Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016912.D
Acq On : 13 Jun 2020 05:17
Operator : SY/MD
Sample : L2990-14MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Quant Time: Jun 13 06:17:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	363573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	345921	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185704	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	103546	40.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.72%			
7) Chloroethane-d5	1.57	69	63337	41.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.28%			
11) 1,1-Dichloroethene-d2	2.12	63	213635	49.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.18%			
21) 2-Butanone-d5	3.90	46	164918	86.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.85%			
24) Chloroform-d	4.38	84	228380	43.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.56%			
26) 1,2-Dichloroethane-d4	5.06	65	172595	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
32) Benzene-d6	5.08	84	438756	44.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.10	67	135267	43.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.04%			
41) Toluene-d8	7.37	98	143222	15.65	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery = 31.30%#			
43) trans-1,3-Dichloropropene-	7.67	79	66013	40.78	ug/L	0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.56%			
47) 2-Hexanone-d5	8.12	63	117640	86.81	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.81%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176403	42.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.74%			
64) 1,2-Dichlorobenzene-d4	11.65	152	181695	45.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.70%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	11010	4.247	ug/L #	69
12) 1,1-Dichloroethene	2.13	96	93543	51.839	ug/L	98
13) Acetone	2.18	43	3731	2.982	ug/L	92
14) Carbon disulfide	2.31	76	4802	0.735	ug/L	99
15) Methyl Acetate	2.44	43	57645	20.673	ug/L	96
19) 1,1-Dichloroethane	3.21	63	29196	6.304	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	86515	32.254	ug/L	98
22) 2-Butanone	4.01	43	2701	1.400	ug/L	96
27) 1,2-Dichloroethane	5.07	62	3474	0.871	ug/L	96
29) Cyclohexane	4.70	56	476182	110.776	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	4446	1.008	ug/L	96
33) Benzene	5.13	78	483855	47.275	ug/L	100
34) Trichloroethene	5.94	95	134375	48.954	ug/L	98
35) Methylcyclohexane	6.16	83	2708616	629.001	ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	5091	1.231	ug/L #	12
45) 1,1,2-Trichloroethane	7.83	97	63807	24.848	ug/L #	19
51) Chlorobenzene	8.92	112	364383	51.764	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016912.D
Acq On : 13 Jun 2020 05:17
Operator : SY/MD
Sample : L2990-14MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Quant Time: Jun 13 06:17:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration

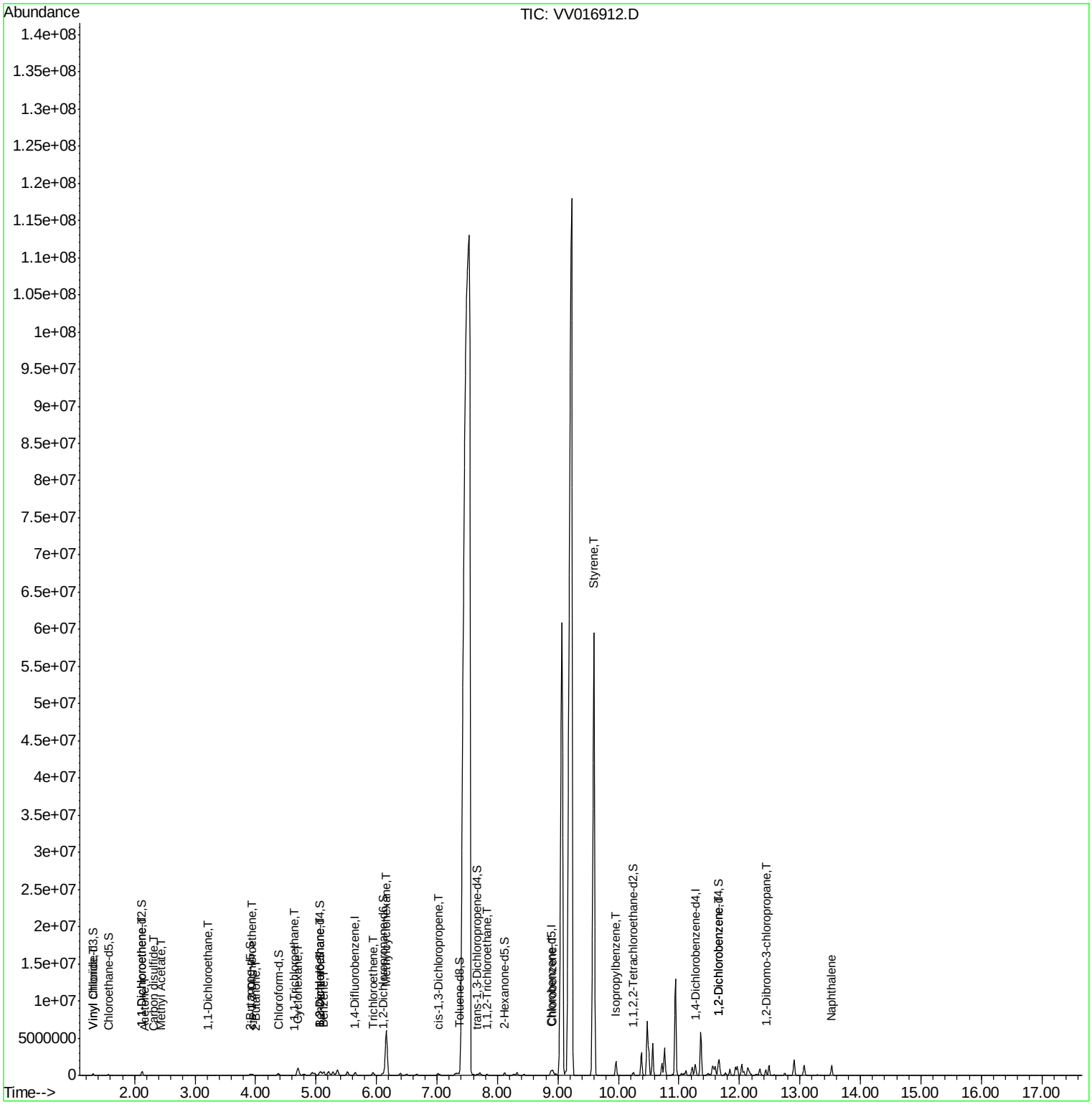
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	9.59	104	1138968	153.509	ug/L #	1
56) Isopropylbenzene	9.96	105	1158347	98.234	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	27328	4.636	ug/L	91
66) 1,2-Dibromo-3-chloropropan	12.43	75	2884	3.112	ug/L #	2
69) Naphthalene	13.53	128	1014207	87.641	ug/L	100

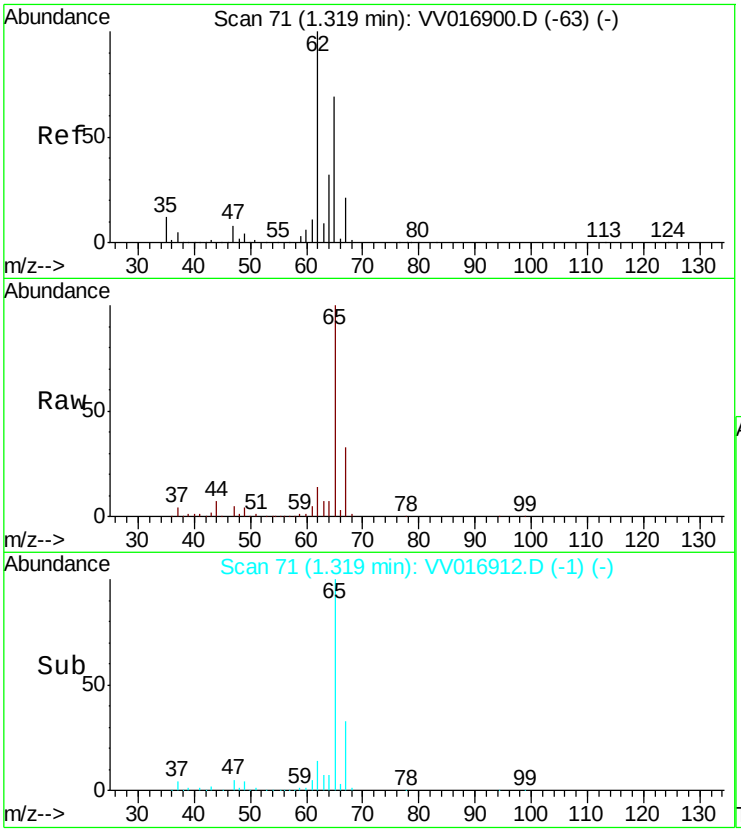
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061220\
Data File : VV016912.D
Acq On : 13 Jun 2020 05:17
Operator : SY/MD
Sample : L2990-14MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Quant Time: Jun 13 06:17:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration



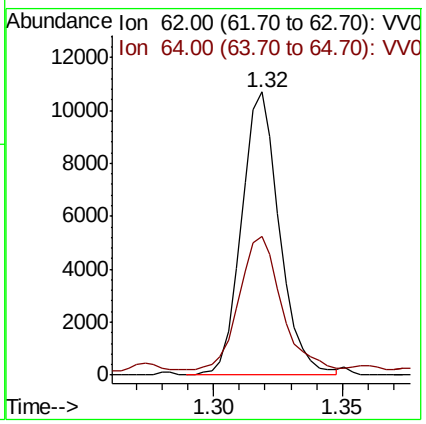


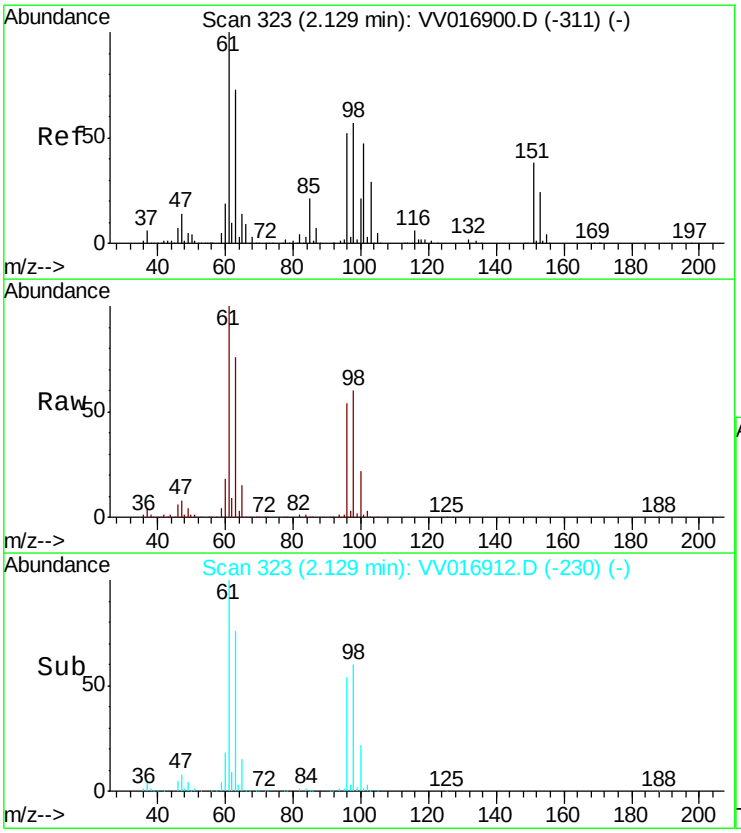
#5
Vinyl chloride
Concen: 4.247 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion: 62 Resp: 11010

Ion	Ratio	Lower	Upper
62	100		
64	49.1	22.3	41.5#

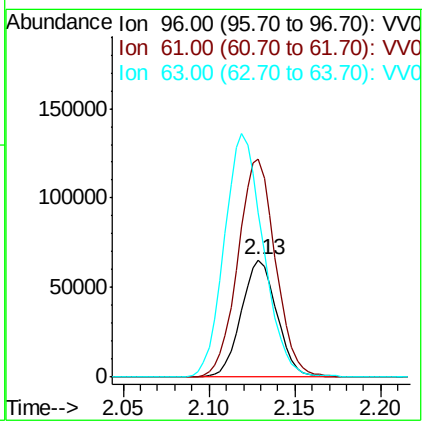


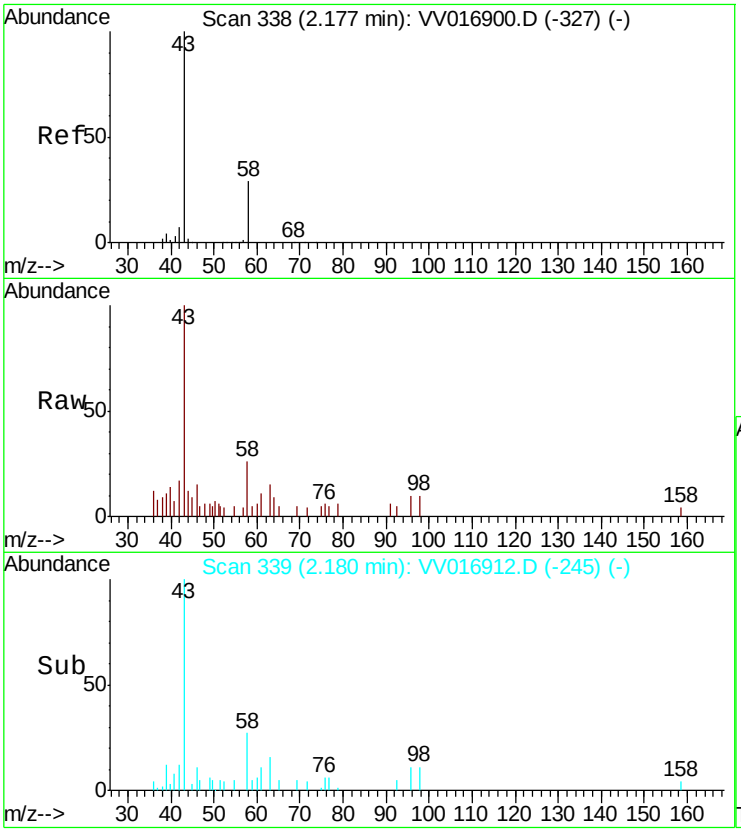


#12
1,1-Dichloroethene
Concen: 51.839 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 96 Resp: 93543

Ion	Ratio	Lower	Upper
96	100		
61	186.4	130.4	242.2
63	140.9	103.3	191.9



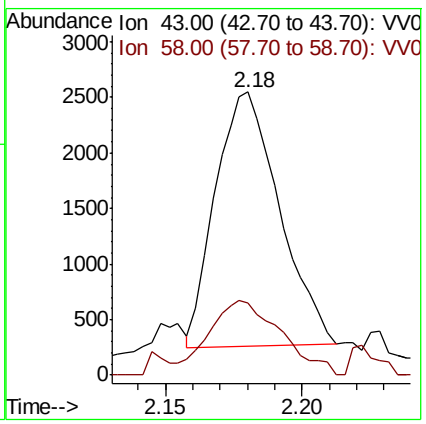


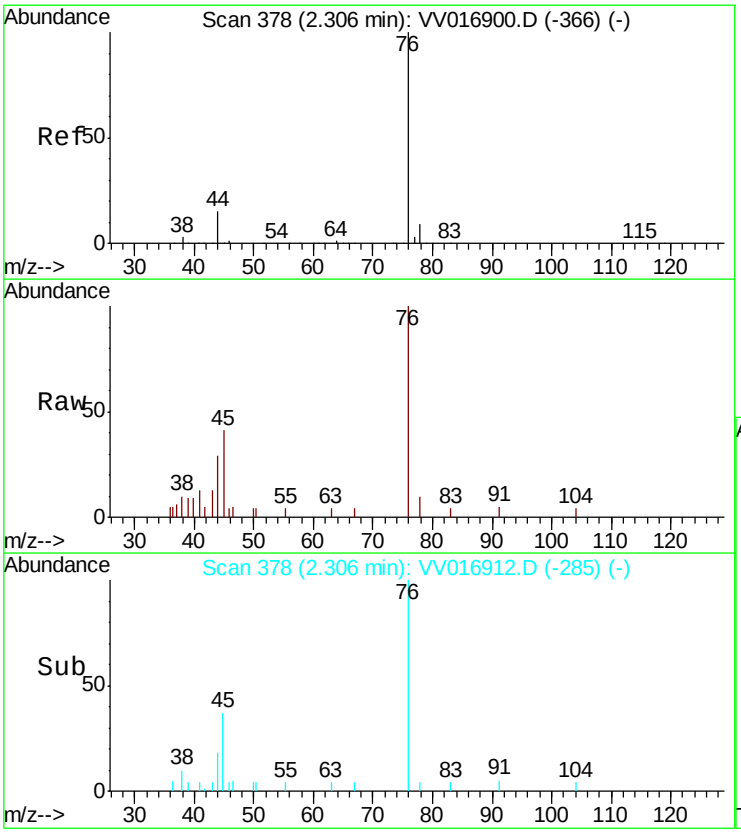
#13
Acetone
Concen: 2.982 ug/L
RT: 2.18 min Scan# 339
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Tgt Ion: 43 Resp: 3731

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	55.2

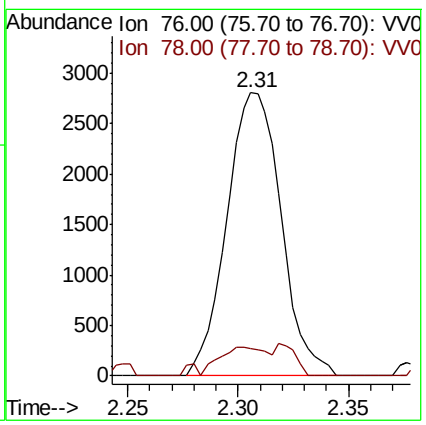


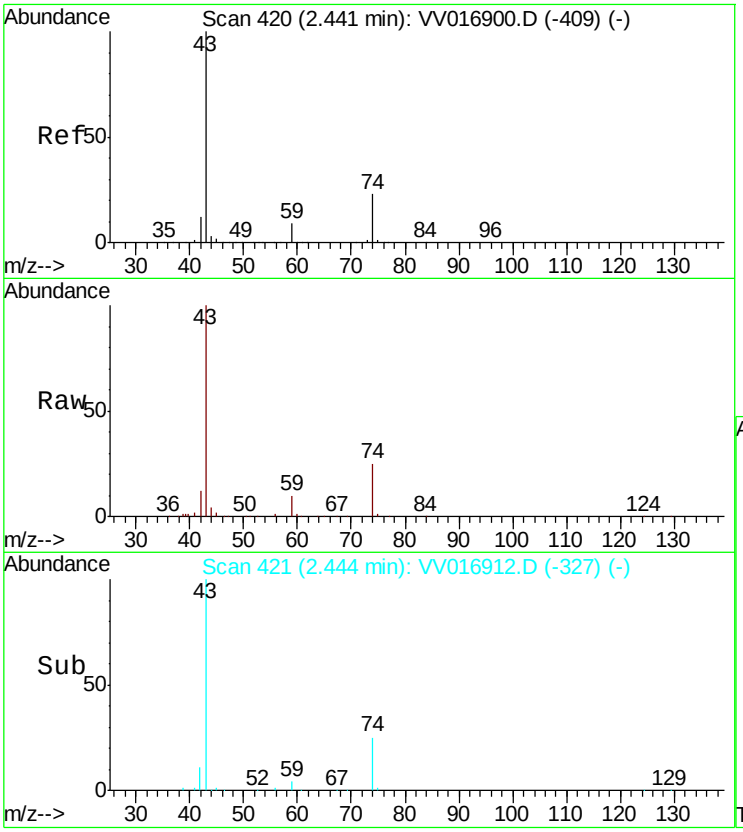


#14
Carbon disulfide
Concen: 0.735 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 76 Resp: 4802

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0



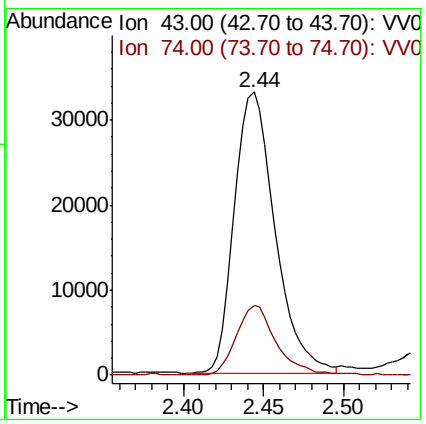


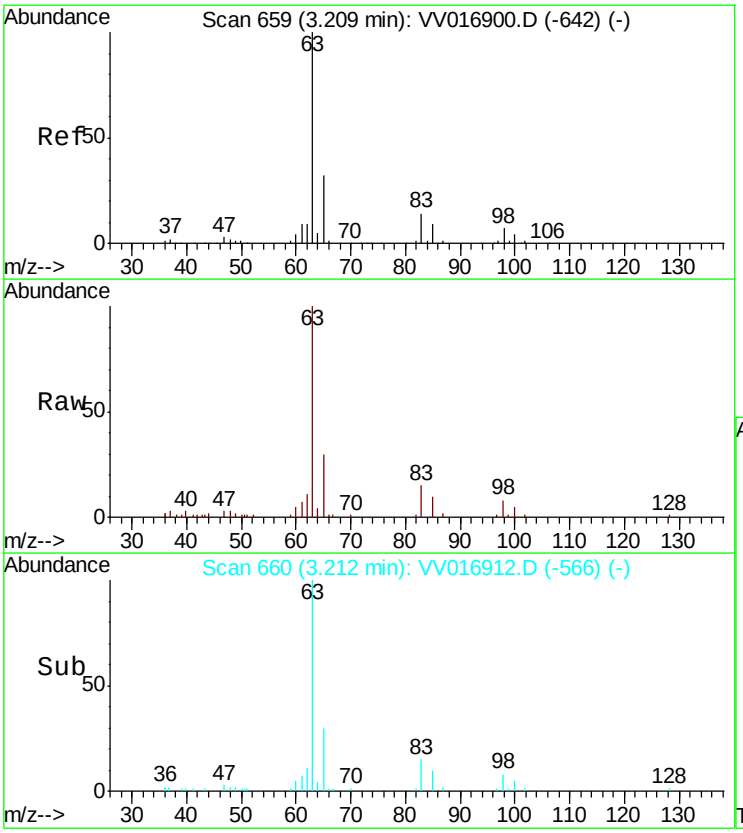
#15
Methyl Acetate
Concen: 20.673 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion: 43 Resp: 57645

Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.9	26.9

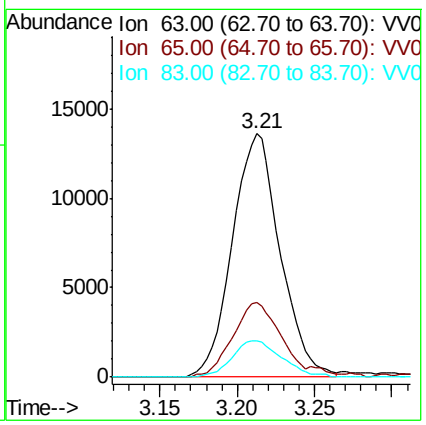


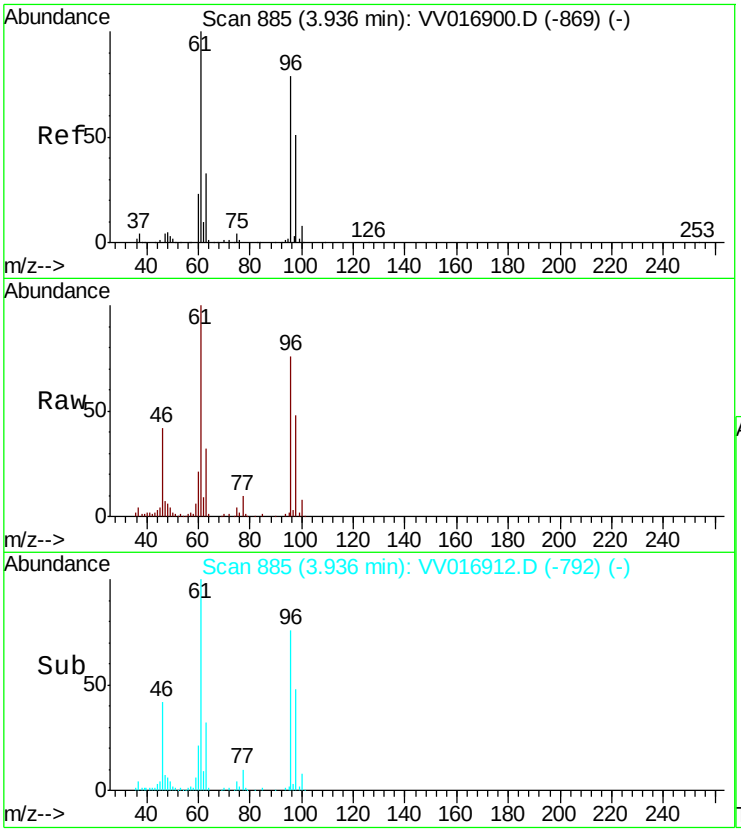


#19
1,1-Dichloroethane
Concen: 6.304 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 63 Resp: 29196

Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.2	43.0
83	15.1	10.0	18.6



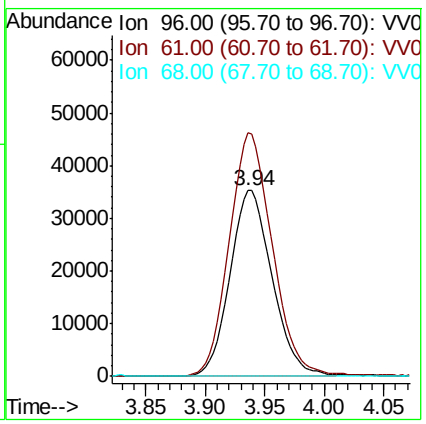


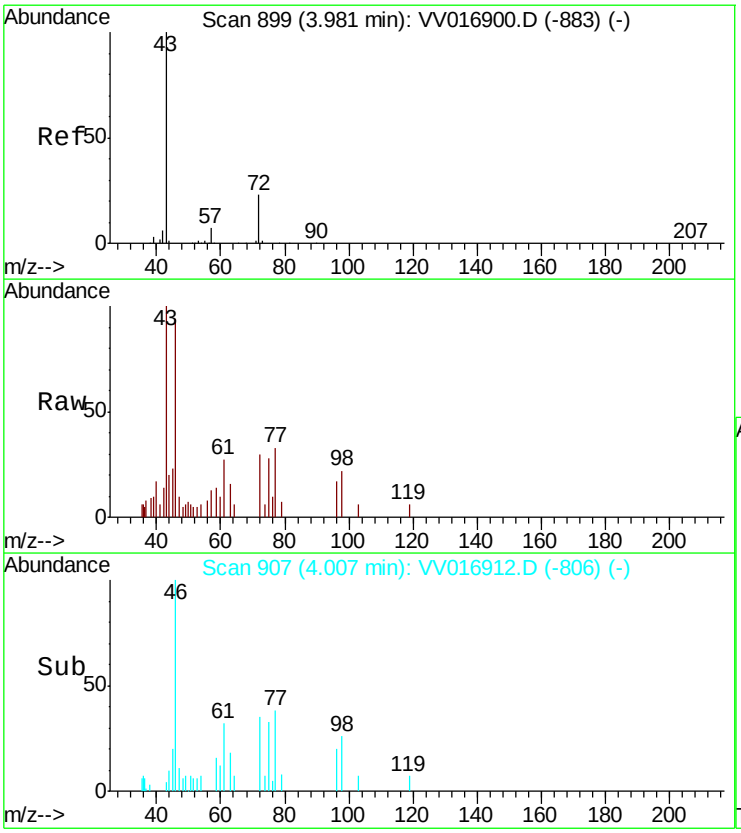
#20
cis-1,2-Dichloroethene
Concen: 32.254 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Tgt Ion: 96 Resp: 86515

Ion	Ratio	Lower	Upper
96	100		
61	131.1	93.4	173.4
68	0.0	0.0	0.0

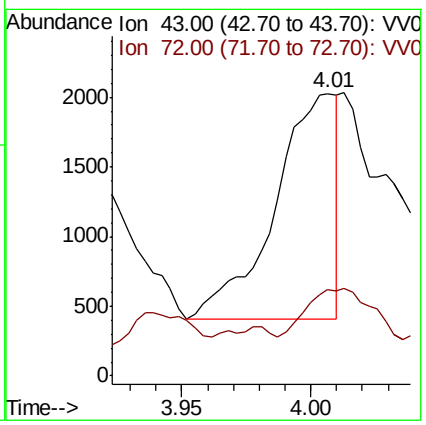


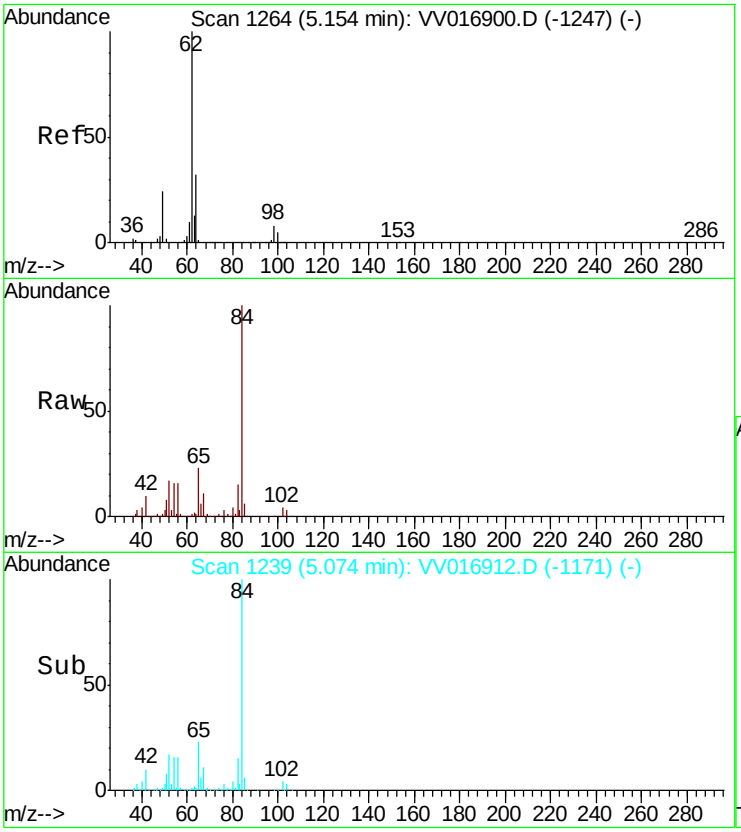


#22
2-Butanone
Concen: 1.400 ug/L
RT: 4.01 min Scan# 907
Delta R.T. 0.03 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 43 Resp: 2701

Ion	Ratio	Lower	Upper
43	100		
72	23.0	12.4	37.4



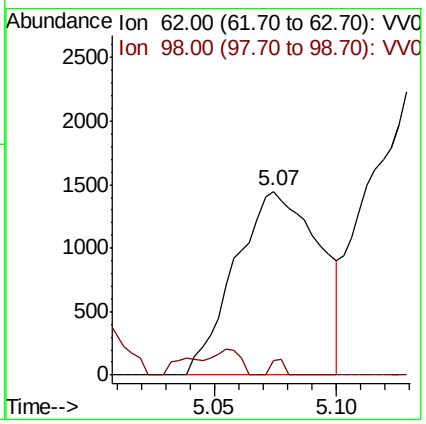


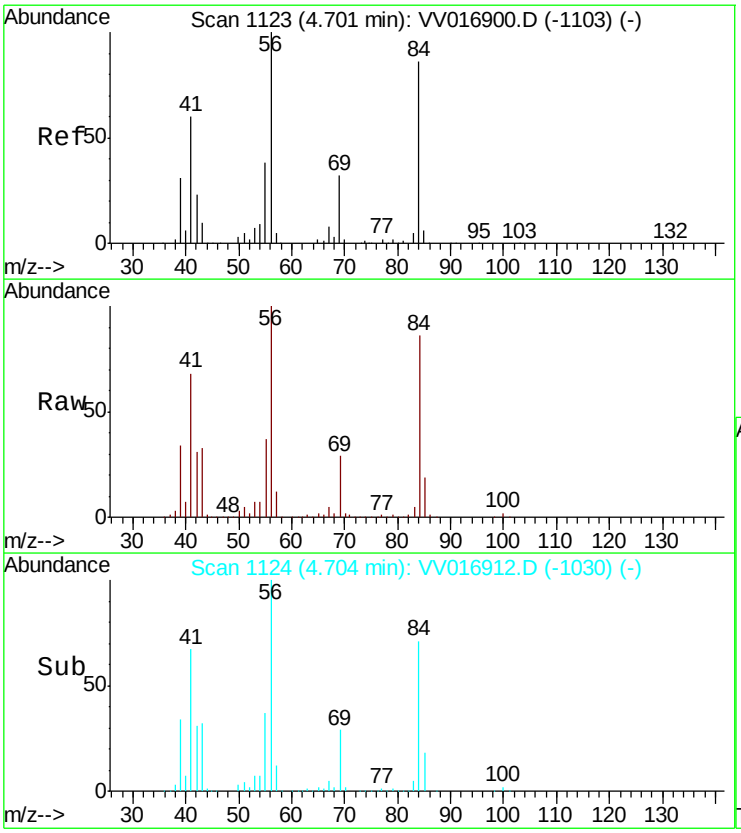
#27
1,2-Dichloroethane
Concen: 0.871 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion: 62 Resp: 3474

Ion	Ratio	Lower	Upper
62	100		
98	7.7	7.4	11.2

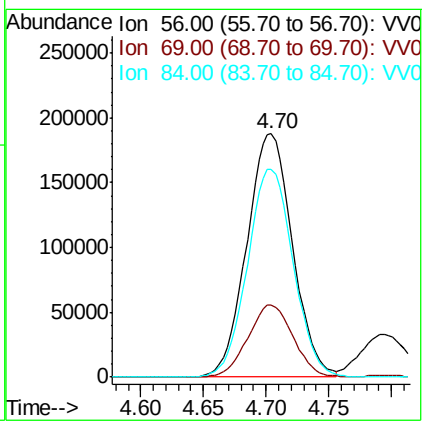


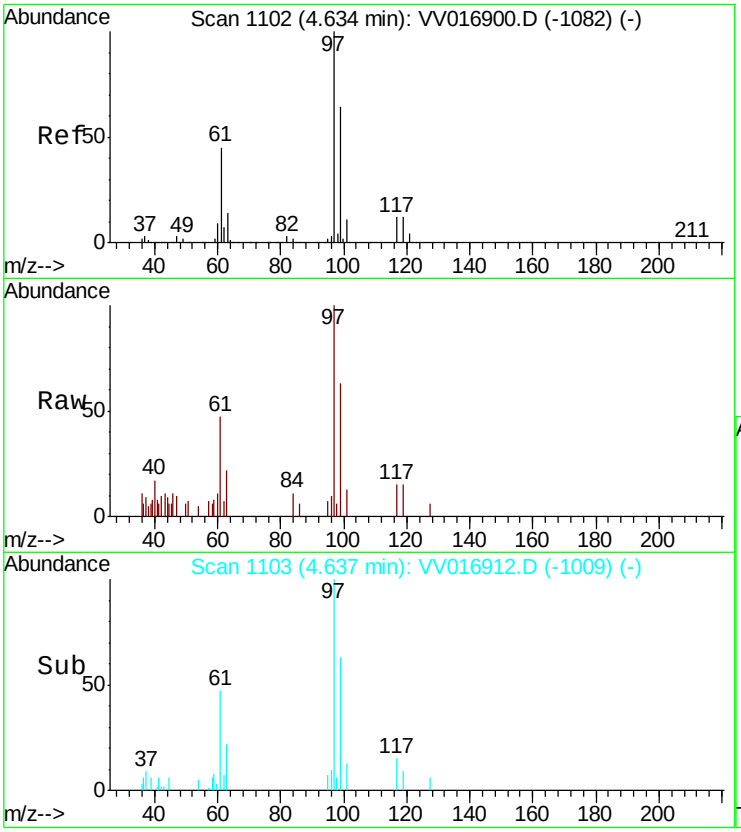


#29
Cyclohexane
Concen: 110.776 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 56 Resp: 476182

Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.0	37.4
84	85.8	69.5	104.3



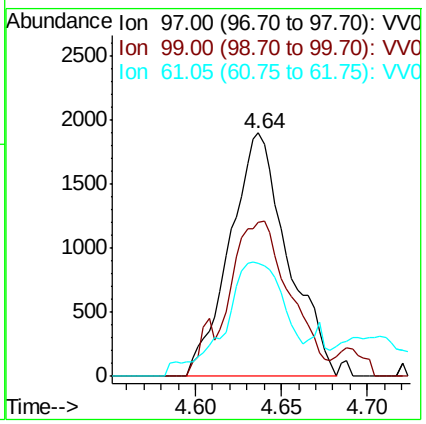


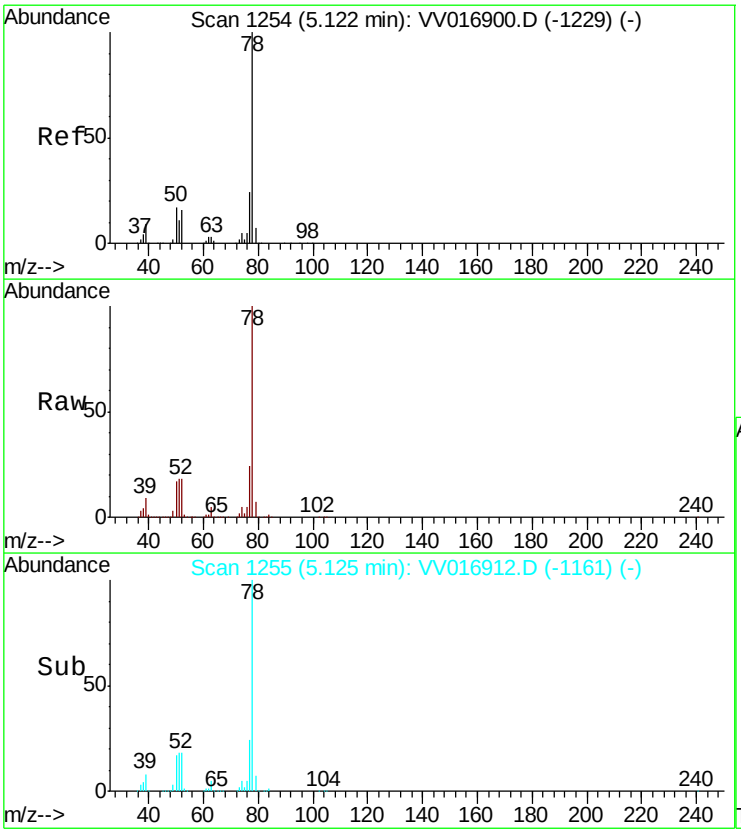
#30
1,1,1-Trichloroethane
Concen: 1.008 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Tgt Ion: 97 Resp: 4446

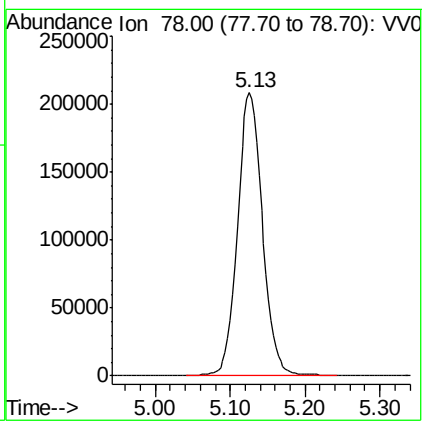
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	40.9	36.7	55.1

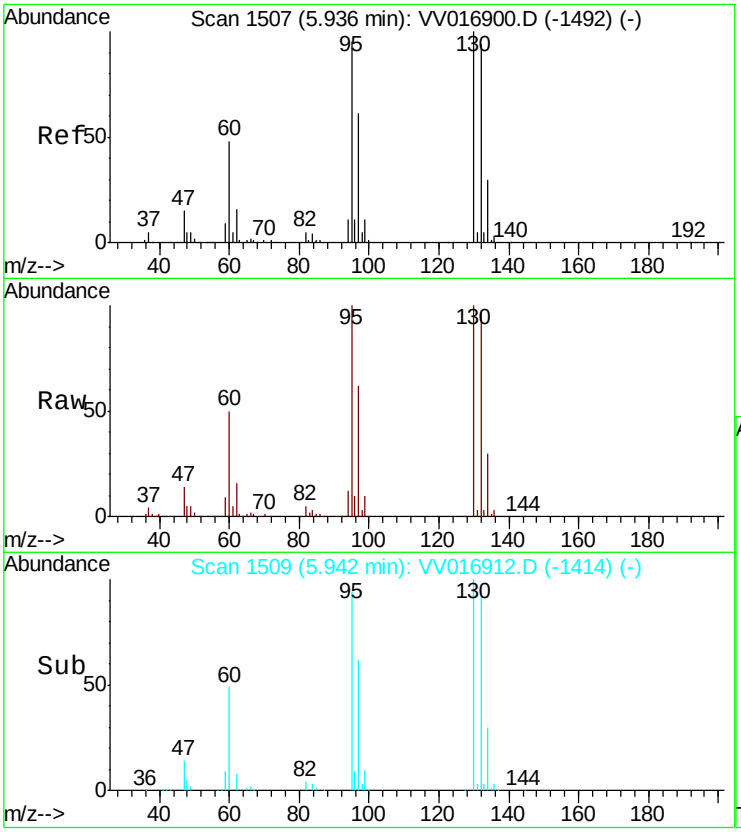




#33
Benzene
Concen: 47.275 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 78 Resp: 483855



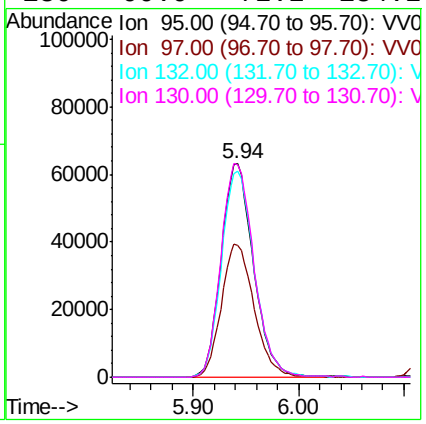


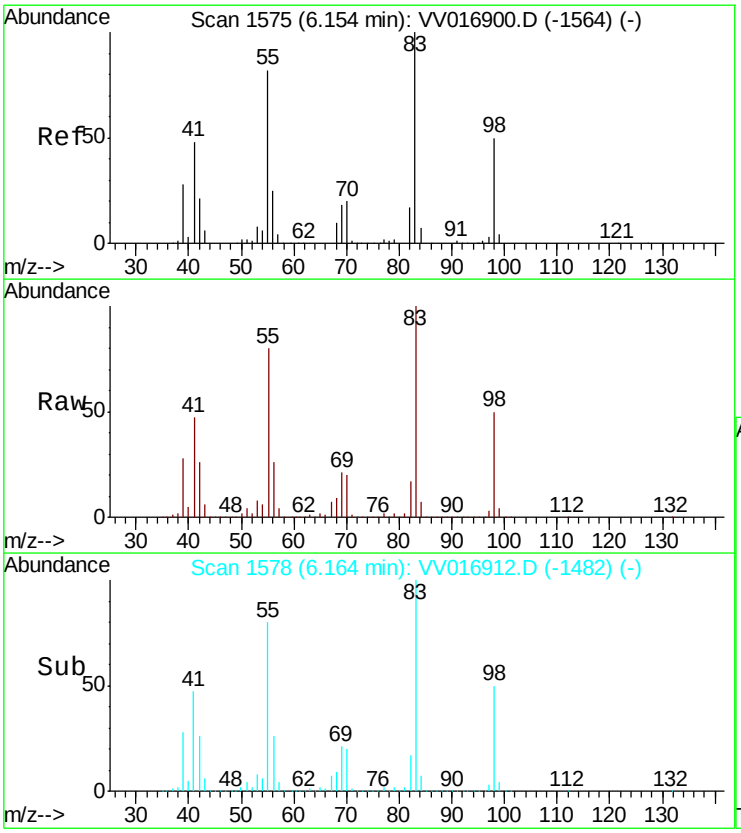
#34
Trichloroethene
Concen: 48.954 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion: 95 Resp: 134375

Ion	Ratio	Lower	Upper
95	100		
97	62.0	44.3	82.3
132	96.9	67.9	126.1
130	99.9	72.2	134.2

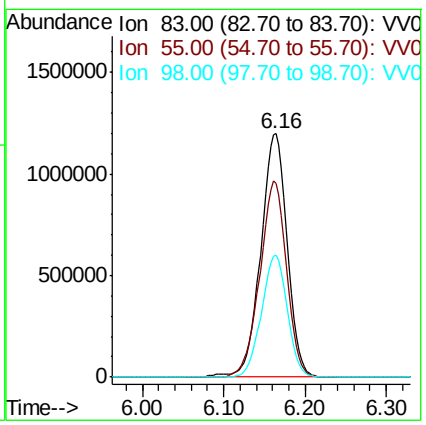


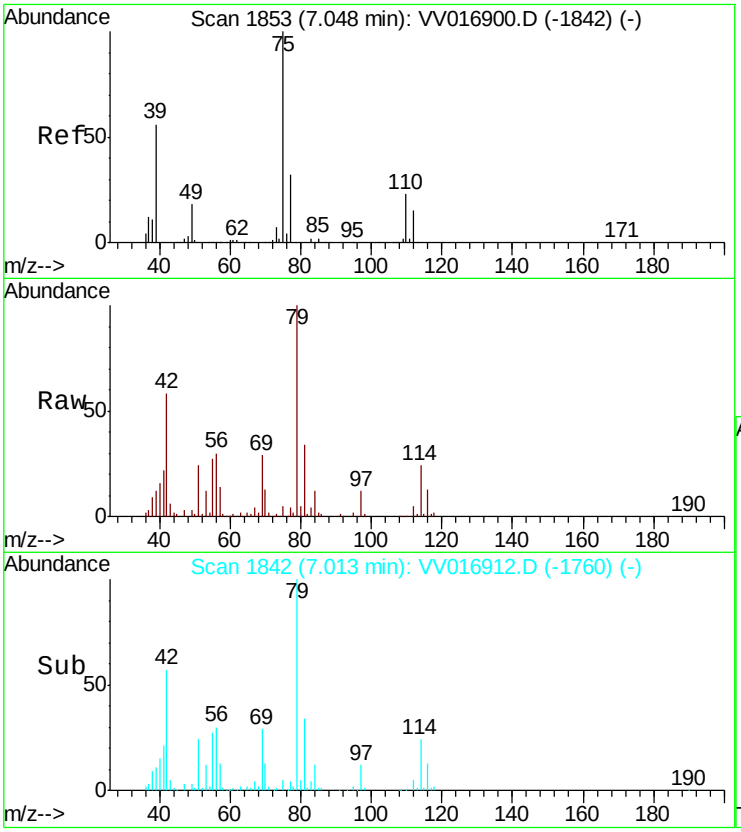


#35
Methylcyclohexane
Concen: 629.001 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 83 Resp: 2708616

Ion	Ratio	Lower	Upper
83	100		
55	81.3	64.2	96.2
98	49.0	40.3	60.5



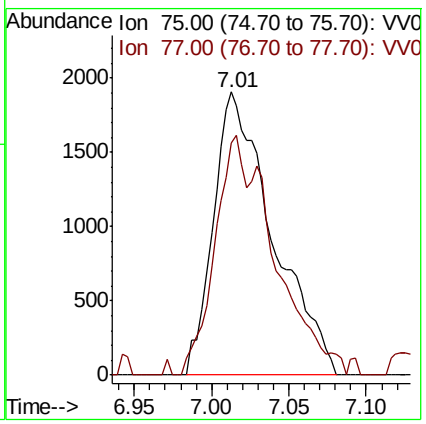


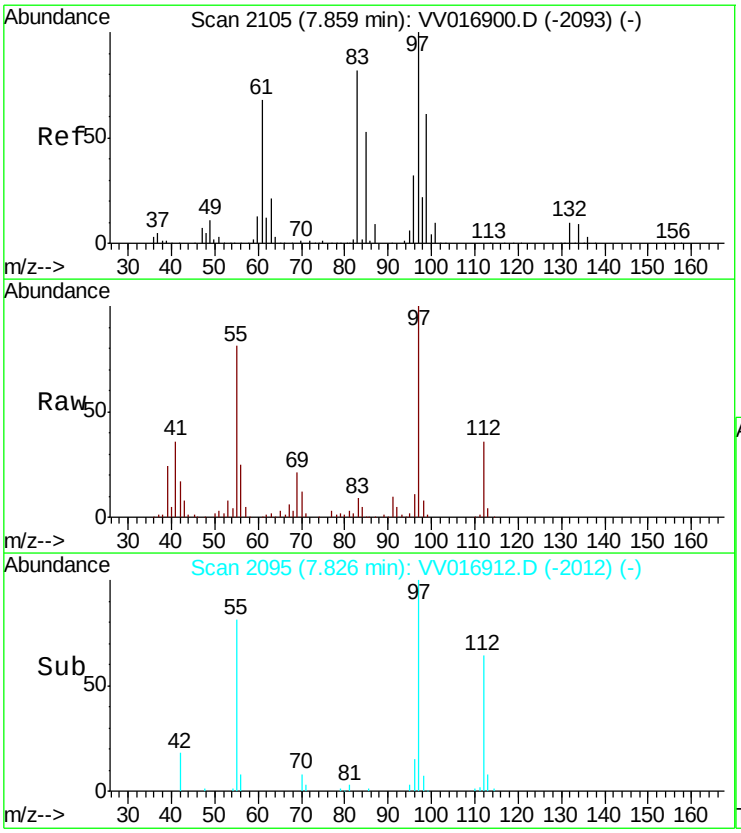
#39
cis-1,3-Dichloropropene
Concen: 1.231 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion: 75 Resp: 5091

Ion	Ratio	Lower	Upper
75	100		
77	82.0	22.7	42.1#

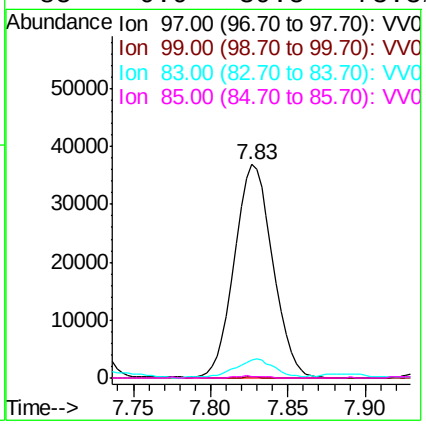


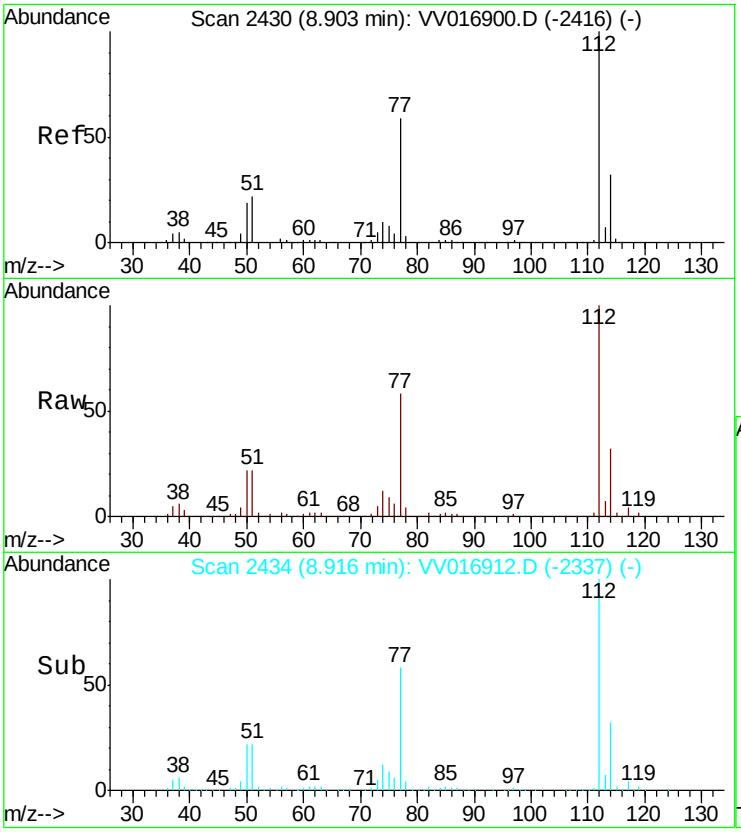


#45
1,1,2-Trichloroethane
Concen: 24.848 ug/L
RT: 7.83 min Scan# 2095
Delta R.T. -0.03 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion: 97 Resp: 63807

Ion	Ratio	Lower	Upper
97	100		
99	0.5	44.3	82.3#
83	8.5	60.0	111.4#
85	0.9	39.5	73.3#



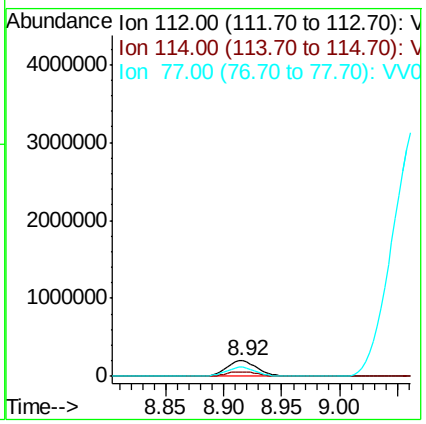


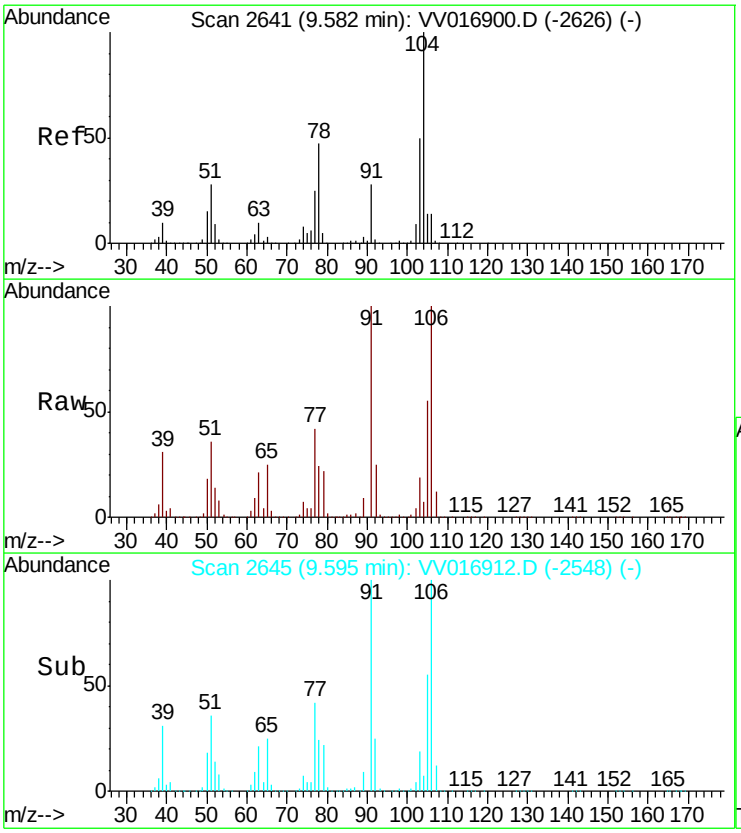
#51
Chlorobenzene
Concen: 51.764 ug/L
RT: 8.92 min Scan# 2434
Delta R.T. 0.01 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion:112 Resp: 364383

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.3
77	58.2	47.9	71.9

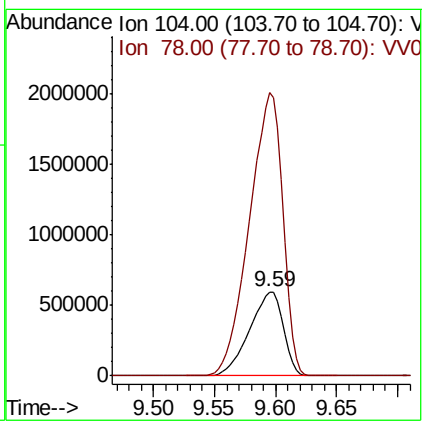


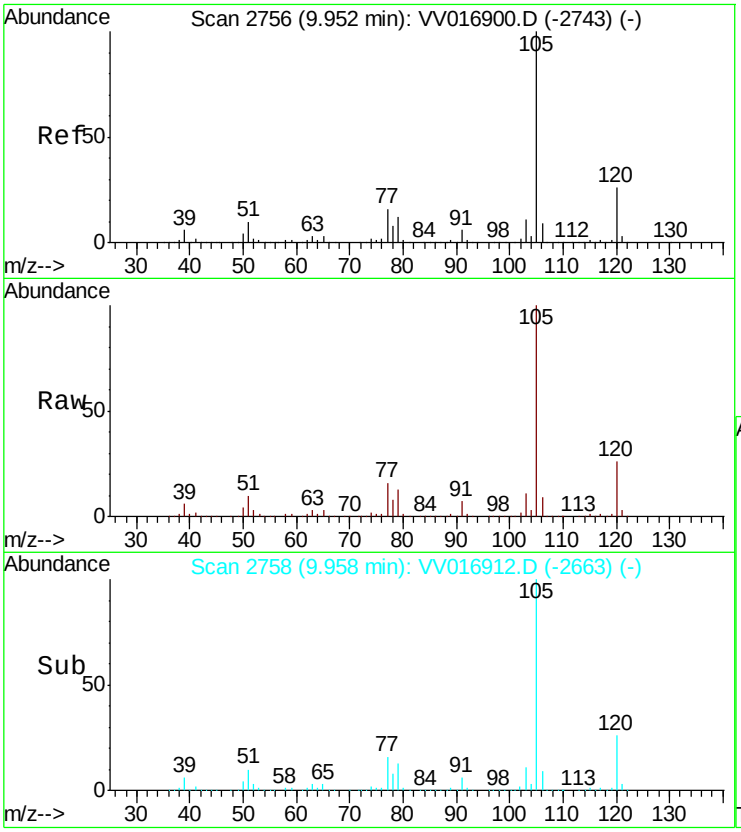


#55
Styrene
Concen: 153.509 ug/L
RT: 9.59 min Scan# 2645
Delta R.T. 0.01 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion:104 Resp: 1138968

Ion	Ratio	Lower	Upper
104	100		
78	336.4	32.6	60.6#



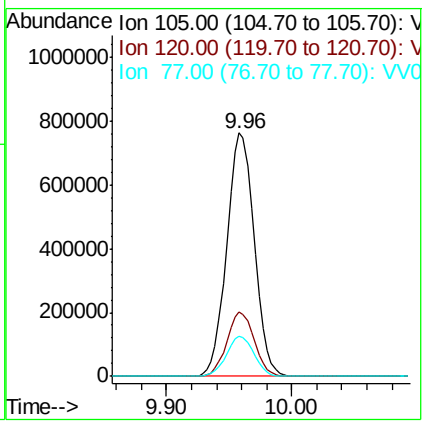


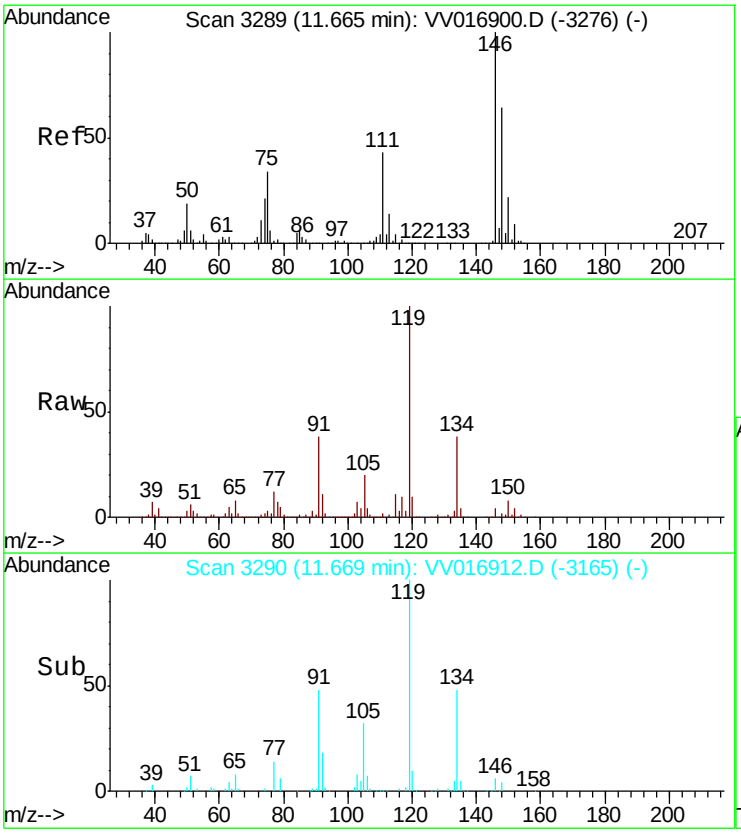
#56
Isopropylbenzene
Concen: 98.234 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument : MSVOA_V
ClientSampleId : E3YG8MSD

Tgt Ion:105 Resp: 1158347

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.2	31.8
77	16.4	13.0	19.4

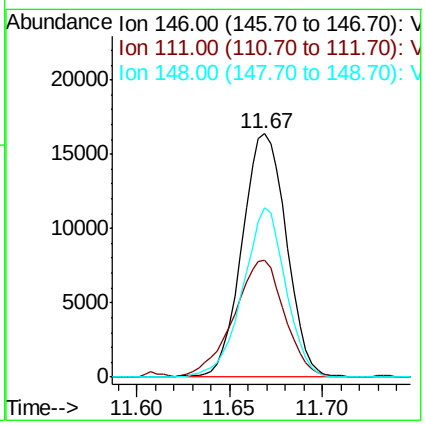


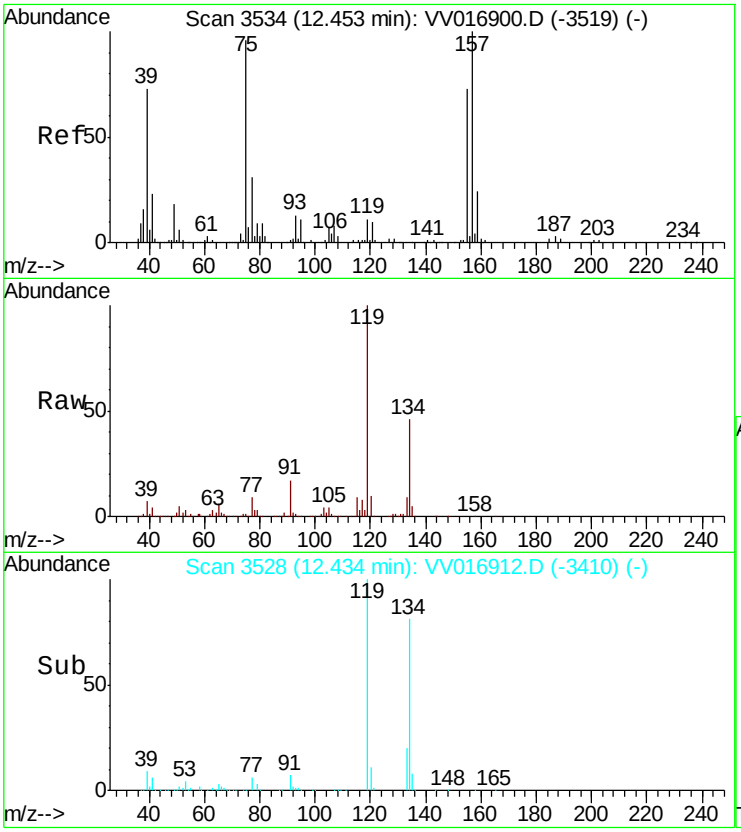


#65
1,2-Dichlorobenzene
Concen: 4.636 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion:146 Resp: 27328

Ion	Ratio	Lower	Upper
146	100		
111	48.1	33.7	50.5
148	69.7	50.7	76.1



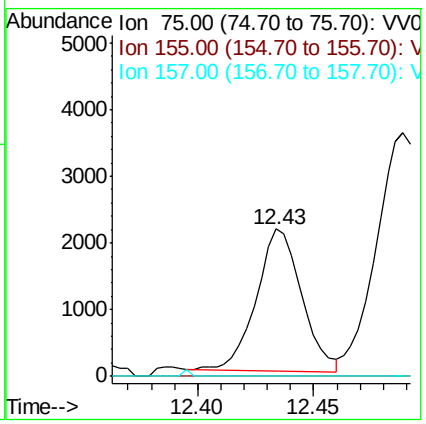


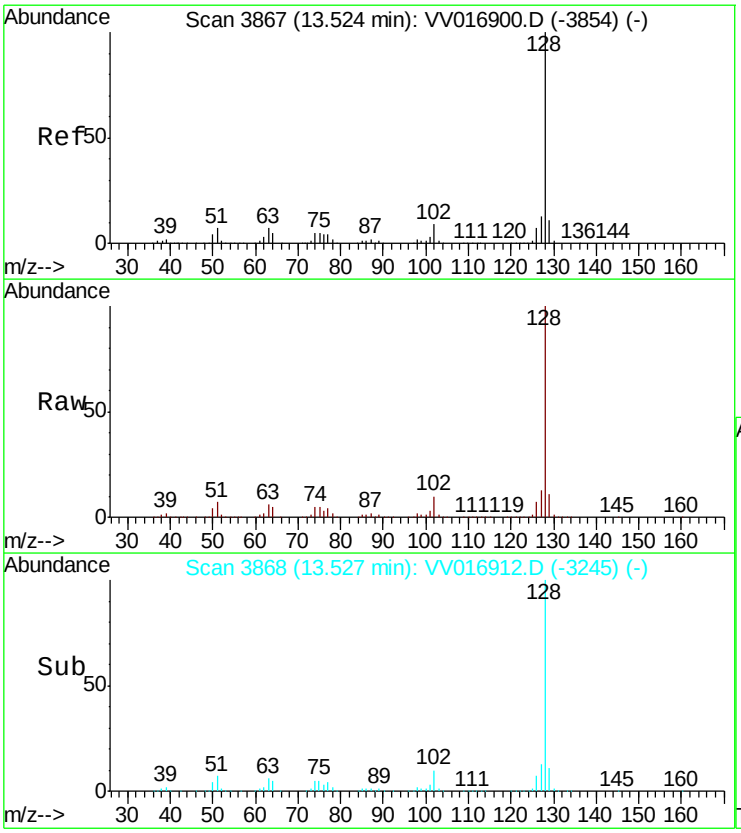
#66
1,2-Dibromo-3-chloropropane
Concen: 3.112 ug/L
RT: 12.43 min Scan# 3528
Delta R.T. -0.02 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Instrument :
MSVOA_V
ClientSampleId :
E3YG8MSD

Tgt Ion: 75 Resp: 2884

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.8	104.6#
157	0.0	83.4	125.2#





#69
Naphthalene
Concen: 87.641 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016912.D
Acq: 13 Jun 2020 05:17

Tgt Ion:128 Resp: 1014207

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.7	13.1