BF5F7

Tgt Ion: 56 Resp: 855

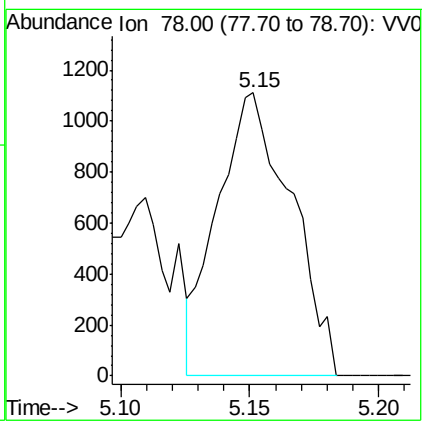
Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.1	37.7
84	152.4	76.0	114.0#

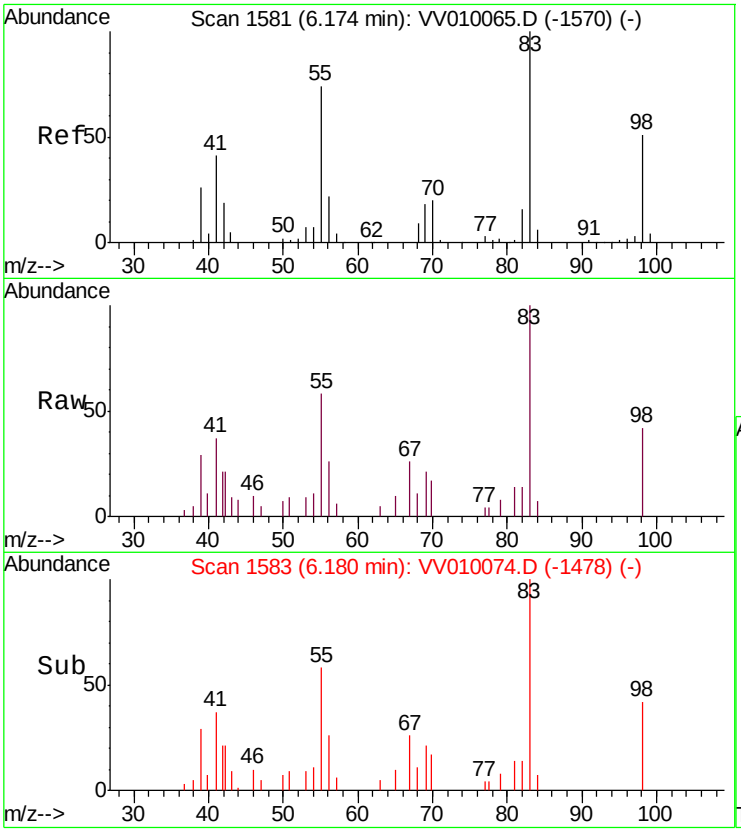




#34
Benzene
Concen: 0.833 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion: 78 Resp: 2215



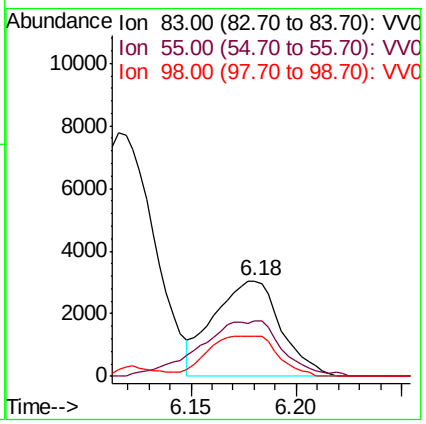


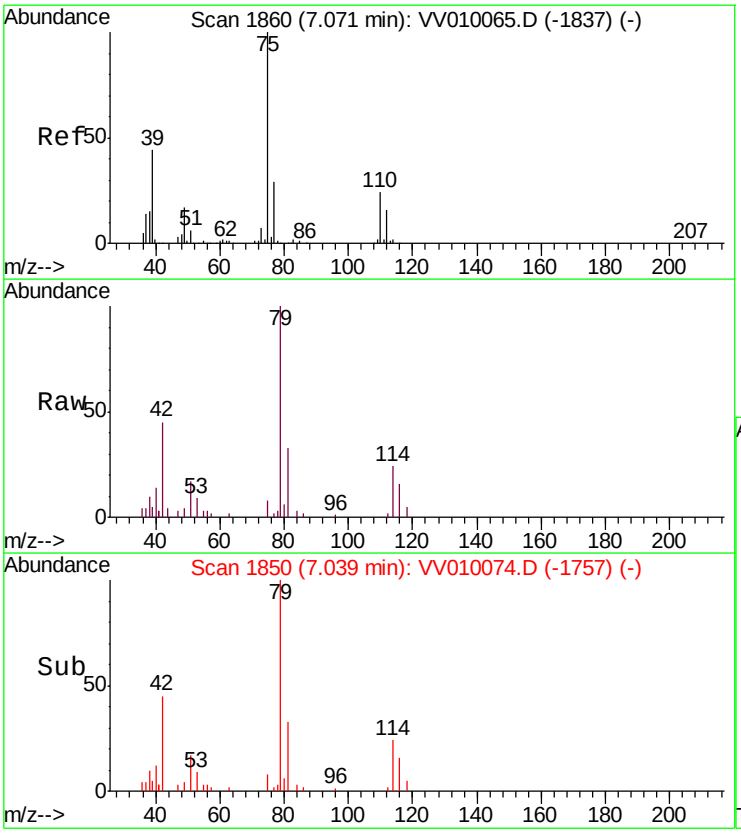
#36
Methylcyclohexane
Concen: 5.943 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument : MSVOA_V
ClientSampleId : BF5F7

Tgt Ion: 83 Resp: 6815

Ion	Ratio	Lower	Upper
83	100		
55	43.4	56.3	84.5#
98	22.3	39.0	58.6#

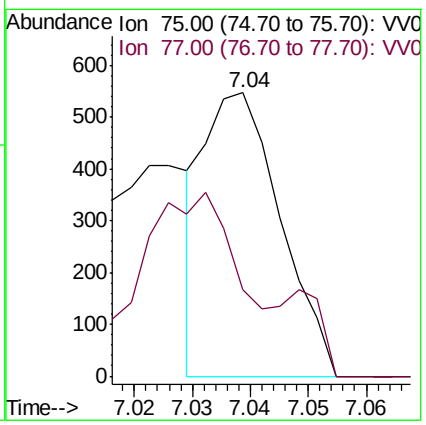


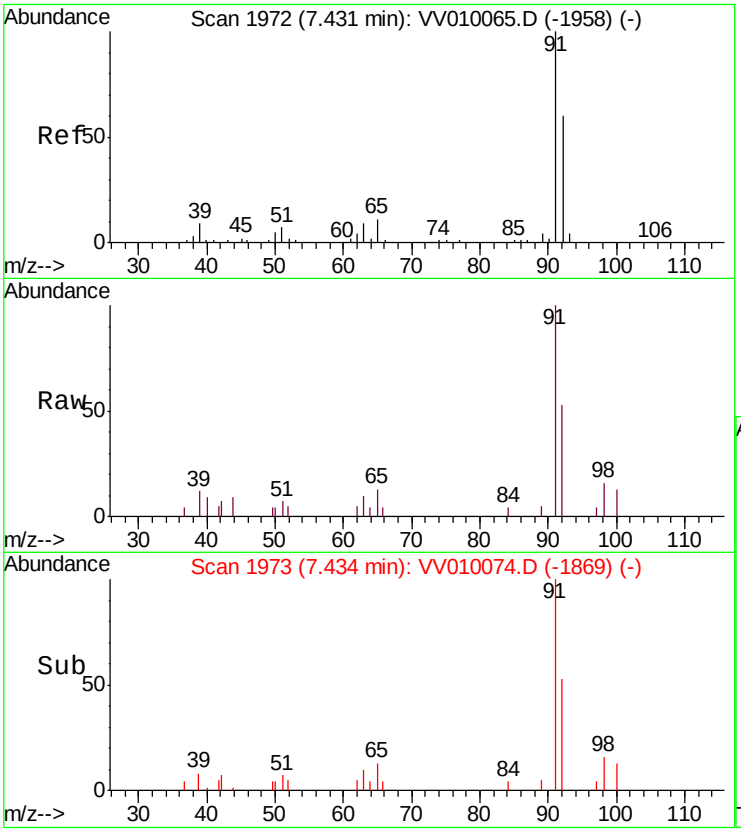


#42
cis-1,3-Dichloropropene
Concen: 0.513 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.03 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion: 75 Resp: 499

Ion	Ratio	Lower	Upper
75	100		
77	30.7	22.1	41.1



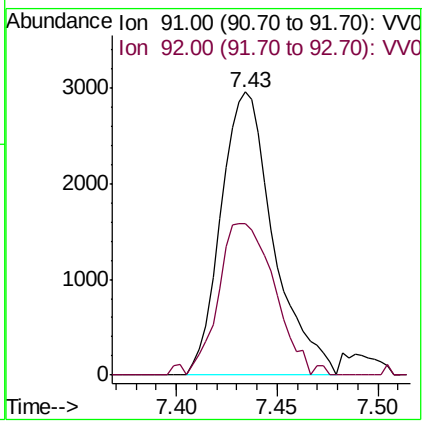


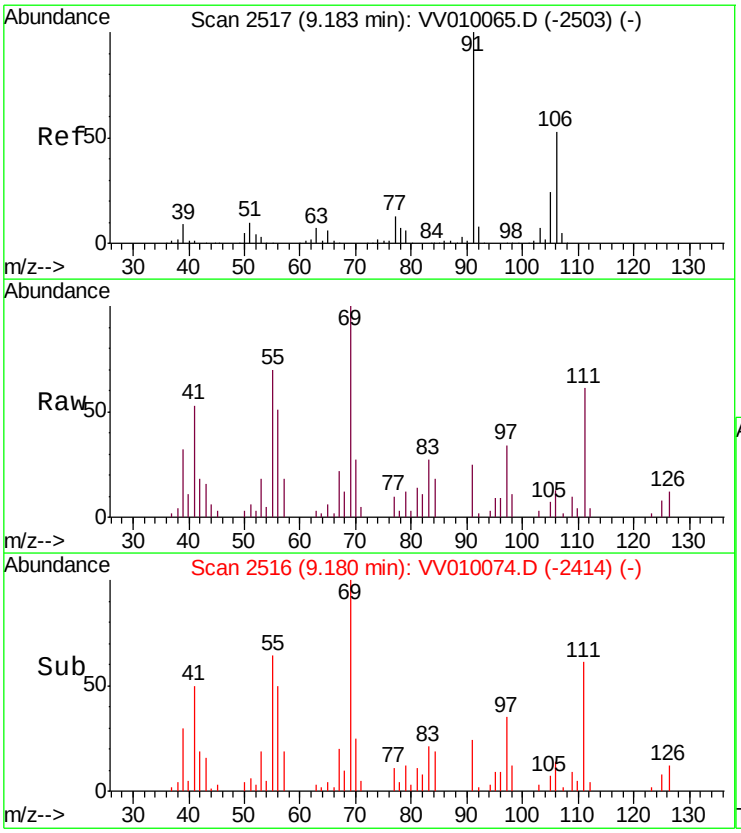
#44
Toluene
Concen: 1.801 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument : MSVOA_V
ClientSampleId : BF5F7

Tgt Ion: 91 Resp: 5375

Ion	Ratio	Lower	Upper
91	100		
92	53.3	41.0	76.2

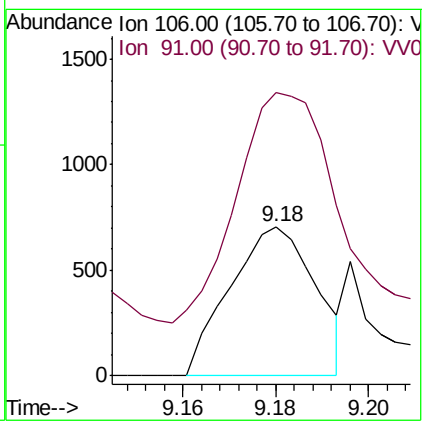


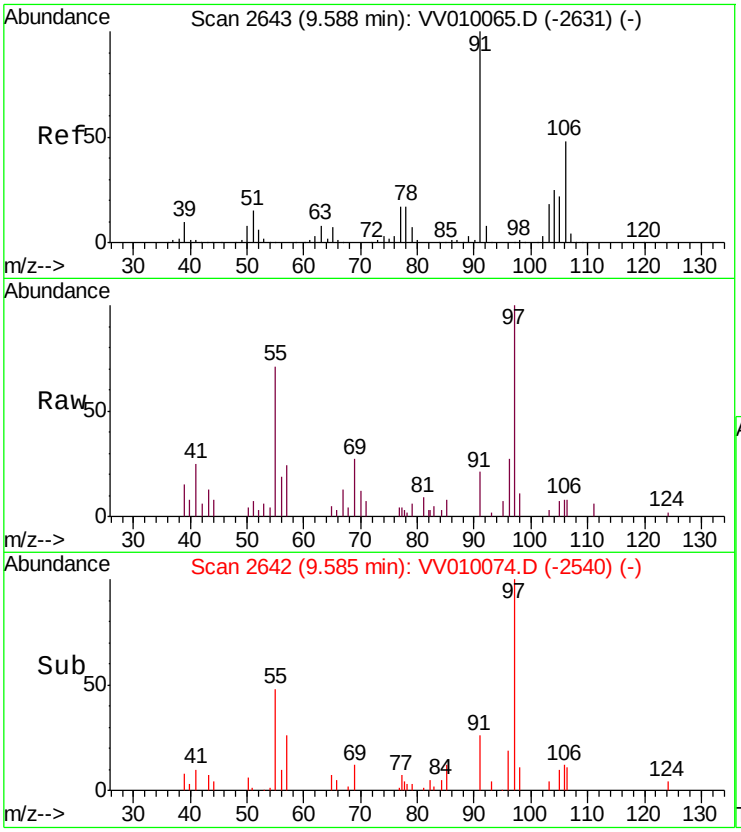


#54
m,p-Xylene
Concen: 0.714 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion:106 Resp: 910

Ion	Ratio	Lower	Upper
106	100		
91	189.4	139.3	258.7



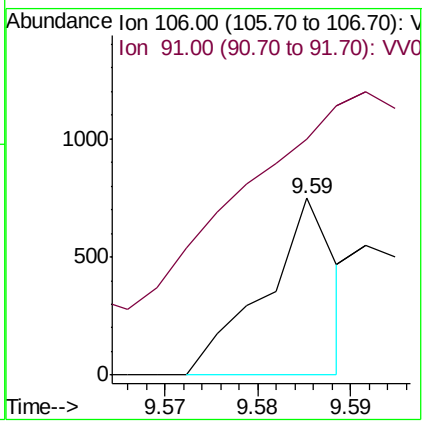


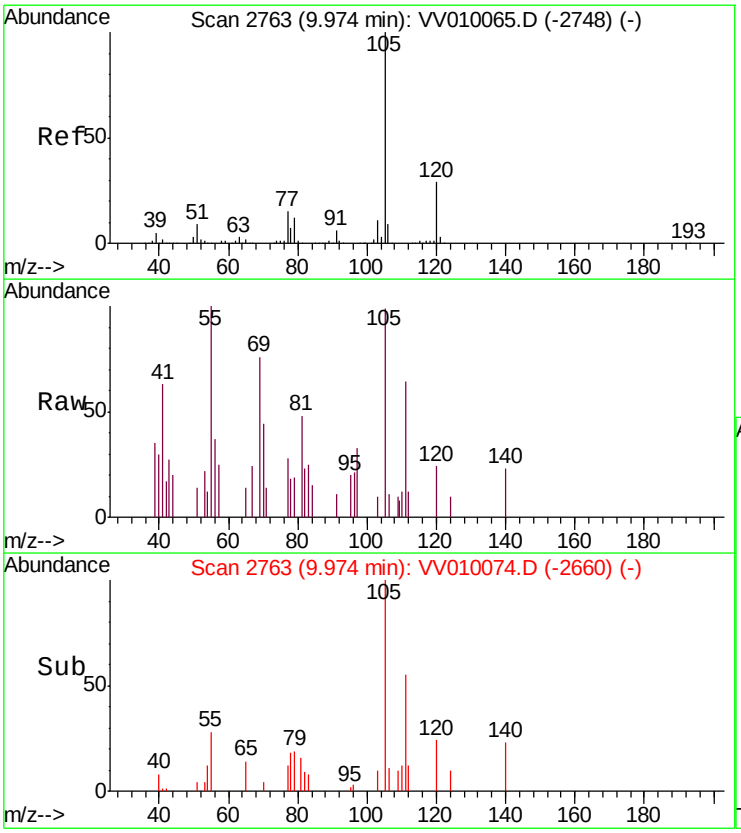
#55
o-xylene
Concen: 0.319 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Tgt Ion:106 Resp: 394

Ion	Ratio	Lower	Upper
106	100		
91	133.6	150.4	279.2#

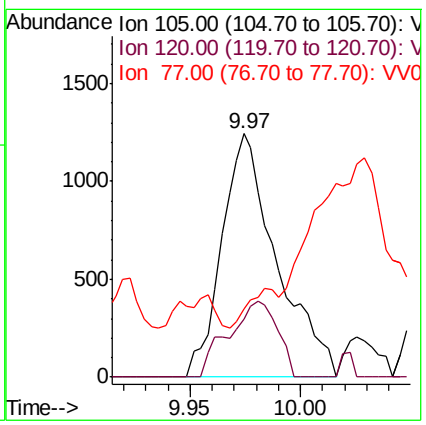


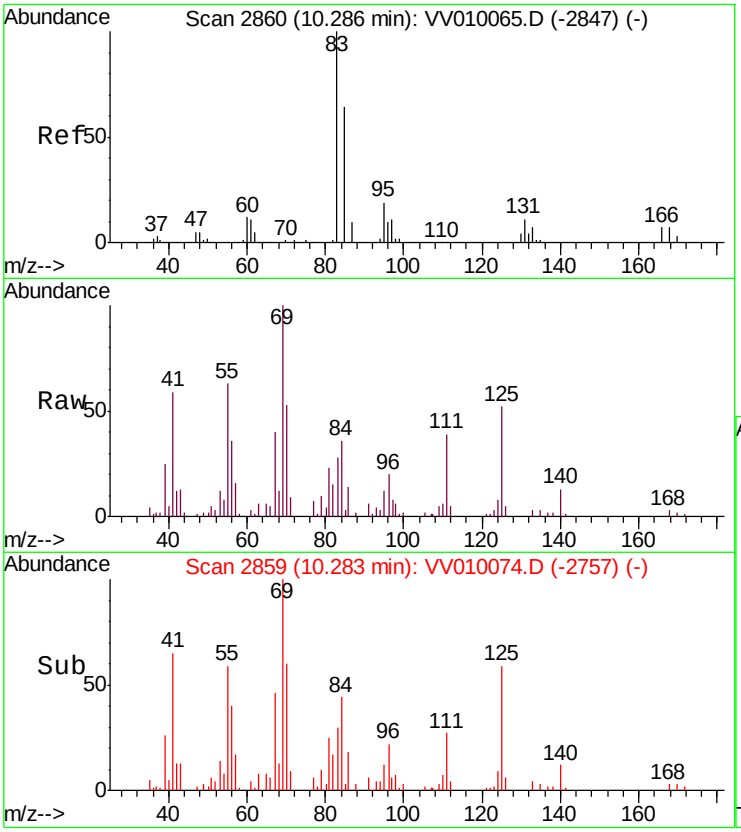


#57
Isopropylbenzene
Concen: 0.658 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion:105 Resp: 2141

Ion	Ratio	Lower	Upper
105	100		
120	21.3	21.5	32.3#
77	8.8	12.4	18.6#



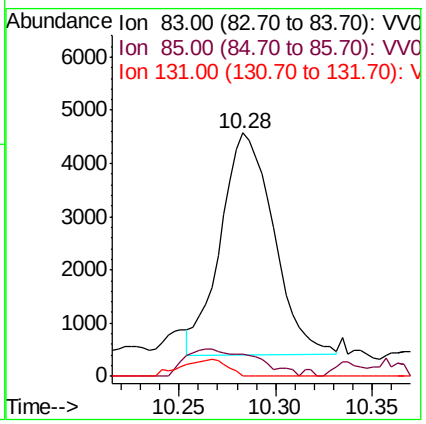


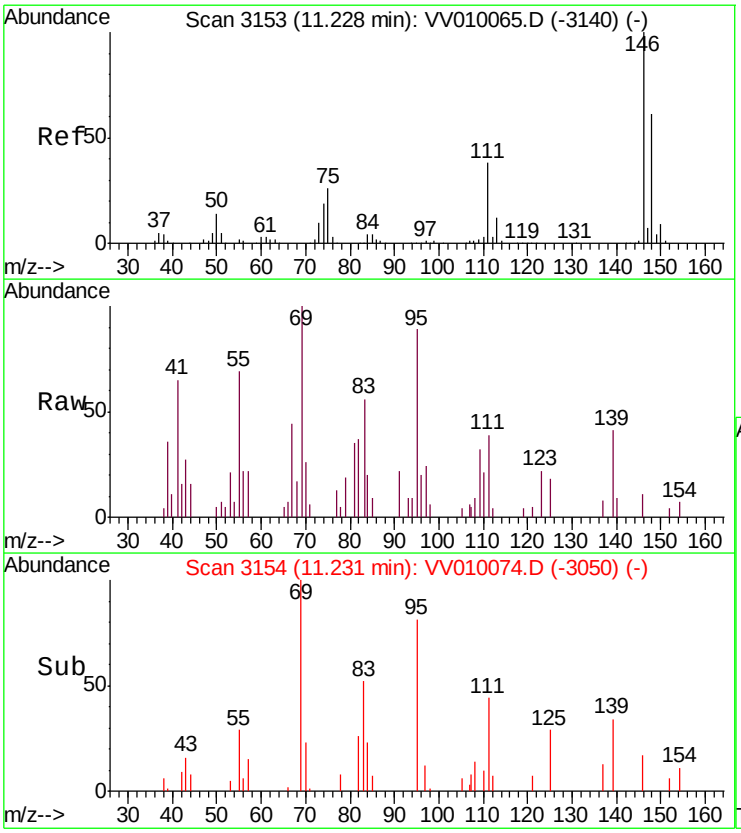
#58
1,1,2,2-Tetrachloroethane
Concen: 10.366 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument : MSVOA_V
ClientSampleId : BF5F7

Tgt Ion: 83 Resp: 7933

Ion	Ratio	Lower	Upper
83	100		
85	9.1	46.1	85.7#
131	0.0	9.0	13.4#

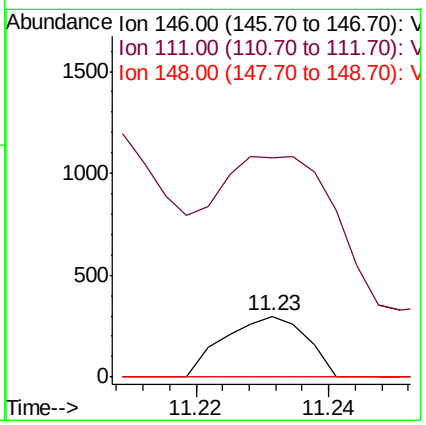


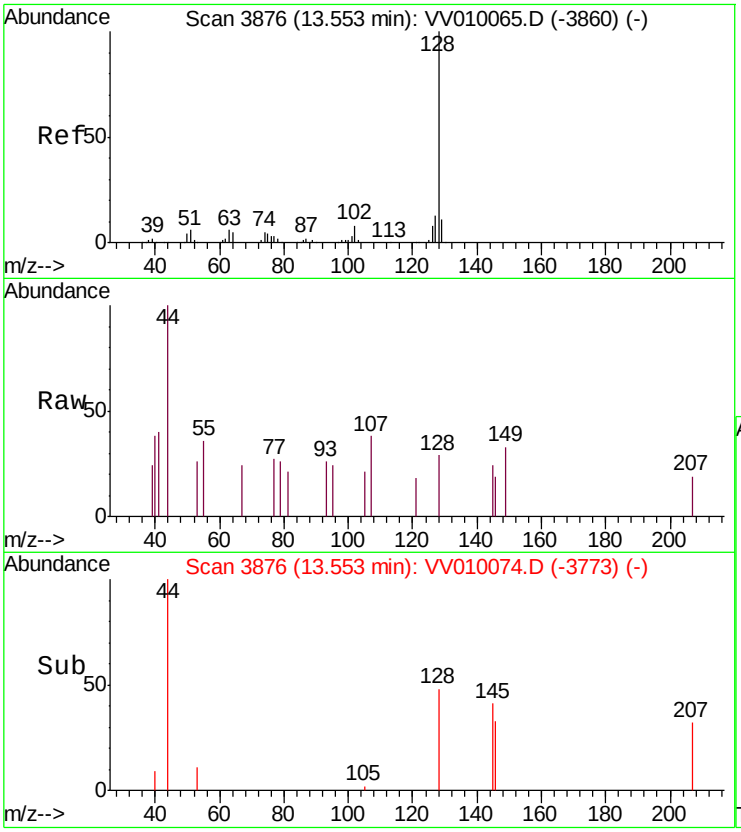


#63
1,3-Dichlorobenzene
Concen: 0.467 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Tgt Ion:146 Resp: 258

Ion	Ratio	Lower	Upper
146	100		
111	359.0	26.8	49.8#
148	0.0	42.7	79.3#





#69
Naphthalene
Concen: 0.268 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010074.D
Acq: 02 Apr 2019 22:50

Instrument :
MSVOA_V
ClientSampleId :
BF5F7

Tgt Ion:128 Resp: 140

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	0.0	11.0	16.4#