Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W8ME

Quant Time: Sep 30 01:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372089	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367150	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	197537	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	94257	43.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.38%			
7) Chloroethane-d5	1.58	69	71459	39.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.20%			
11) 1,1-Dichloroethene-d2	2.10	63	143067	32.18	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.36%			
21) 2-Butanone-d5	3.93	46	123707	76.00	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.00%			
24) Chloroform-d	4.37	84	205336	43.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.02%			
26) 1,2-Dichloroethane-d4	5.06	65	140522	46.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.82%			
32) Benzene-d6	5.07	84	422086	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.78%			
36) 1,2-Dichloropropane-d6	6.09	67	131004	46.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.24%			
41) Toluene-d8	7.34	98	396384	45.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.62%			
43) trans-1,3-Dichloropropene-	7.64	79	65891	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.82%			
47) 2-Hexanone-d5	8.14	63	100730	94.38	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.38%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	166032	44.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.14%			
64) 1,2-Dichlorobenzene-d4	11.65	152	180284	47.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.92%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.93	96	11274	3.991	ug/L	95
29) Cyclohexane	4.69	56	44036	10.516	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	37609	8.251	ug/L	97
31) Carbon tetrachloride	4.62	117	4883	1.194	ug/L	95
35) Methylcyclohexane	6.09	83	31770	7.521	ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	3998	0.921	ug/L #	61
42) Toluene	7.41	91	451131	38.662	ug/L	98
48) 2-Hexanone	8.15	43	9455	3.394	ug/L #	64
52) Ethylbenzene	9.04	91	169705	13.023	ug/L	100
53) m,p-Xylene	9.16	106	292632	58.107	ug/L	97
54) o-xylene	9.57	106	110554	23.187	ug/L	98
55) Styrene	9.57	104	6355	0.765	ug/L #	1
56) Isopropylbenzene	9.96	105	124057	9.702	ug/L	99
59) 1,2,3-Trichloropropane	10.38	75	4162	1.236	ug/L #	1
65) 1,2-Dichlorobenzene	11.67	146	7138	1.129	ug/L #	91
66) 1,2-Dibromo-3-chloropropan	12.44	75	1194	1.383	ug/L #	1
69) Naphthalene	13.53	128	295373	25.041	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W8ME

Quant Time: Sep 30 01:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration

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

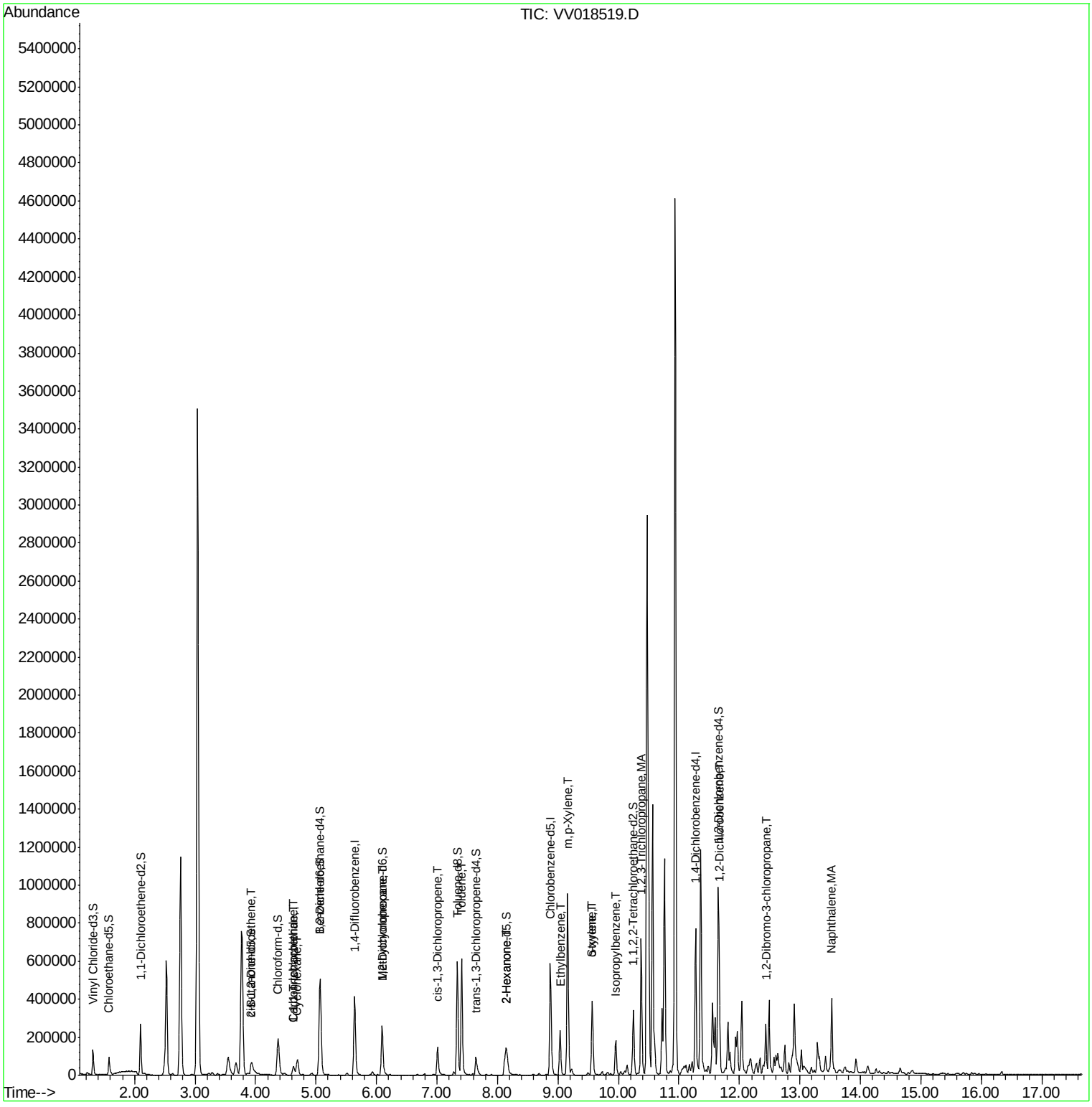
(#) = qualifier out of range (m) = manual integration (+) = signals summed

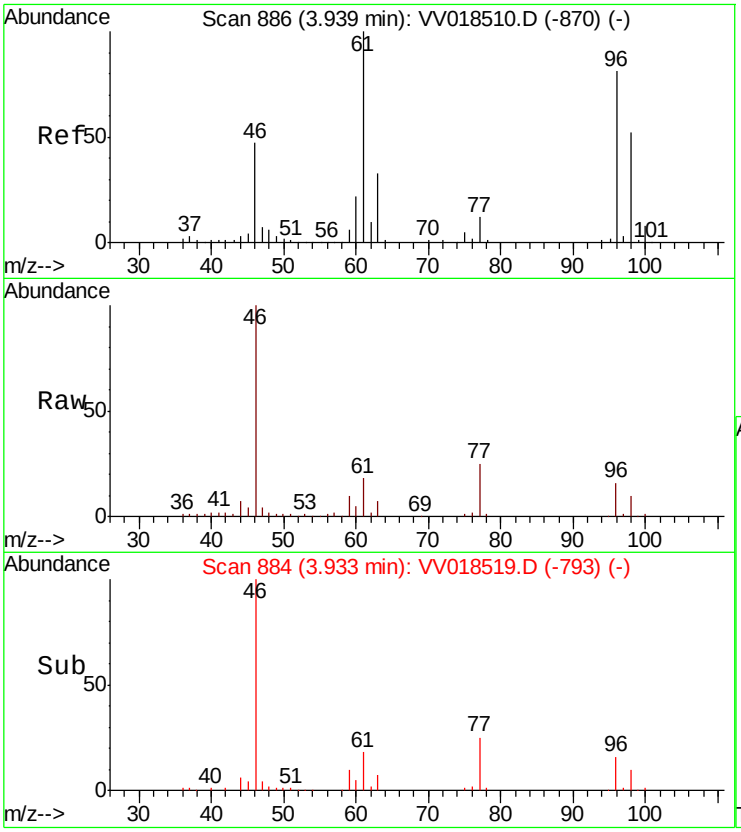
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
Data File : VV018519.D
Acq On : 29 Sep 2020 16:19
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Quant Time: Sep 30 01:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 01:47:57 2020
Response via : Initial Calibration



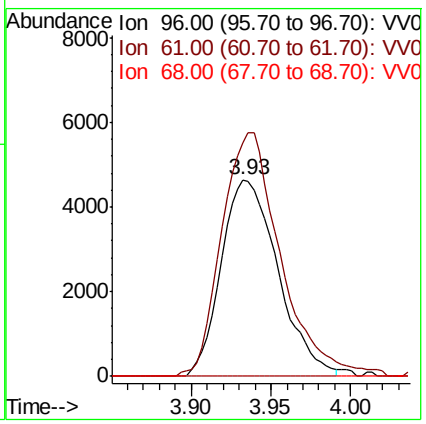


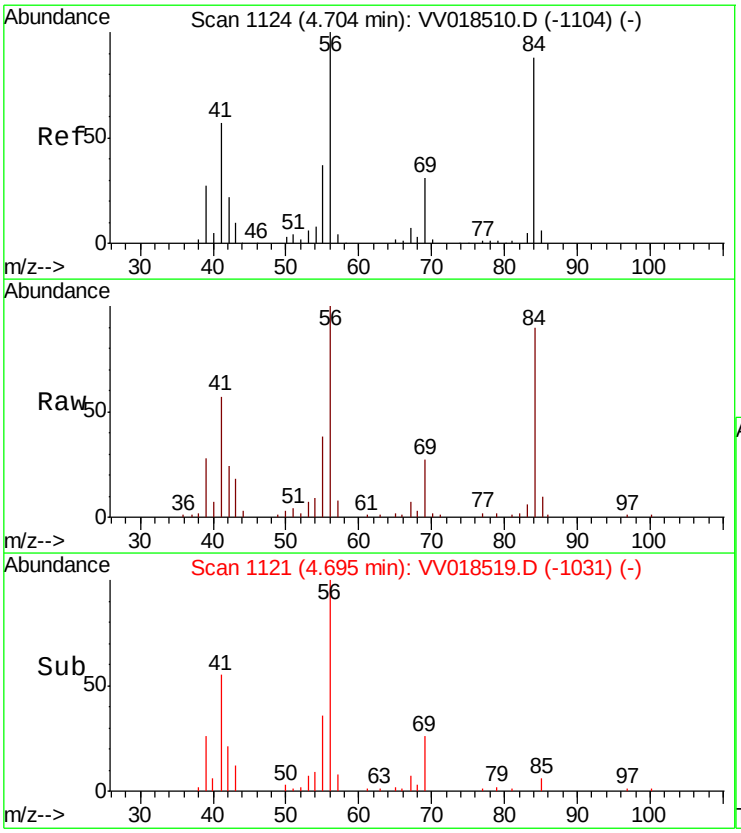
#20
cis-1,2-Dichloroethene
Concen: 3.991 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.01 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion: 96 Resp: 11274

Ion	Ratio	Lower	Upper
96	100		
61	118.7	86.8	161.2
68	0.0	0.0	0.0

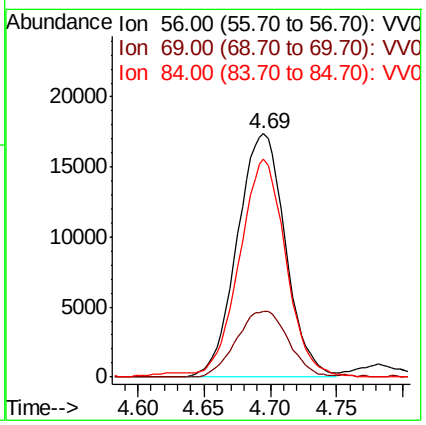


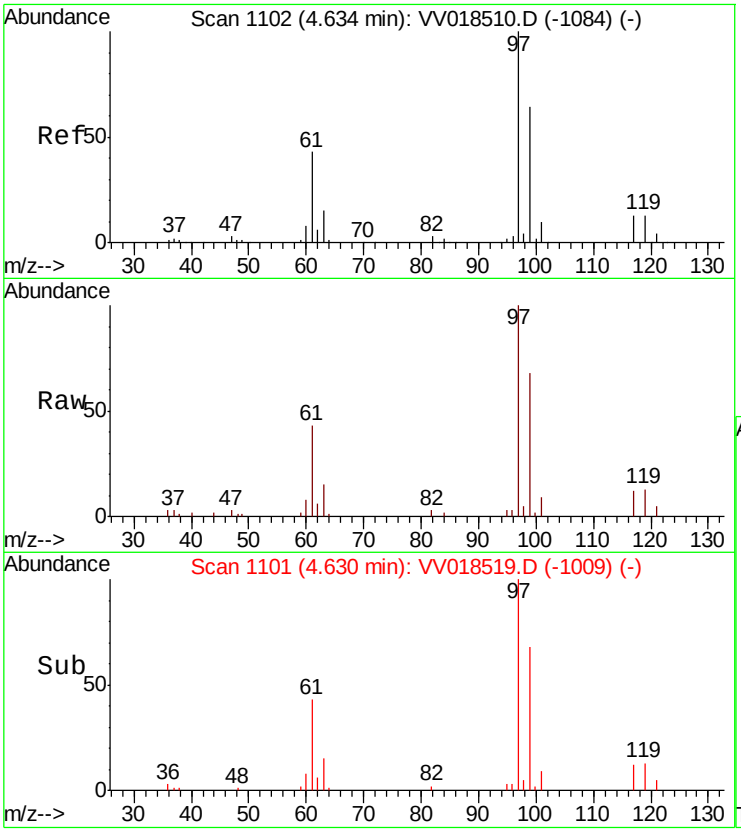


#29
Cyclohexane
Concen: 10.516 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion: 56 Resp: 44036

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.8	37.2
84	86.4	72.2	108.4



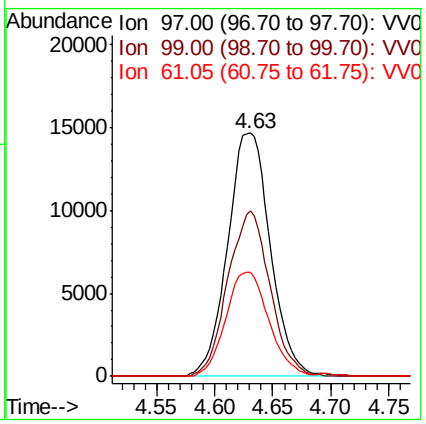


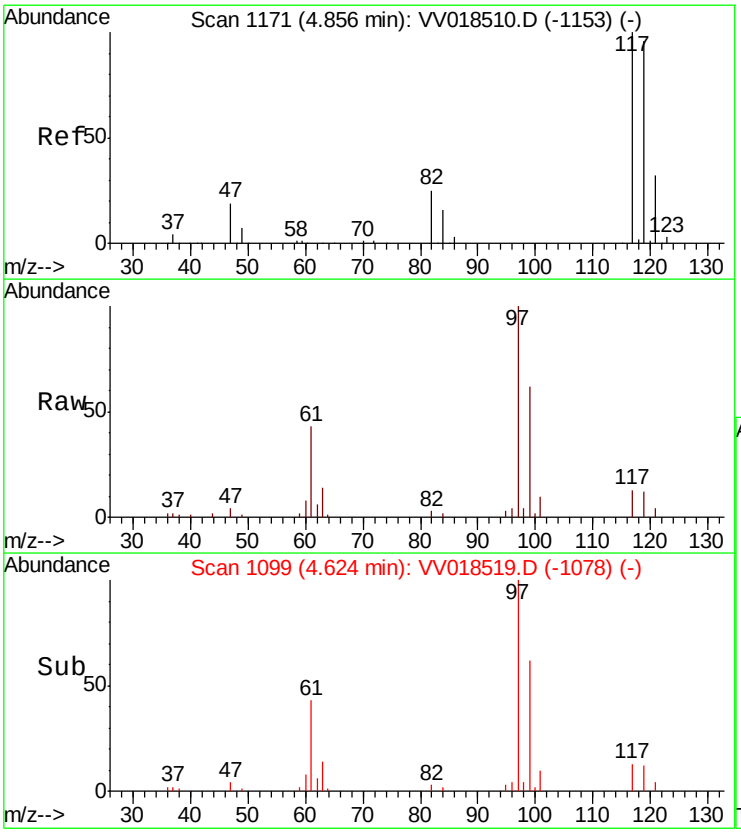
#30
1,1,1-Trichloroethane
Concen: 8.251 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion: 97 Resp: 37609

Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.4	77.0
61	43.1	33.9	50.9

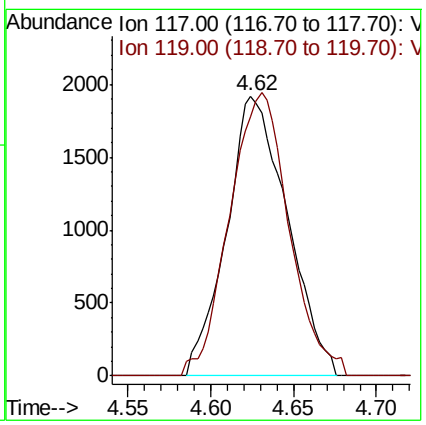


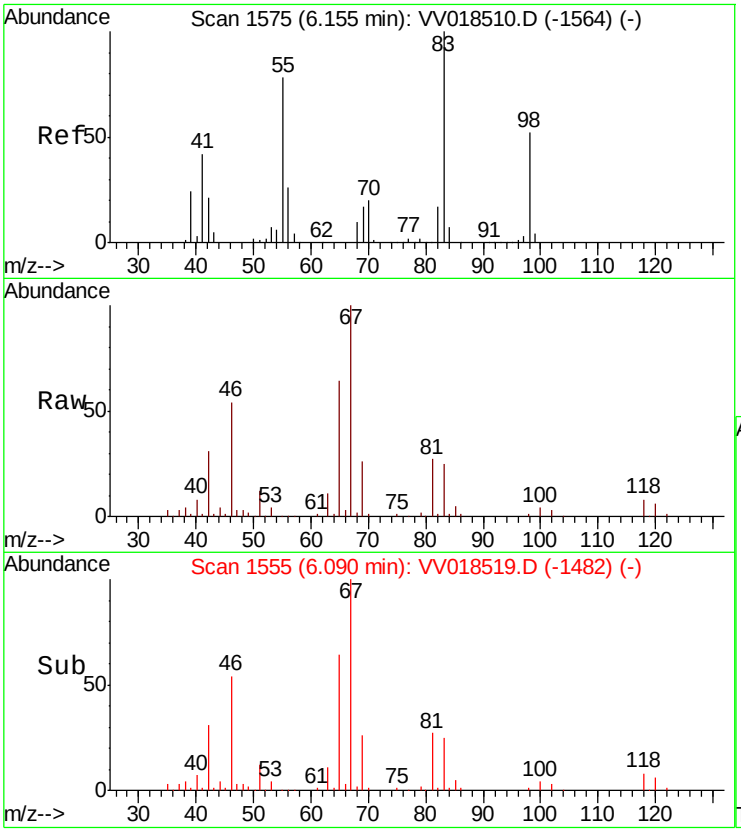


#31
Carbon tetrachloride
Concen: 1.194 ug/L
RT: 4.62 min Scan# 1099
Delta R.T. -0.23 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion:117 Resp: 4883

Ion	Ratio	Lower	Upper
117	100		
119	91.3	77.0	115.6



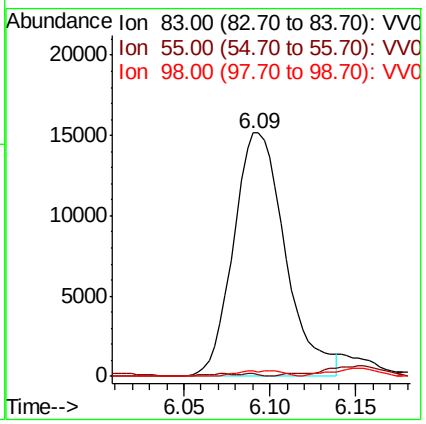


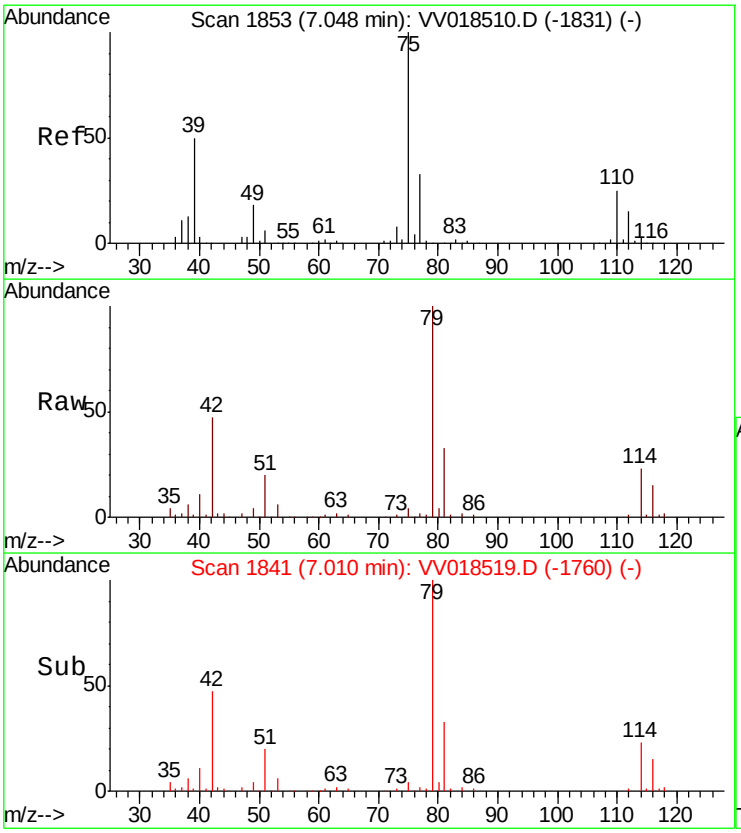
#35
Methylcyclohexane
Concen: 7.521 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument : MSVOA_V
ClientSampleId : BG3W8ME

Tgt Ion: 83 Resp: 31770

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.1	90.1#
98	1.0	40.2	60.4#

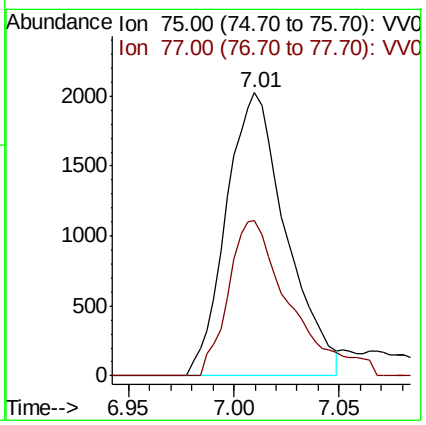


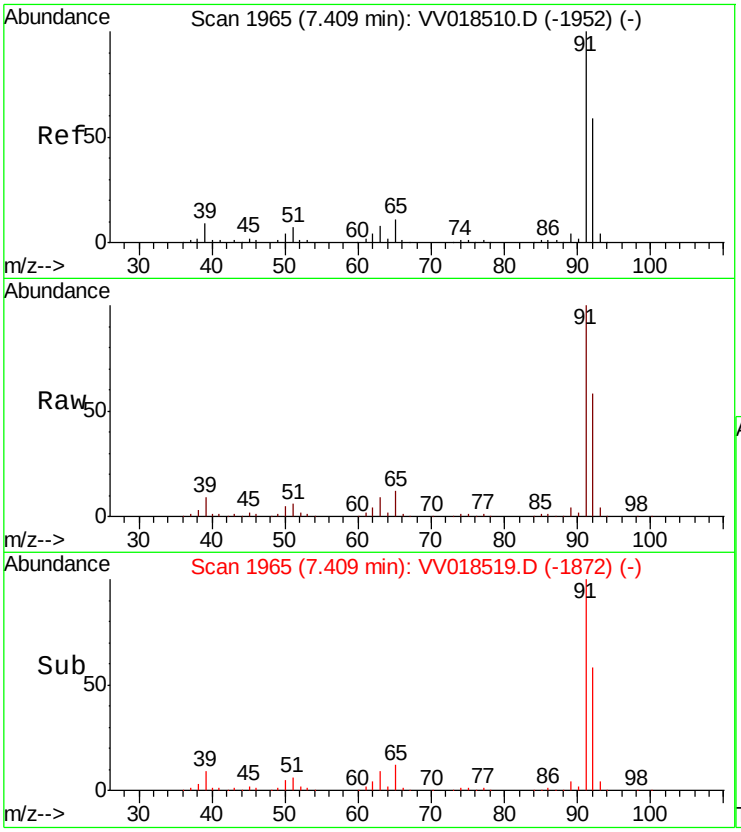


#39
cis-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion: 75 Resp: 3998

Ion	Ratio	Lower	Upper
75	100		
77	54.9	23.0	42.6#



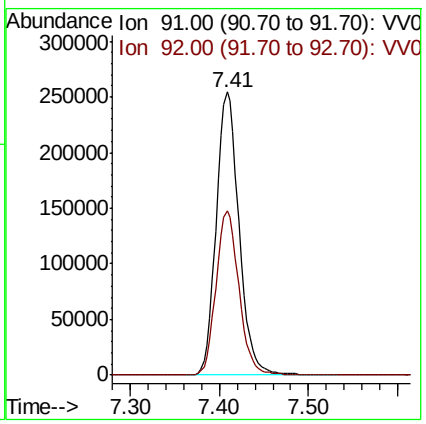


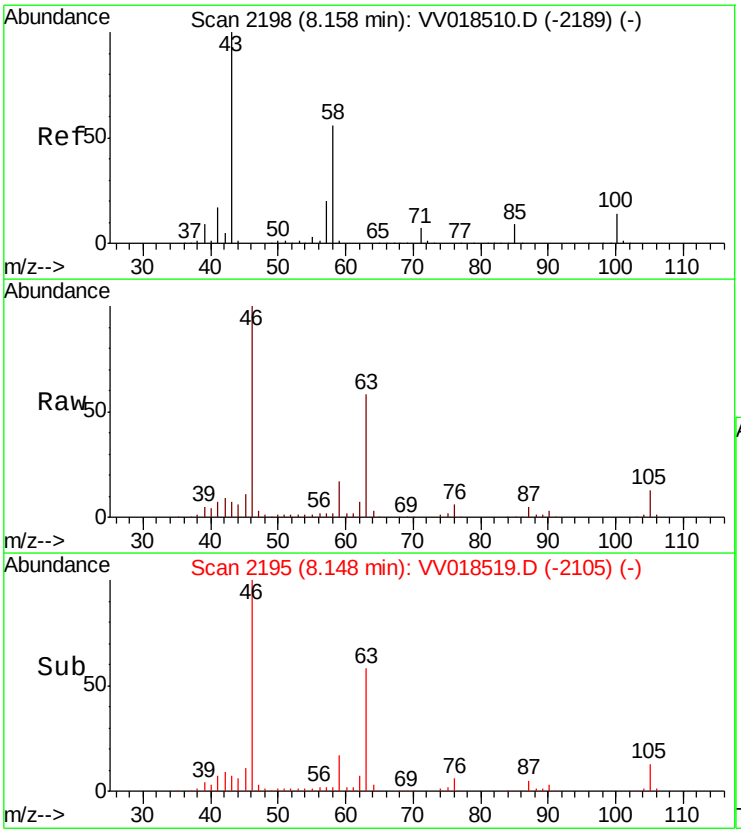
#42
Toluene
Concen: 38.662 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion: 91 Resp: 451131

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.6	77.3

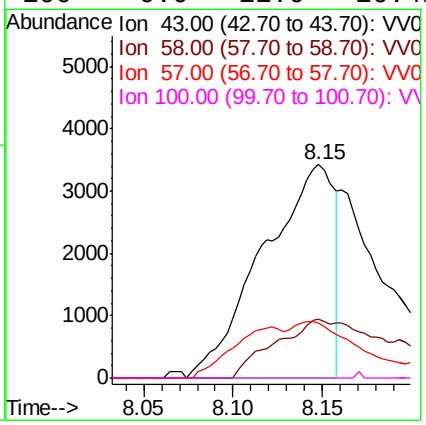


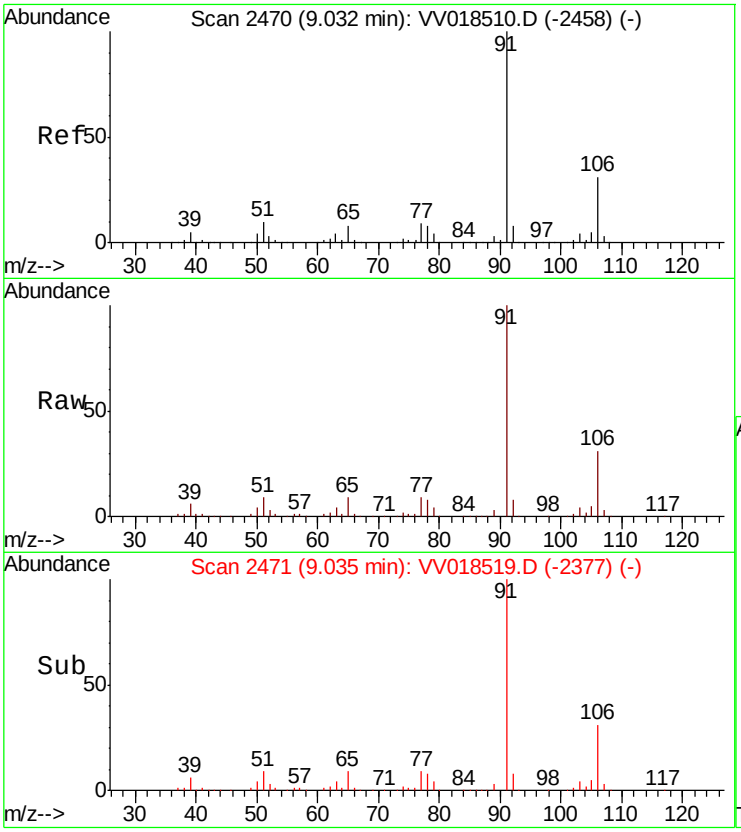


#48
2-Hexanone
Concen: 3.394 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion: 43 Resp: 9455

Ion	Ratio	Lower	Upper
43	100		
58	21.3	45.1	67.7#
57	17.4	15.7	23.5
100	0.0	11.0	16.4#



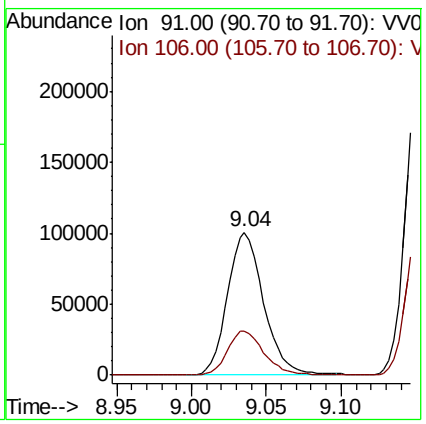


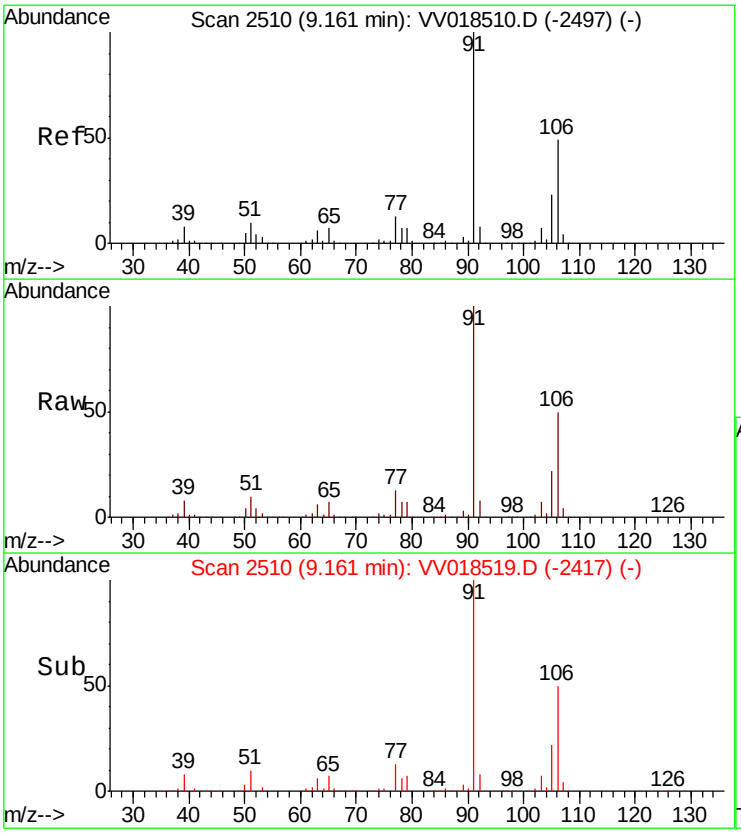
#52
Ethylbenzene
Concen: 13.023 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion: 91 Resp: 169705

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.9	40.7

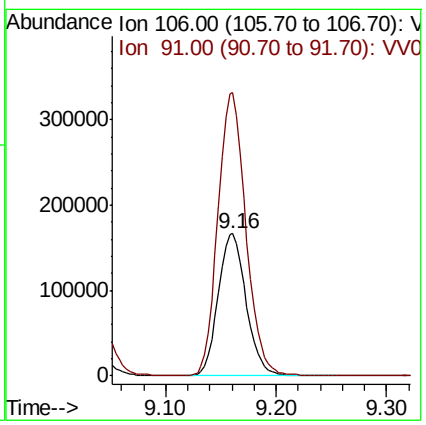


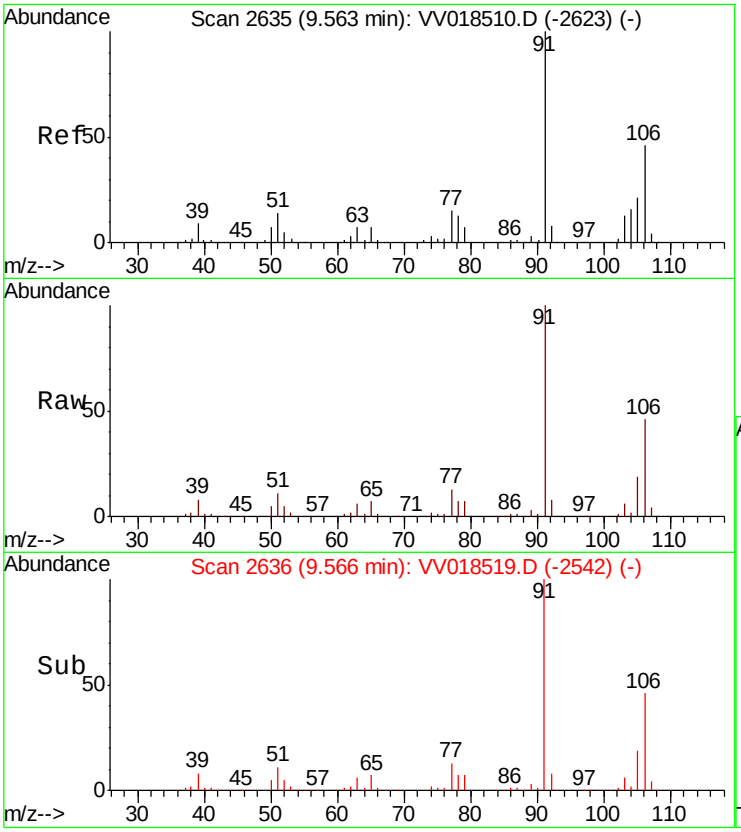


#53
m,p-Xylene
Concen: 58.107 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion:106 Resp: 292632

Ion	Ratio	Lower	Upper
106	100		
91	198.6	142.3	264.3



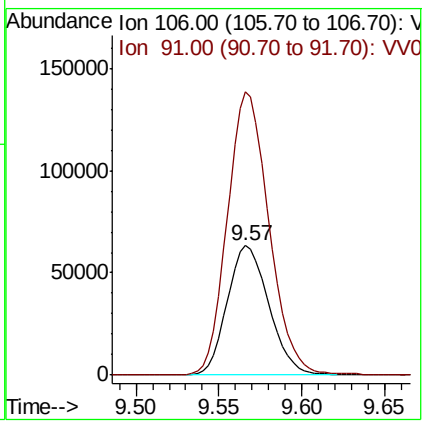


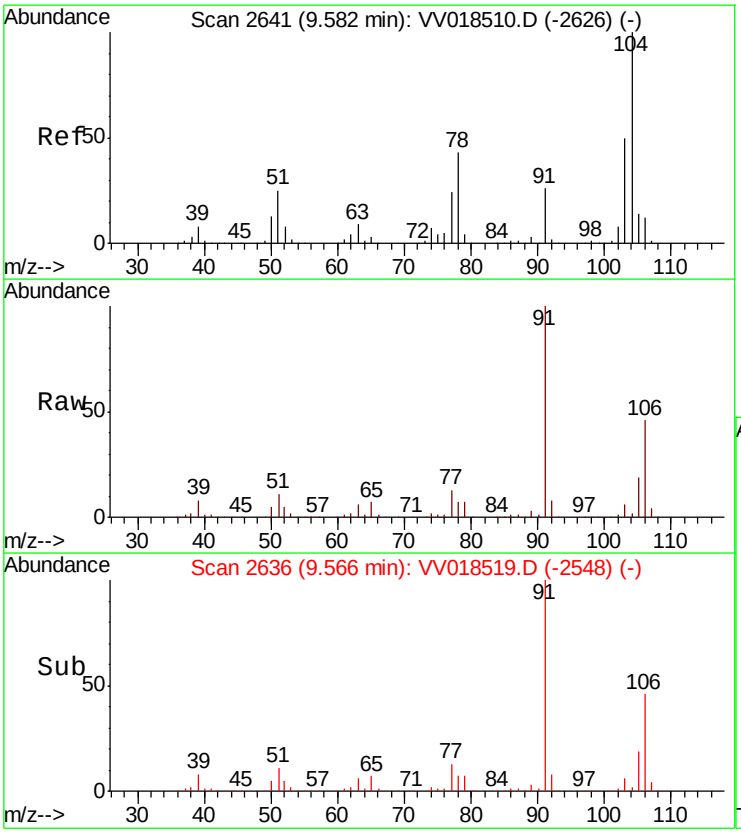
#54
o-xylene
Concen: 23.187 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion:106 Resp: 110554

Ion	Ratio	Lower	Upper
106	100		
91	218.9	151.0	280.4

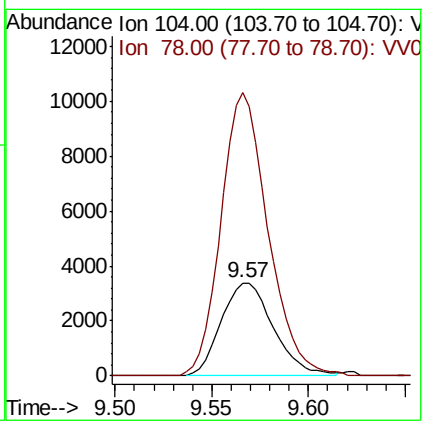


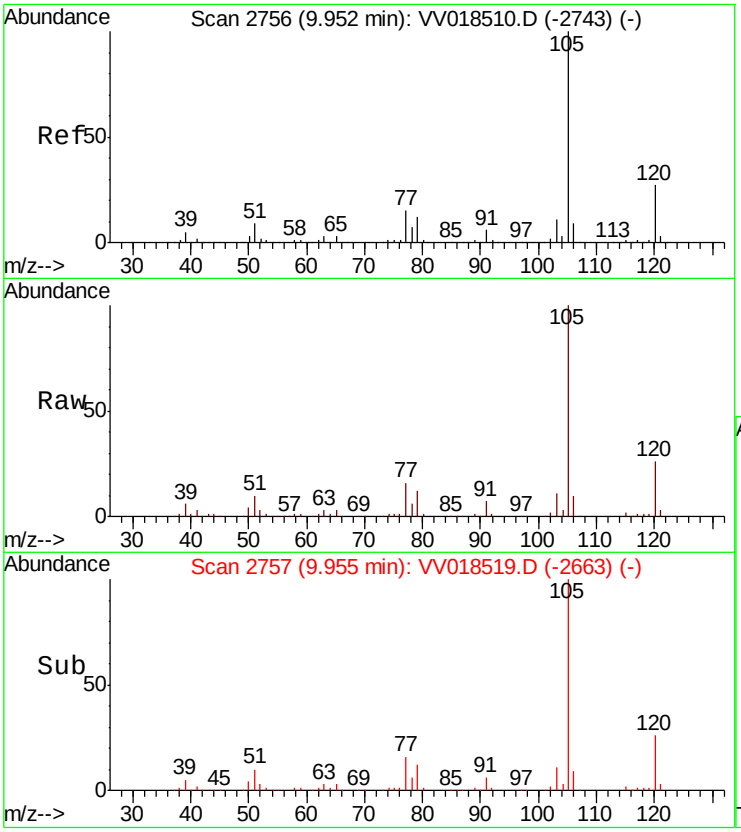


#55
Styrene
Concen: 0.765 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.02 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion:104 Resp: 6355

Ion	Ratio	Lower	Upper
104	100		
78	304.6	30.2	56.2#



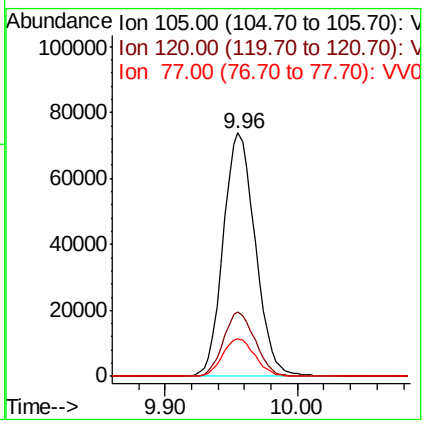


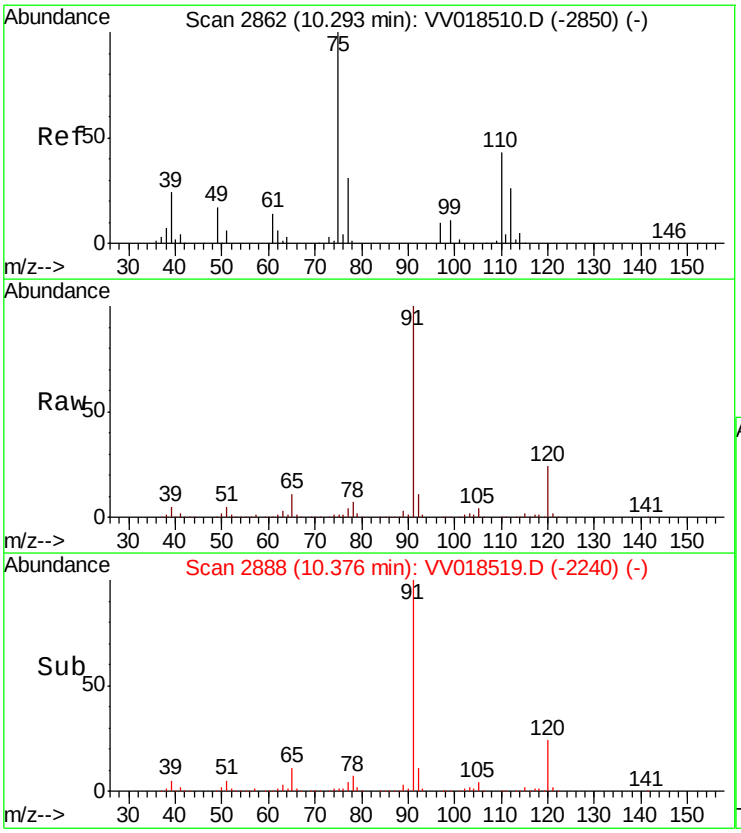
#56
Isopropylbenzene
Concen: 9.702 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion:105 Resp: 124057

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.5	32.3
77	15.7	12.2	18.2

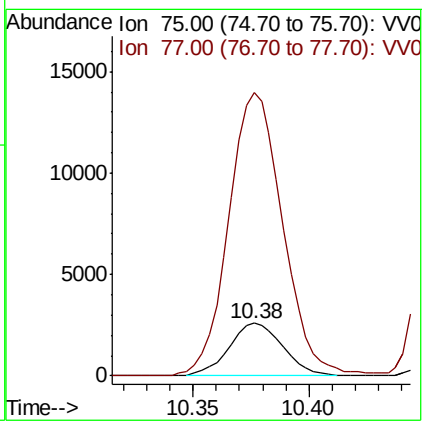


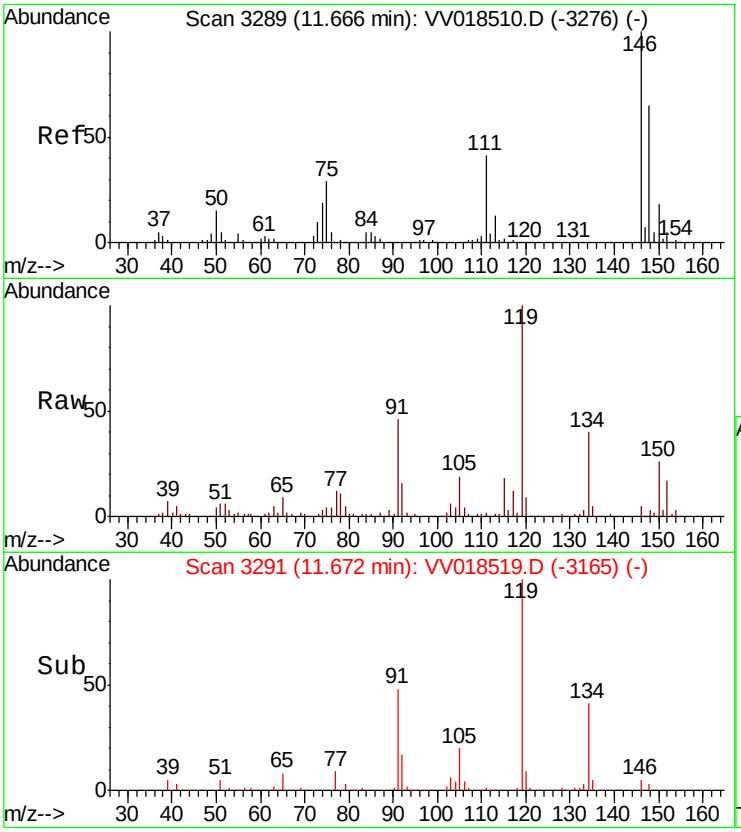


#59
1,2,3-Trichloropropane
Concen: 1.236 ug/L
RT: 10.38 min Scan# 2888
Delta R.T. 0.08 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion: 75 Resp: 4162

Ion	Ratio	Lower	Upper
75	100		
77	545.1	25.4	38.0#



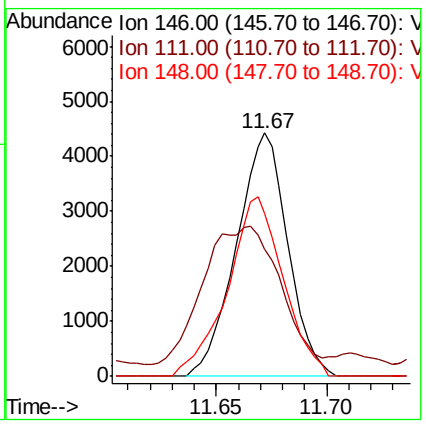


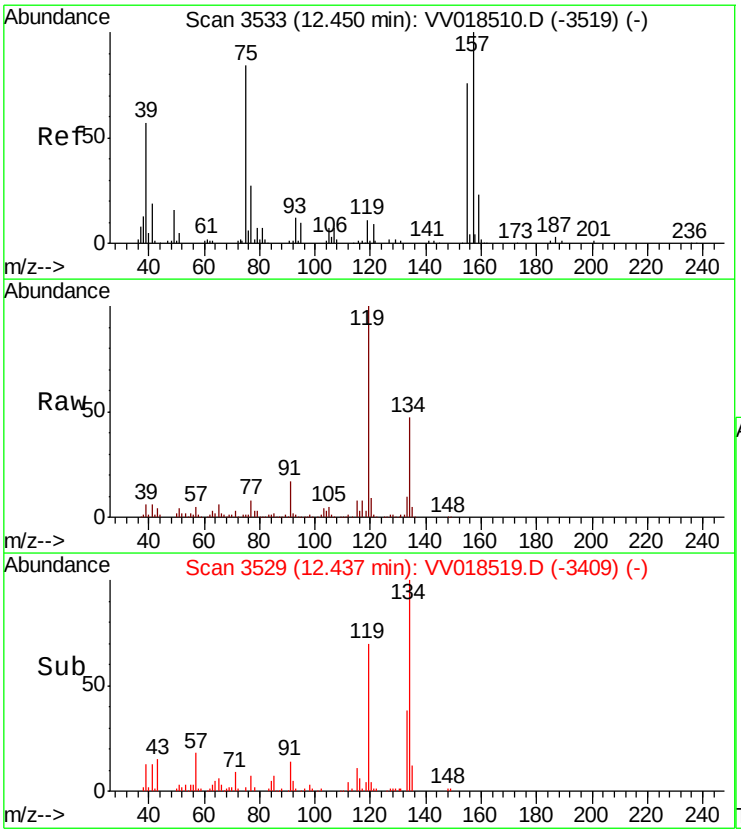
#65
1,2-Dichlorobenzene
Concen: 1.129 ug/L
RT: 11.67 min Scan# 3291
Delta R.T. 0.01 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion:146 Resp: 7138

Ion	Ratio	Lower	Upper
146	100		
111	52.0	32.8	49.2#
148	67.2	51.9	77.9

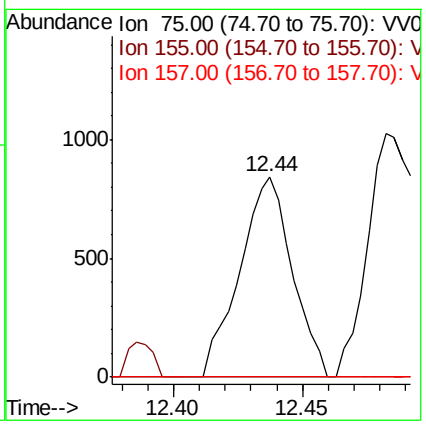


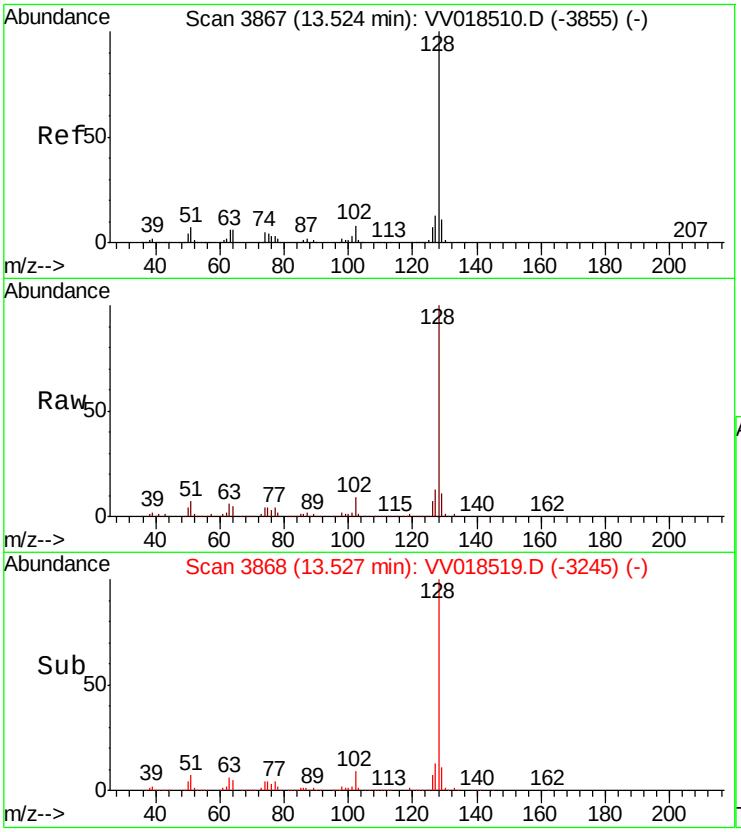


#66
1,2-Dibromo-3-chloropropane
Concen: 1.383 ug/L
RT: 12.44 min Scan# 3529
Delta R.T. -0.01 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Tgt Ion: 75 Resp: 1194

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.0	109.6#
157	0.0	95.8	143.6#





#69
Naphthalene
Concen: 25.041 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV018519.D
Acq: 29 Sep 2020 16:19

Instrument :
MSVOA_V
ClientSampleId :
BG3W8ME

Tgt Ion:128 Resp: 295373

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.2	8.6	12.8