Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

Quantitation Report (Not Reviewed)

Data File : VV010378.D
Acq On : 19 Apr 2019 10:05
Operator : SY/MD
Sample : K2402-08MS
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHH9MS

Quant Time: Apr 20 02:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	54734	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	51086	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24568	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	13472	19.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.52%			
7) Chloroethane-d5	1.59	69	12836	21.99	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.96%			
10) 1,1-Dichloroethene-d2	2.13	63	35211	21.00	ug/L	0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.00%			
20) 2-Butanone-d5	3.95	46	3620	16.72	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 33.44%			
24) Chloroform-d	4.41	84	31008	21.55	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.09	65	16940	19.94	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.76%			
29) Benzene-d6	5.10	84	54646	20.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.60%			
33) 1,2-Dichloropropane-d6	6.12	67	16840	22.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.00%			
37) Toluene-d8	7.36	98	48873	19.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.76%			
38) trans-1,3-Dichloropropene-	7.67	79	5772	15.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 61.32%			
39) 2-Hexanone-d5	8.14	63	3565	20.92	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 41.84%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	13552	17.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 70.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	20311	21.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.12%			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	385	0.799	ug/L	57
12) 1,1-Dichloroethene	2.14	96	17131	24.093	ug/L	93
16) Methylene chloride	2.54	84	2694	3.082	ug/L	84
27) 1,2-Dichloroethane	5.14	62	631	0.658	ug/L #	76
34) Benzene	5.15	78	65747	26.373	ug/L	100
35) Trichloroethene	5.96	95	18495	25.076	ug/L	99
44) Toluene	7.43	91	66824	23.778	ug/L	99
52) Chlorobenzene	8.93	112	44795	22.907	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.53	75	4458	38.560	ug/L #	1
68) 1,2,4-trichlorobenzene	13.32	180	402	0.404	ug/L #	1
69) Naphthalene	13.55	128	7983112	4340.586	ug/L	99

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

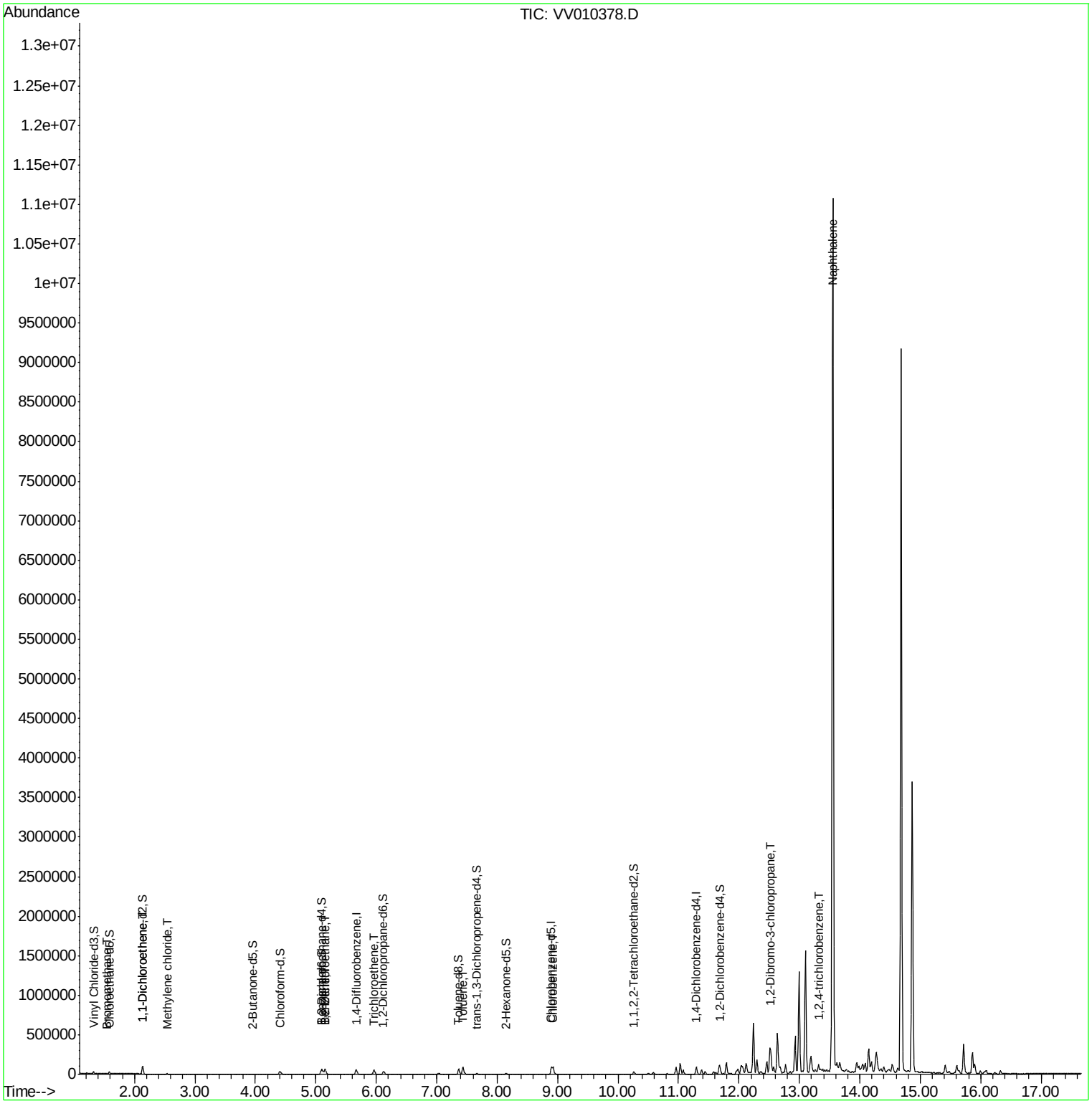
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\

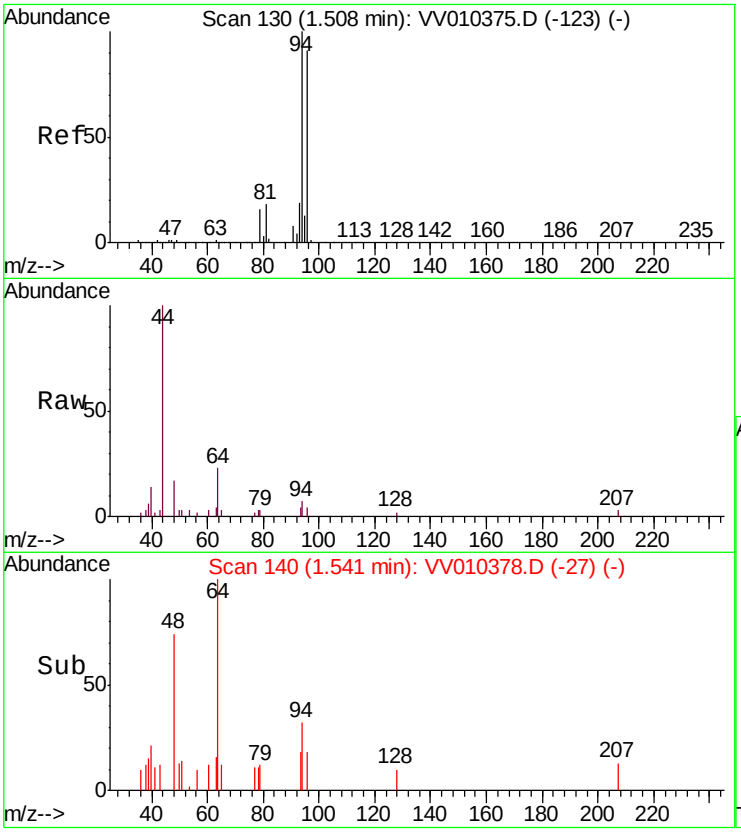
Quantitation Report (Not Reviewed)

Data File : VV010378.D
Acq On : 19 Apr 2019 10:05
Operator : SY/MD
Sample : K2402-08MS
Misc : 5.03G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHH9MS

Quant Time: Apr 20 02:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration



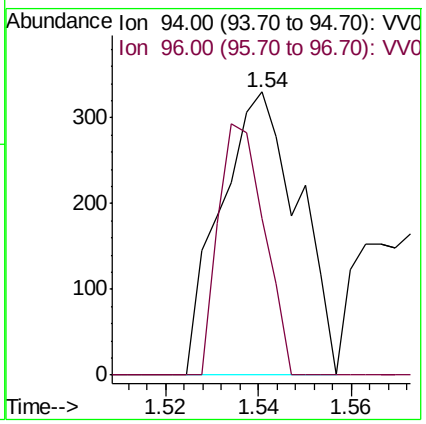


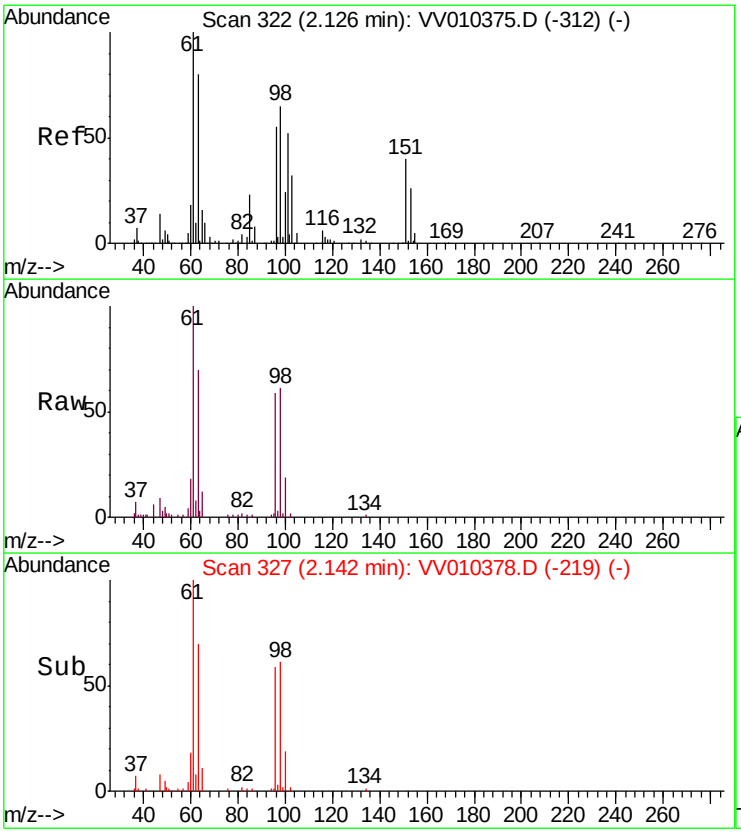
#6
Bromomethane
Concen: 0.799 ug/L
RT: 1.54 min Scan# 140
Delta R.T. 0.03 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Instrument : MSVOA_V
ClientSampleId : GAHH9MS

Tgt Ion: 94 Resp: 385

Ion	Ratio	Lower	Upper
94	100		
96	52.2	9.3	177.1

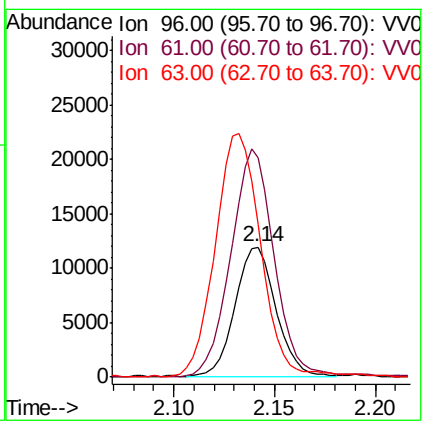


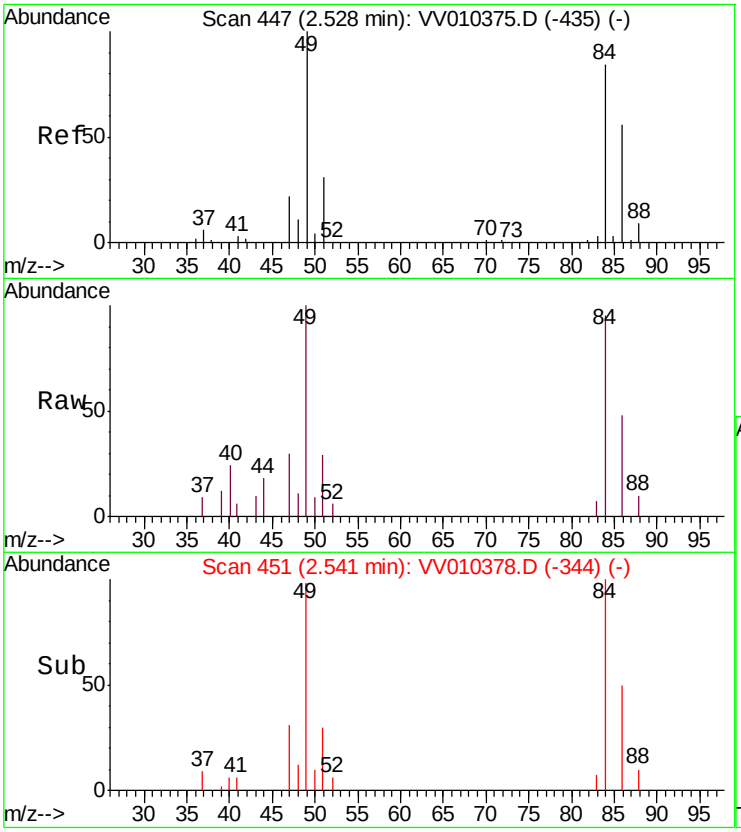


#12
1,1-Dichloroethene
Concen: 24.093 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.02 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Tgt Ion: 96 Resp: 17131

Ion	Ratio	Lower	Upper
96	100		
61	168.4	124.7	231.5
63	117.5	88.7	164.7



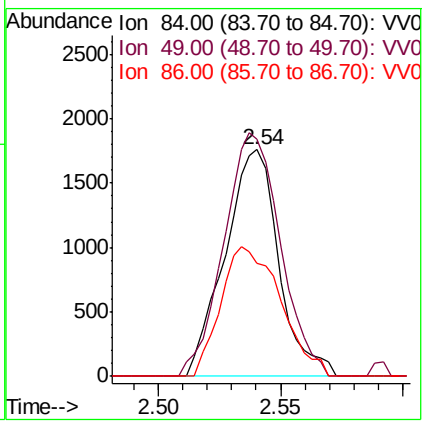


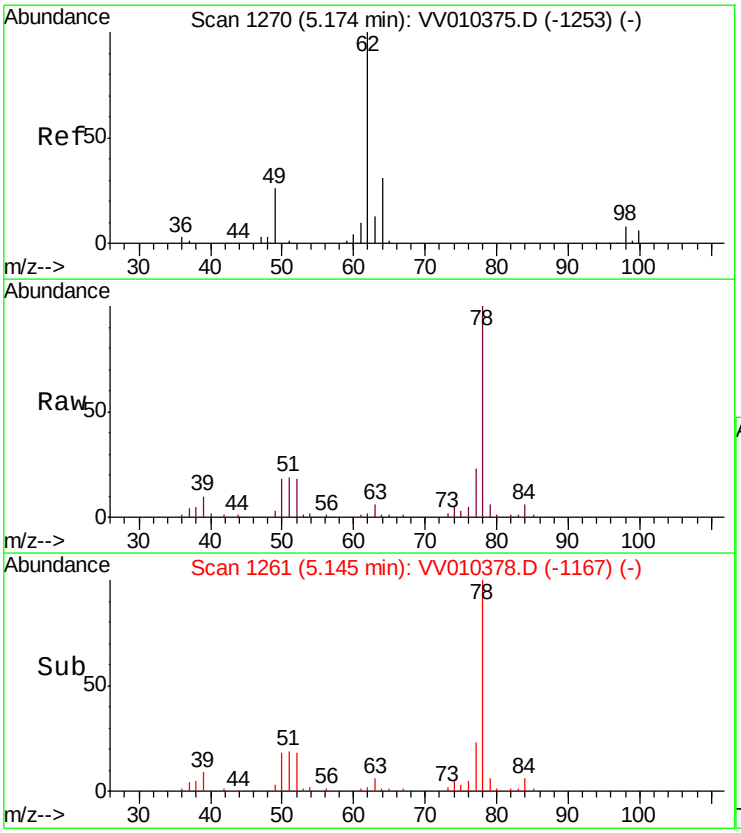
#16
Methylene chloride
Concen: 3.082 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion: 84 Resp: 2694

Ion	Ratio	Lower	Upper
84	100		
49	104.9	83.8	155.6
86	50.1	46.1	85.5

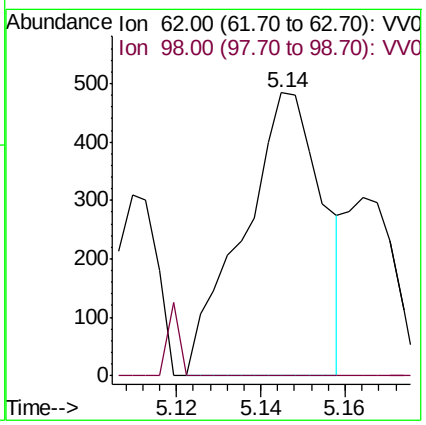


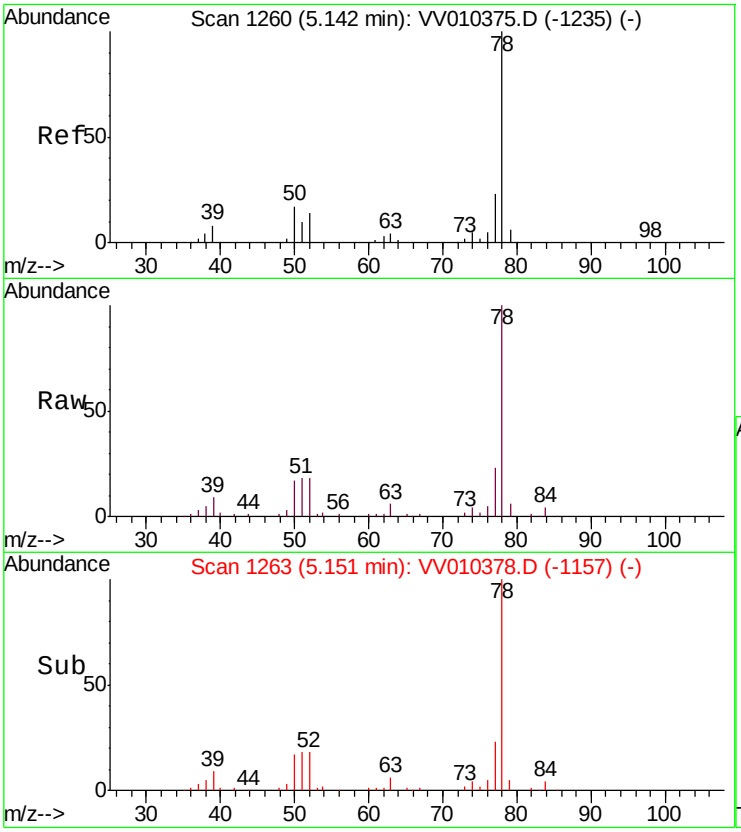


#27
1,2-Dichloroethane
Concen: 0.658 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.03 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Tgt Ion: 62 Resp: 631

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.8	10.2#

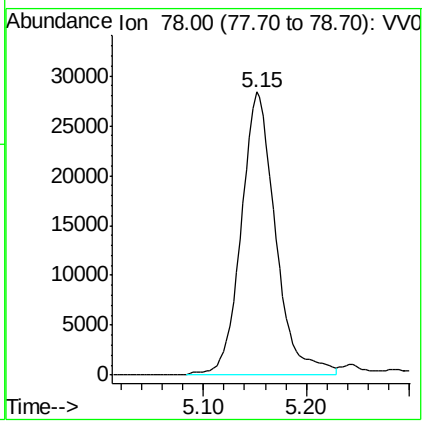


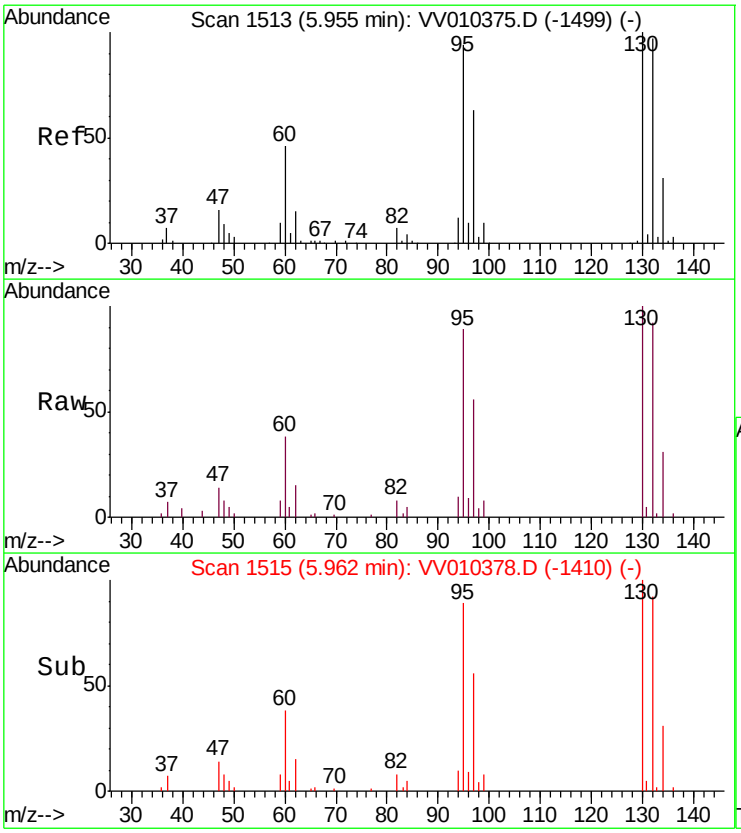


#34
Benzene
Concen: 26.373 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion: 78 Resp: 65747

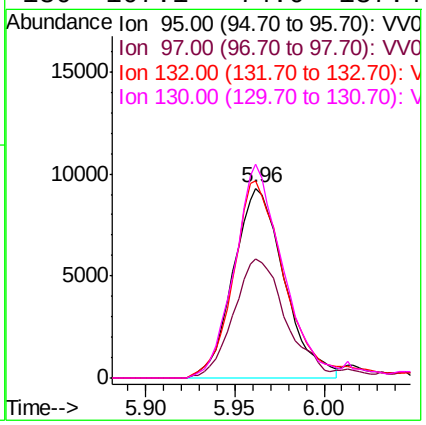


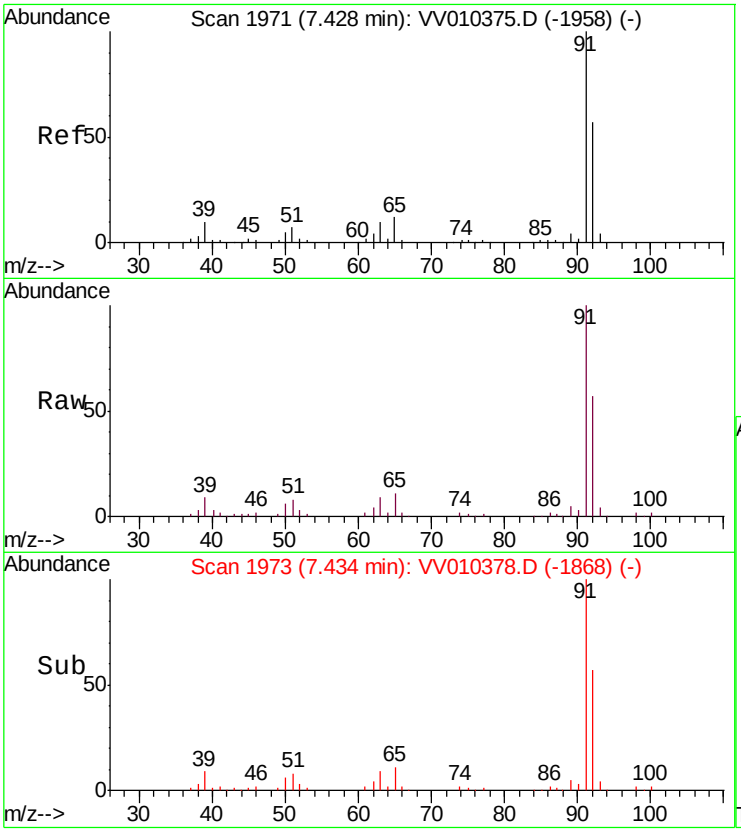


#35
Trichloroethene
Concen: 25.076 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Tgt Ion: 95 Resp: 18495

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.8
132	102.6	71.5	132.7
130	107.1	74.0	137.4



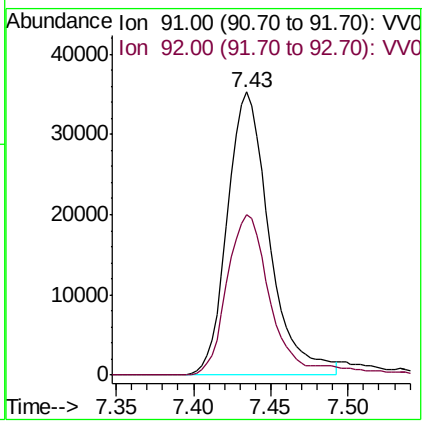


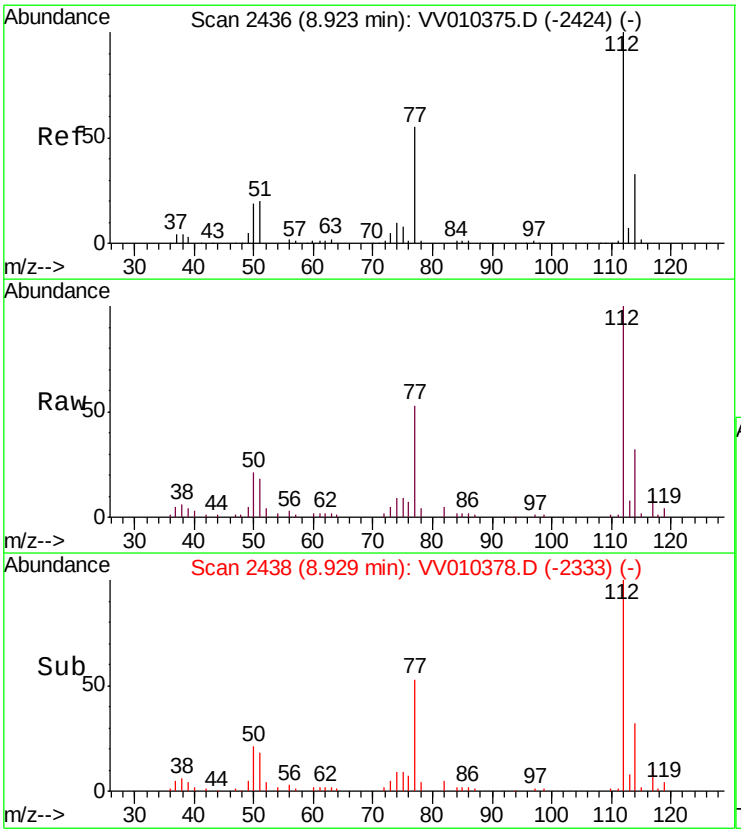
#44
Toluene
Concen: 23.778 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion: 91 Resp: 66824

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.1	74.5

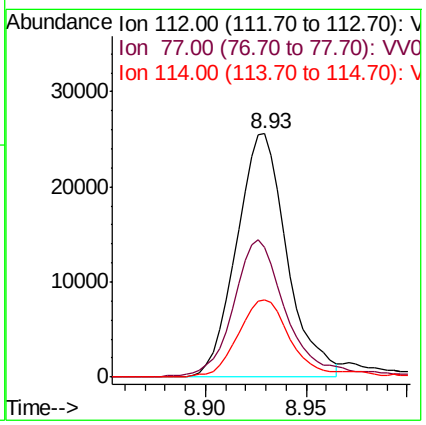


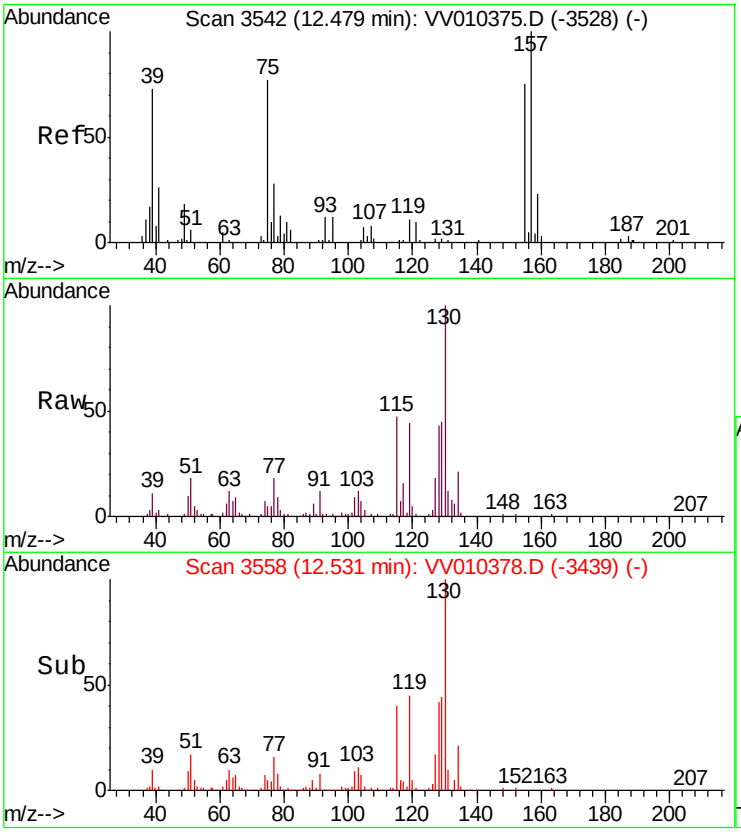


#52
Chlorobenzene
Concen: 22.907 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.01 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Tgt Ion:112 Resp: 44795

Ion	Ratio	Lower	Upper
112	100		
77	53.3	43.0	64.4
114	32.0	22.5	41.9



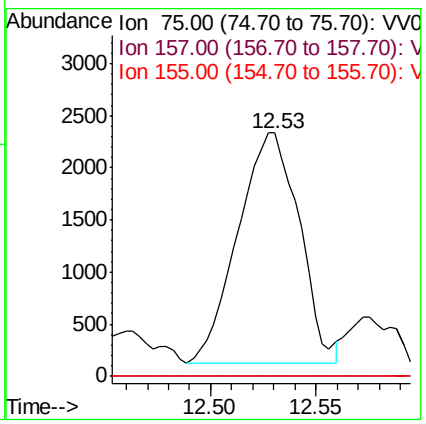


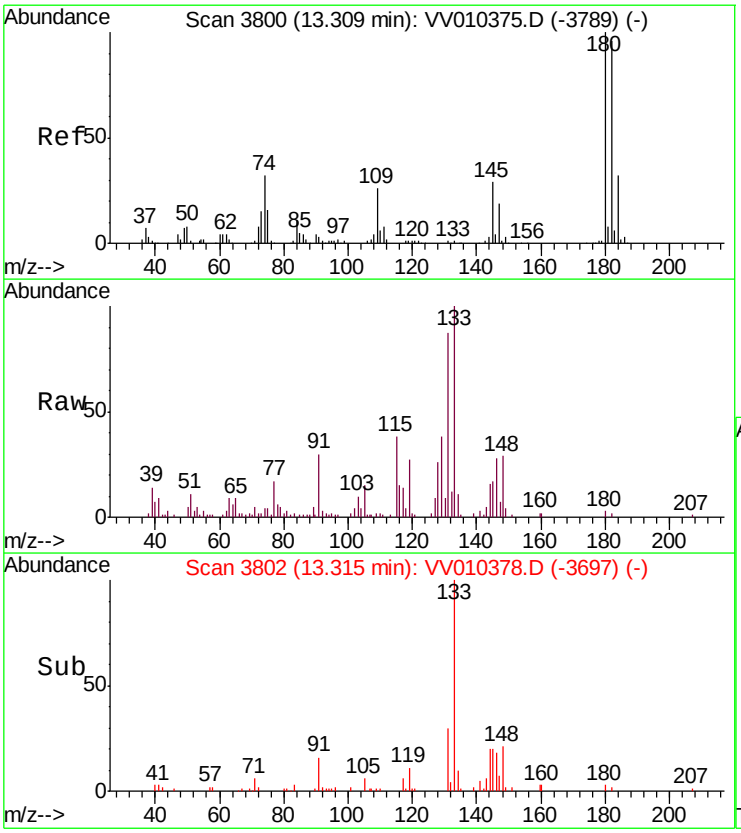
#66
1,2-Dibromo-3-chloropropane
Concen: 38.560 ug/L
RT: 12.53 min Scan# 3558
Delta R.T. 0.05 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion: 75 Resp: 4458

Ion	Ratio	Lower	Upper
75	100		
157	0.0	100.6	151.0#
155	0.0	75.1	112.7#

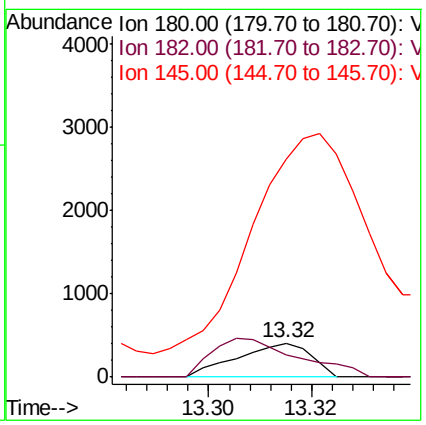


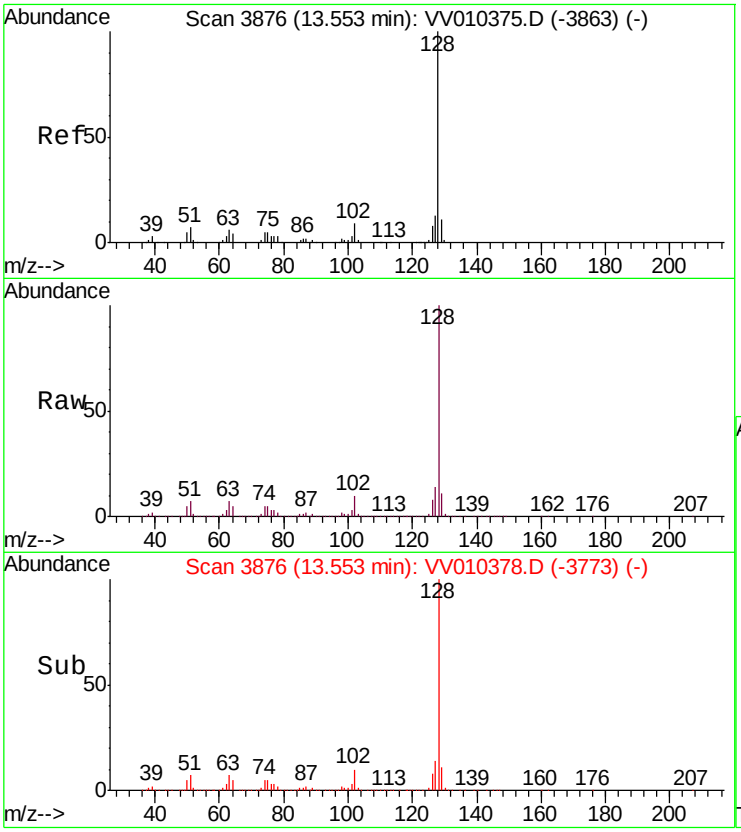


#68
1,2,4-trichlorobenzene
Concen: 0.404 ug/L
RT: 13.32 min Scan# 3802
Delta R.T. 0.01 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Tgt Ion:180 Resp: 402

Ion	Ratio	Lower	Upper
180	100		
182	133.6	77.3	115.9#
145	990.3	24.5	36.7#





#69
Naphthalene
Concen: 4340.586 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. -0.00 min
Lab File: VV010378.D
Acq: 19 Apr 2019 10:05

Instrument :
MSVOA_V
ClientSampleId :
GAHH9MS

Tgt Ion:128 Resp: 7983112

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.5	10.7	16.1