Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018451.D
Acq On : 25 Sep 2020 13:37
Operator : SY/MD
Sample : L4109-17DL 40X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y1DL

Quant Time: Sep 25 23:45:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	397261	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	381958	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	201522	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	136873	42.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.56%			
7) Chloroethane-d5	1.58	69	112085	42.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.62%			
11) 1,1-Dichloroethene-d2	2.12	63	190671	32.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.22%			
21) 2-Butanone-d5	3.91	46	169773	85.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.67%			
24) Chloroform-d	4.37	84	232779	41.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.88%			
26) 1,2-Dichloroethane-d4	5.05	65	152515	42.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.72%			
32) Benzene-d6	5.07	84	498888	45.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.26%			
36) 1,2-Dichloropropane-d6	6.09	67	157130	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.46%			
41) Toluene-d8	7.34	98	459717	46.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.26%			
43) trans-1,3-Dichloropropene-	7.64	79	77140	43.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.38%			
47) 2-Hexanone-d5	8.11	63	120925	91.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.89%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199070	45.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.30%			
64) 1,2-Dichlorobenzene-d4	11.65	152	193043	46.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.28%			
Target Compounds						Qvalue
15) Methyl Acetate	2.55	43	39579	13.879	ug/L #	53
29) Cyclohexane	4.70	56	4660	1.057	ug/L	92
30) 1,1,1-Trichloroethane	4.63	97	8957	2.021	ug/L	94
35) Methylcyclohexane	6.09	83	36821	8.220	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	16021	5.536	ug/L #	87
42) Toluene	7.41	91	700754	60.635	ug/L	100
52) Ethylbenzene	9.03	91	156554	12.408	ug/L	98
53) m,p-Xylene	9.16	106	288806	61.324	ug/L	97
54) o-xylene	9.56	106	152834	33.686	ug/L	100
55) Styrene	9.56	104	8117	1.029	ug/L #	1
56) Isopropylbenzene	9.95	105	183837	15.034	ug/L	99
59) 1,2,3-Trichloropropane	10.37	75	5945	1.747	ug/L #	1
65) 1,2-Dichlorobenzene	11.67	146	9029	1.491	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.43	75	2362	2.763	ug/L #	1
68) 1,2,4-trichlorobenzene	13.29	180	2959	0.703	ug/L #	72
69) Naphthalene	13.52	128	622475	58.478	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018451.D
Acq On : 25 Sep 2020 13:37
Operator : SY/MD
Sample : L4109-17DL 40X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Y1DL

Quant Time: Sep 25 23:45:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

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

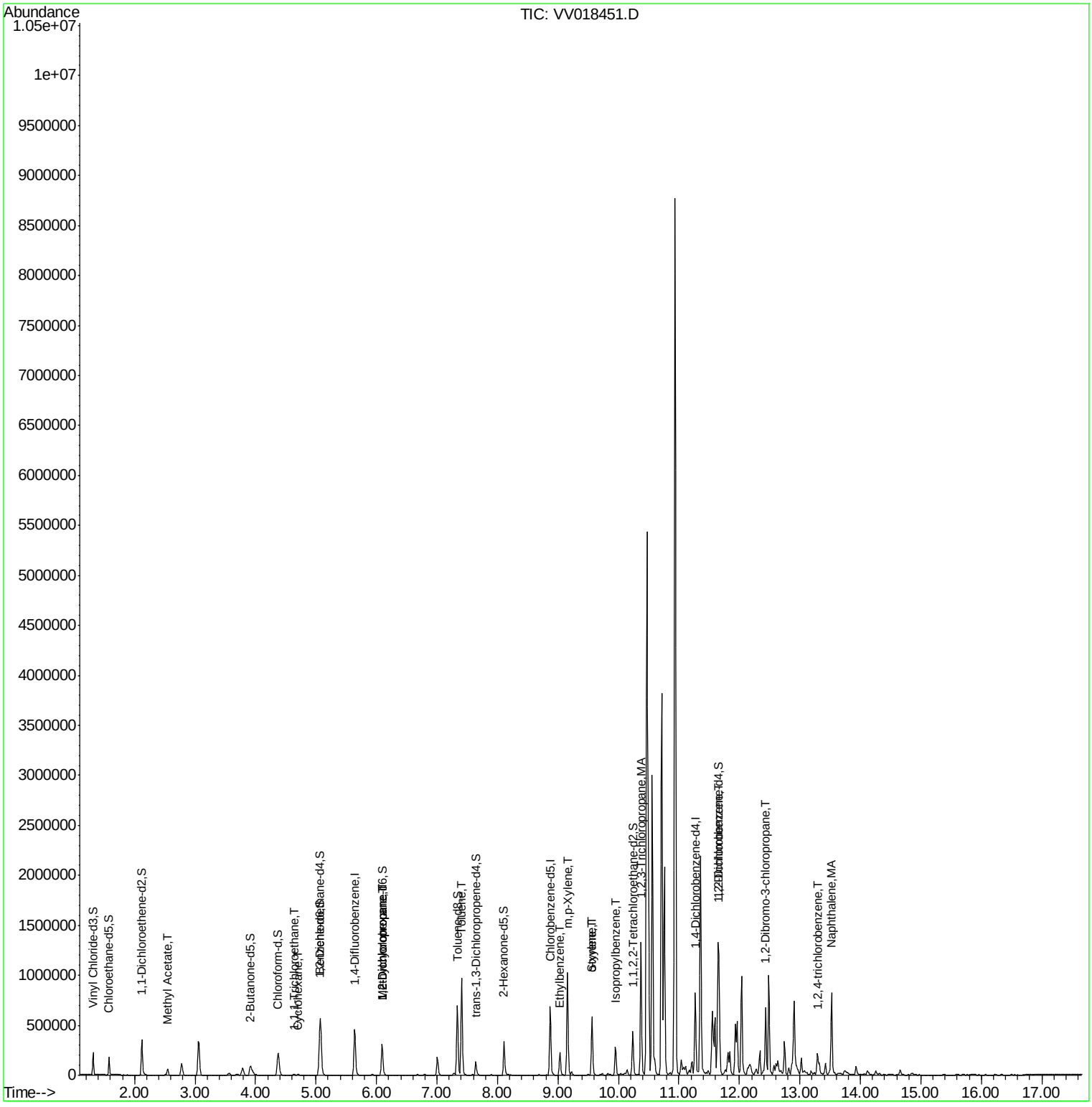
(#) = qualifier out of range (m) = manual integration (+) = signals summed

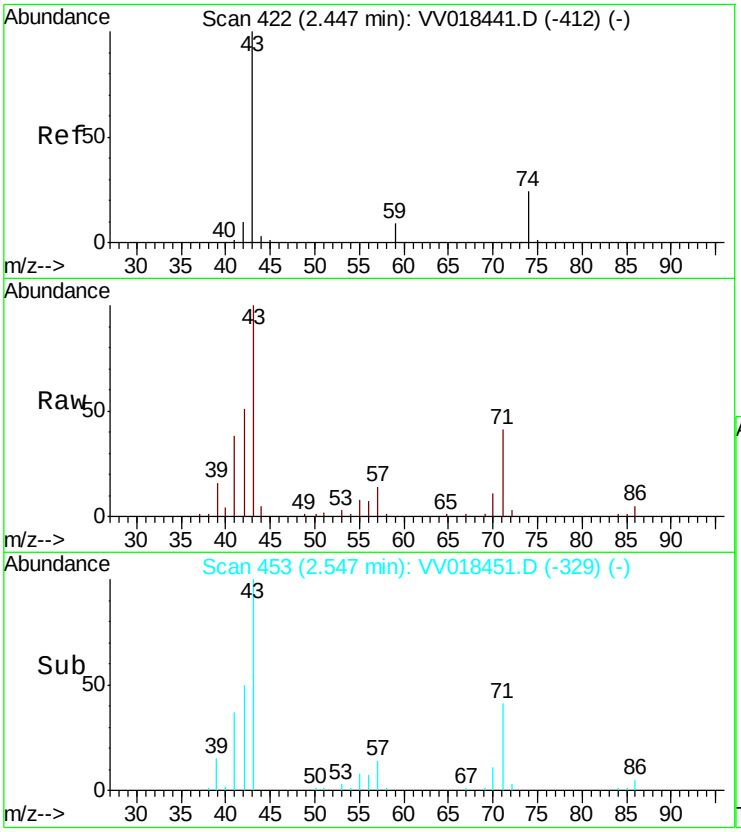
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018451.D
Acq On : 25 Sep 2020 13:37
Operator : SY/MD
Sample : L4109-17DL 40X
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1DL

Quant Time: Sep 25 23:45:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration



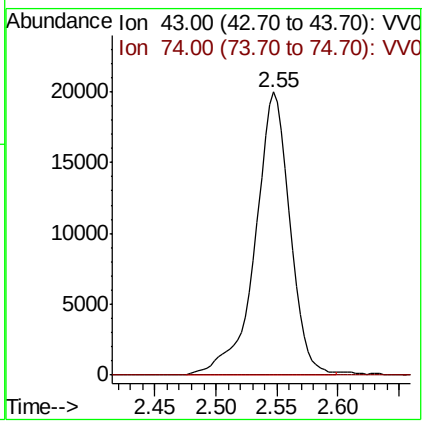


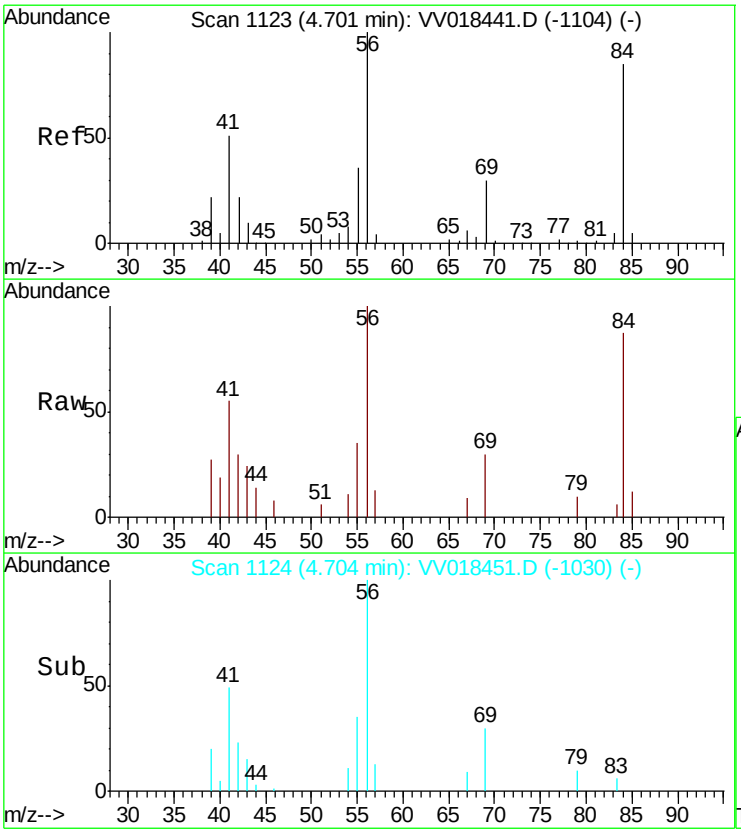
#15
Methyl Acetate
Concen: 13.879 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.10 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument : MSVOA_V
ClientSampleId : BG3Y1DL

Tgt Ion: 43 Resp: 39579

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.4	27.6#

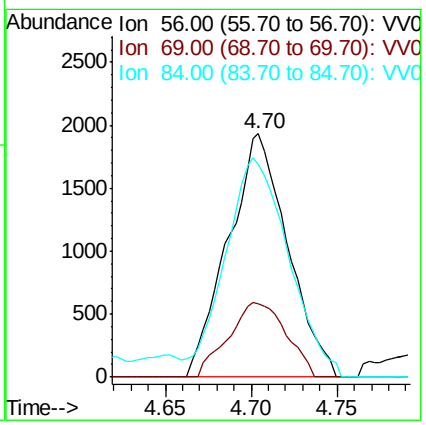


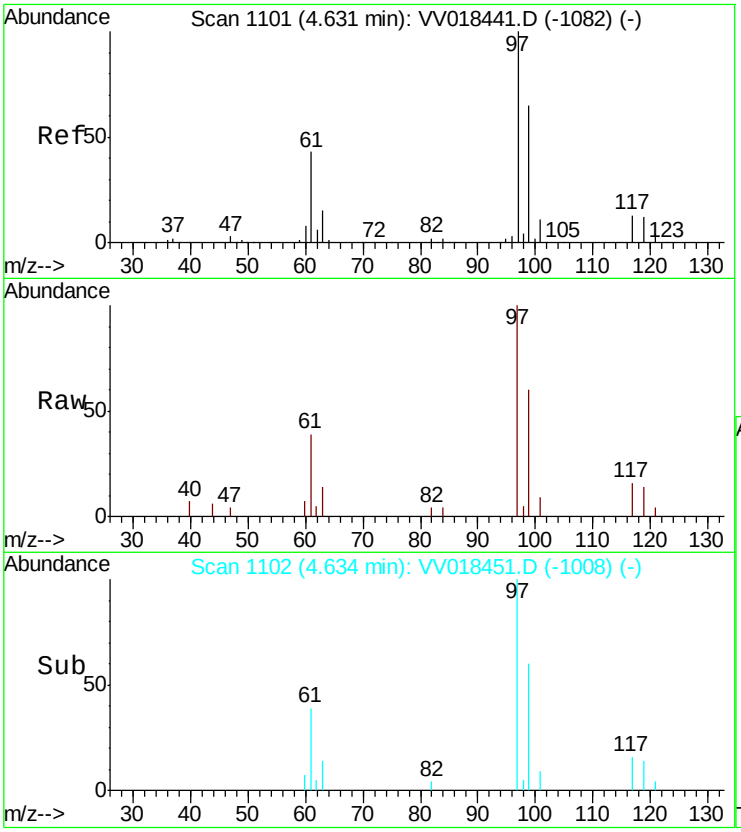


#29
Cyclohexane
Concen: 1.057 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion: 56 Resp: 4660

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.2	36.2
84	95.4	68.3	102.5



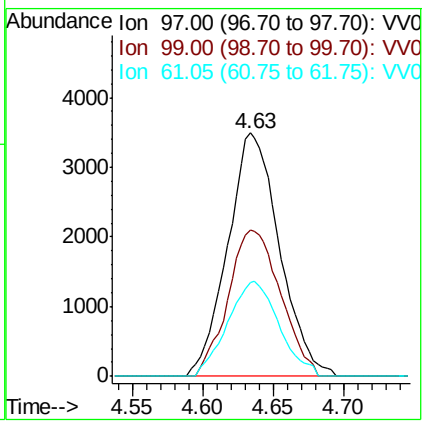


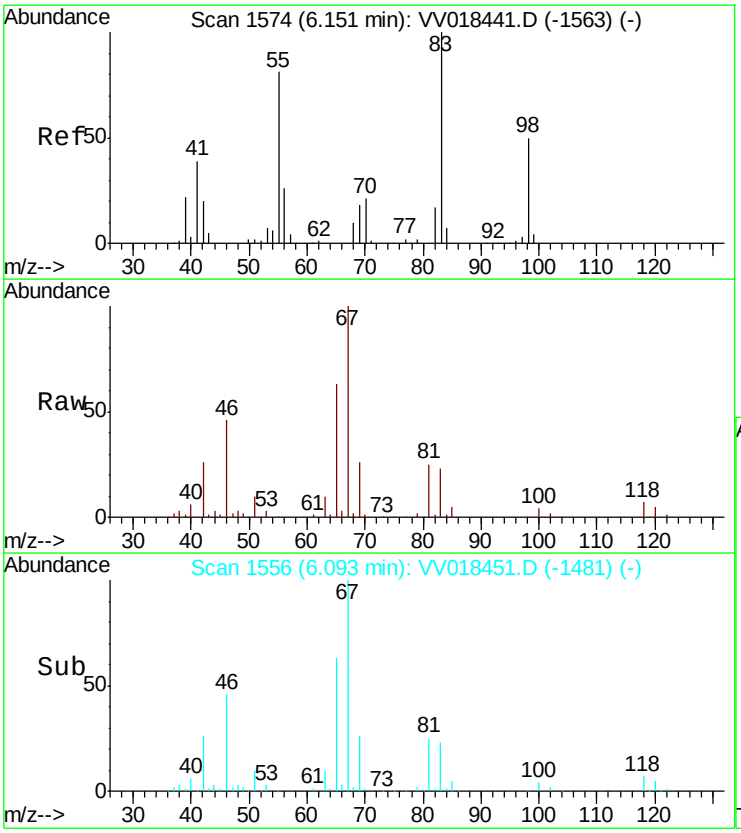
#30
1,1,1-Trichloroethane
Concen: 2.021 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1DL

Tgt Ion: 97 Resp: 8957

Ion	Ratio	Lower	Upper
97	100		
99	60.7	51.6	77.4
61	38.8	34.9	52.3

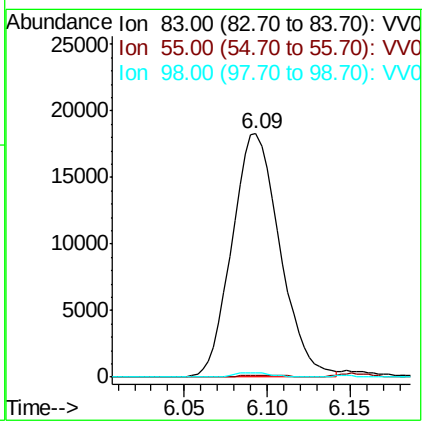


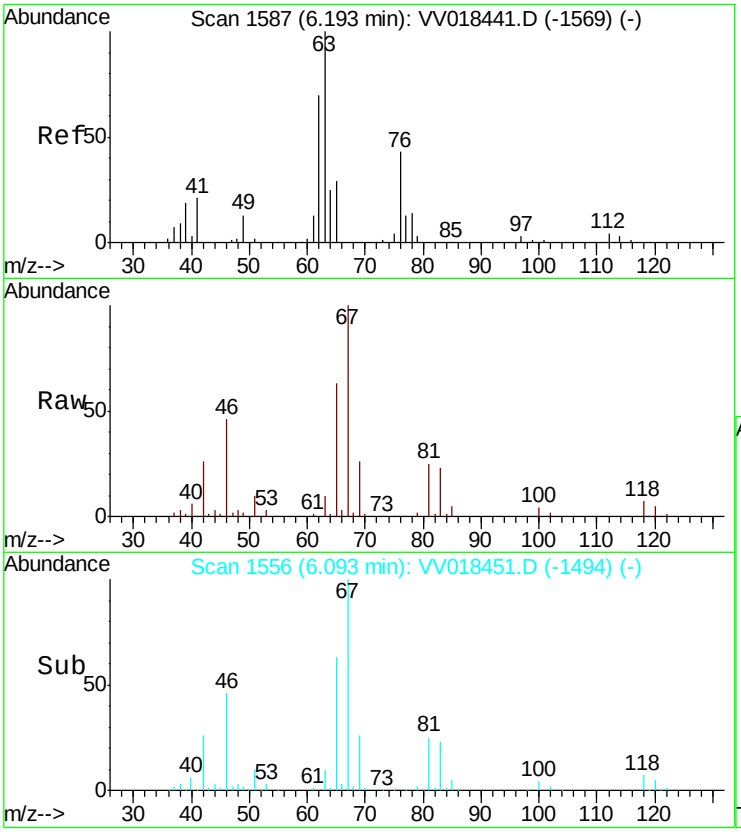


#35
Methylcyclohexane
Concen: 8.220 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion: 83 Resp: 36821

Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.4	95.2#
98	1.3	38.8	58.2#



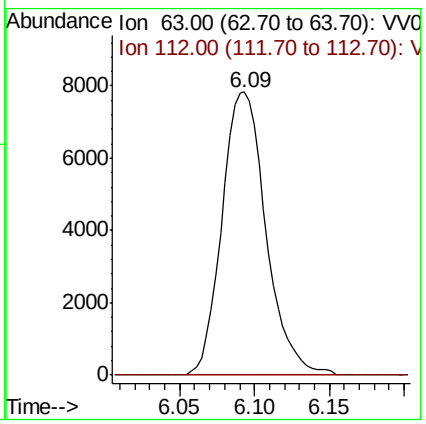


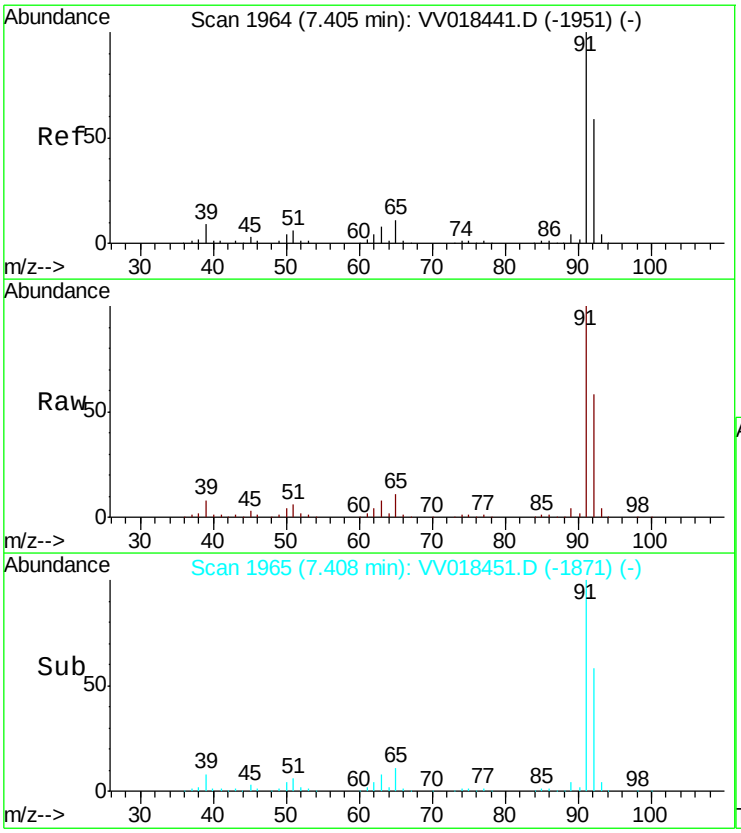
#37
1,2-Dichloropropane
Concen: 5.536 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument : MSVOA_V
ClientSampleId : BG3Y1DL

Tgt Ion: 63 Resp: 16021

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

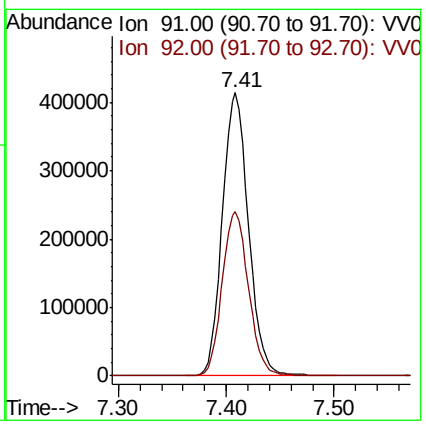


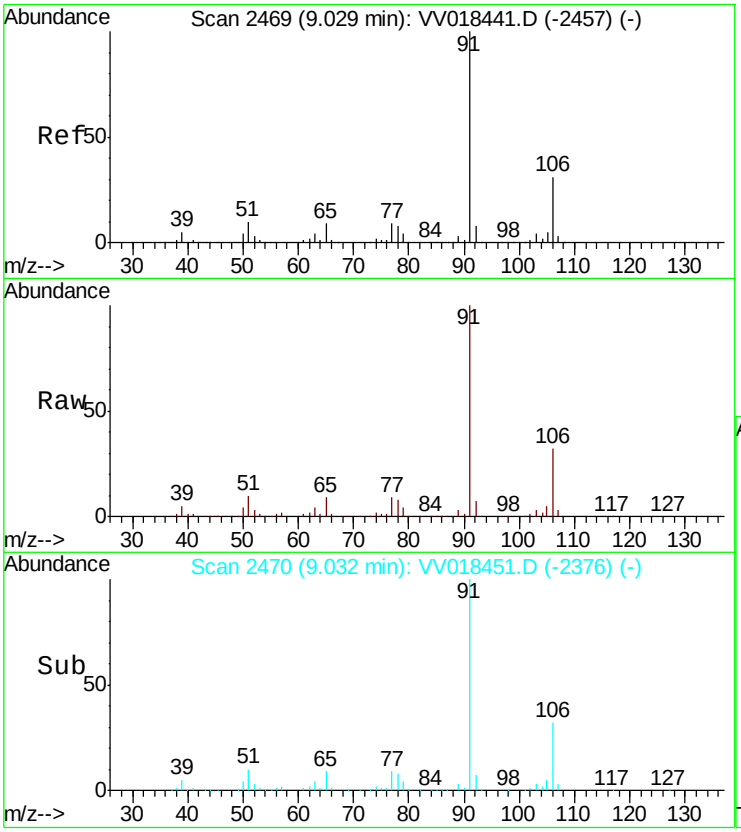


#42
Toluene
Concen: 60.635 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion: 91 Resp: 700754

Ion	Ratio	Lower	Upper
91	100		
92	58.1	40.7	75.5



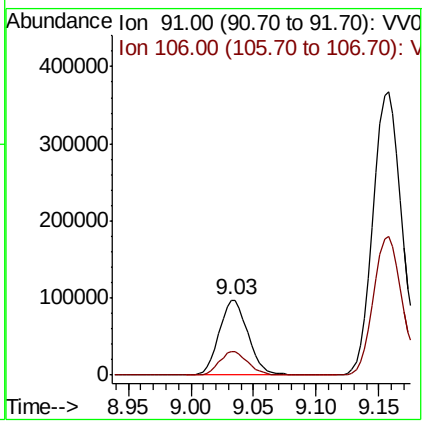


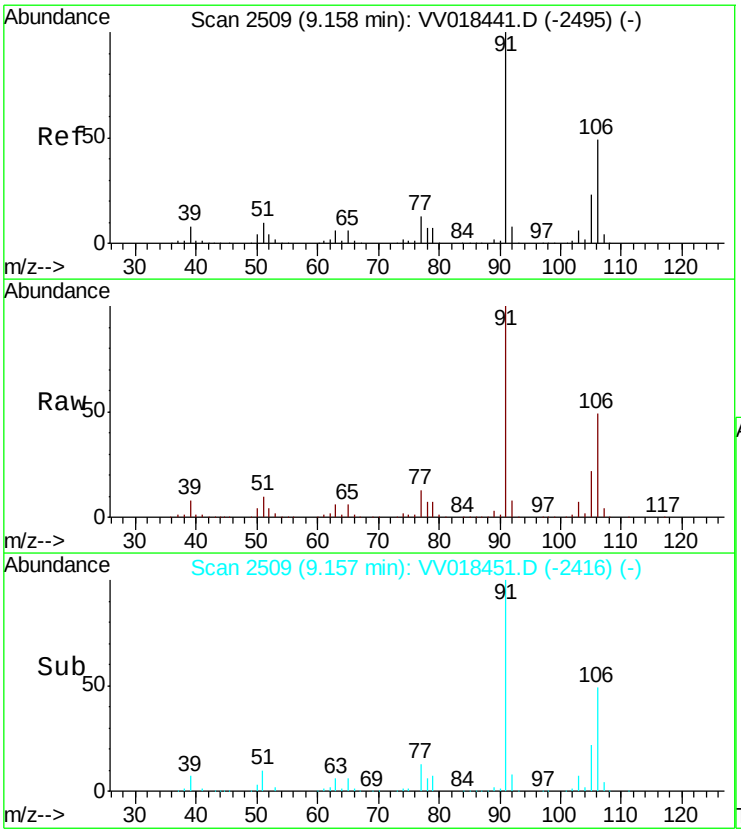
#52
Ethylbenzene
Concen: 12.408 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument : MSVOA_V
ClientSampleId : BG3Y1DL

Tgt Ion: 91 Resp: 156554

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.3	39.5

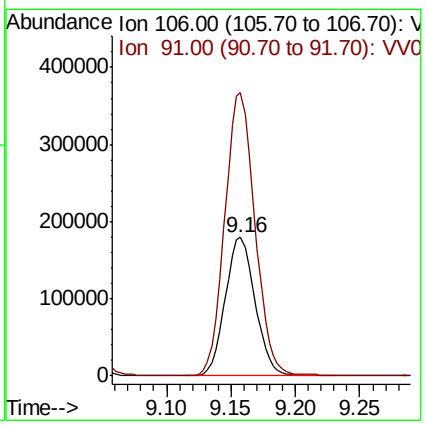


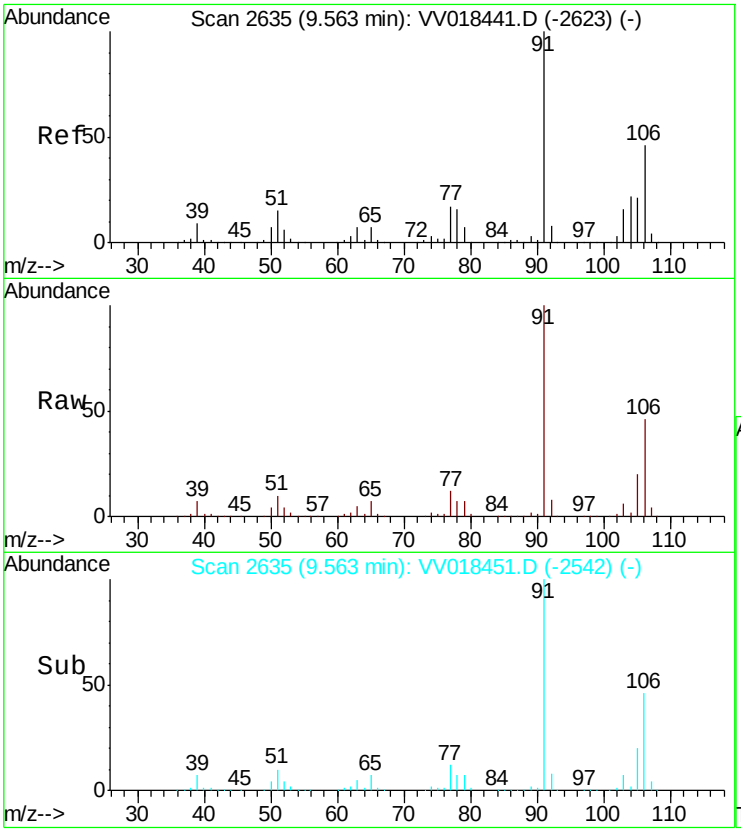


#53
m,p-Xylene
Concen: 61.324 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion:106 Resp: 288806

Ion	Ratio	Lower	Upper
106	100		
91	204.2	146.7	272.5



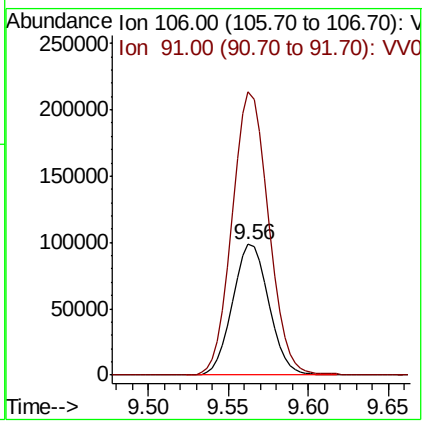


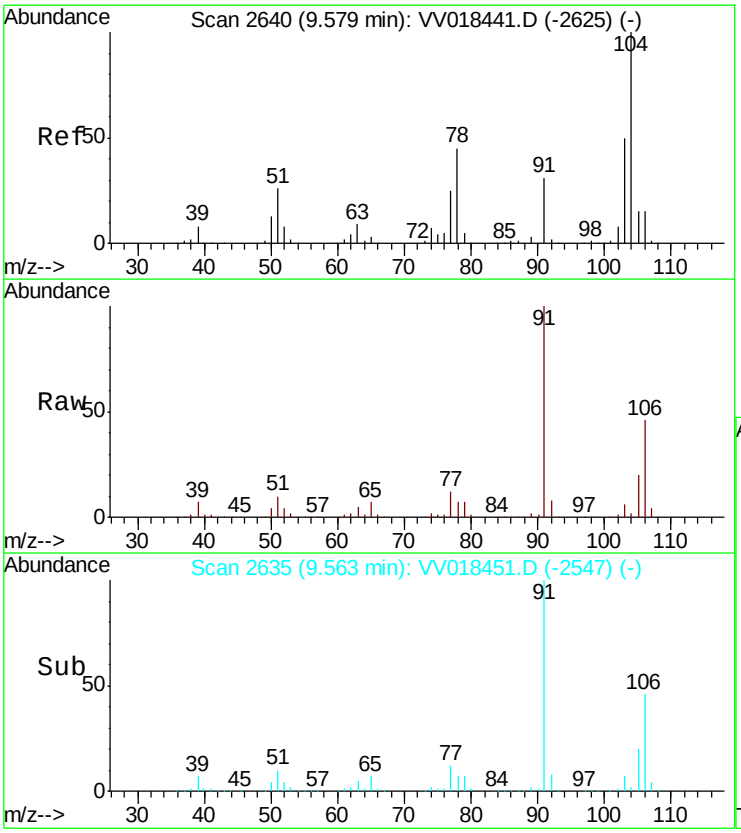
#54
o-xylene
Concen: 33.686 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1DL

Tgt Ion:106 Resp: 152834

Ion	Ratio	Lower	Upper
106	100		
91	216.7	152.2	282.6

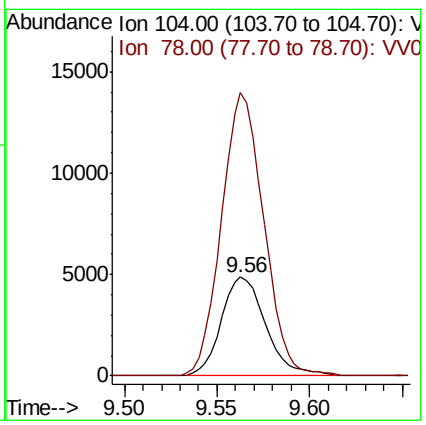


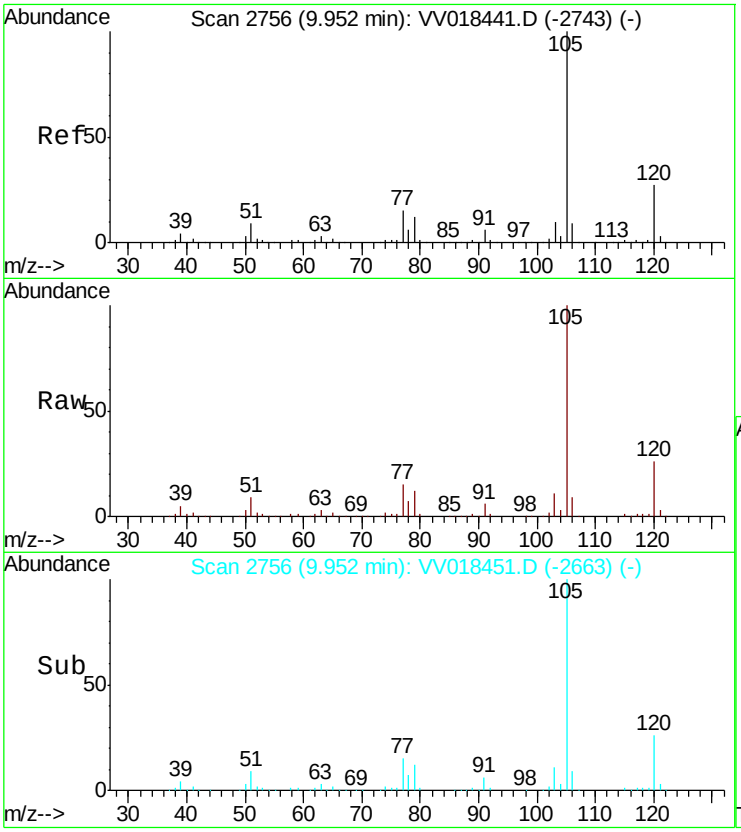


#55
Styrene
Concen: 1.029 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion:104 Resp: 8117

Ion	Ratio	Lower	Upper
104	100		
78	287.4	31.4	58.2#



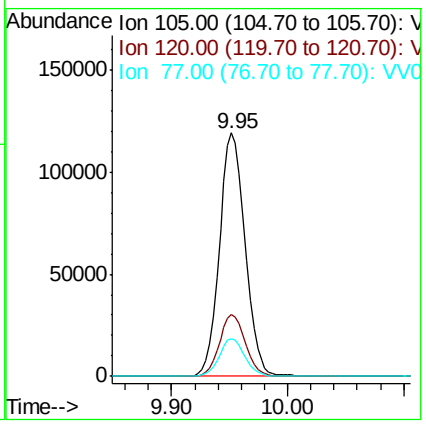


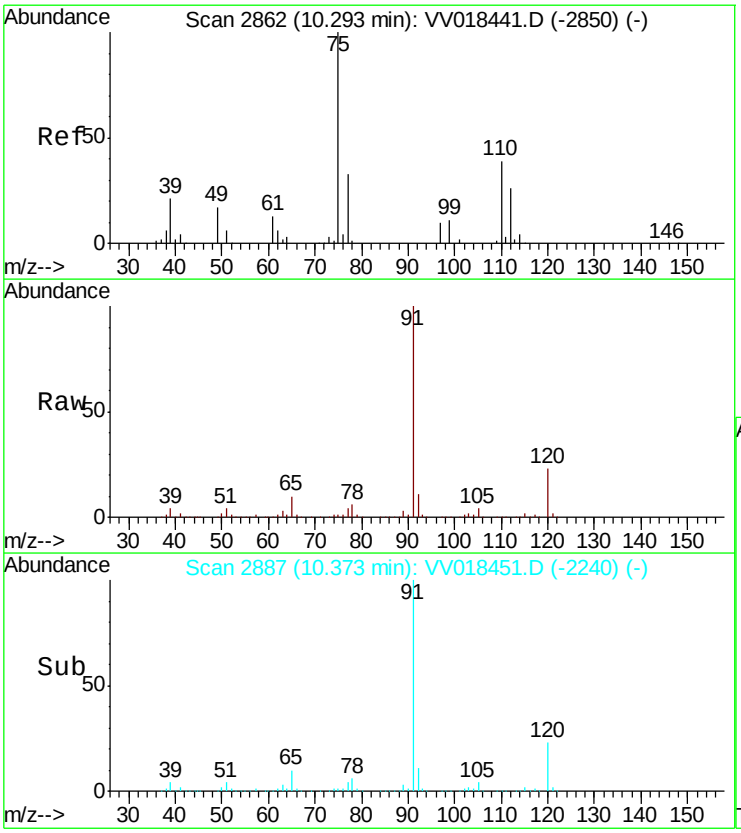
#56
Isopropylbenzene
Concen: 15.034 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1DL

Tgt Ion:105 Resp: 183837

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.9	31.3
77	15.4	12.5	18.7

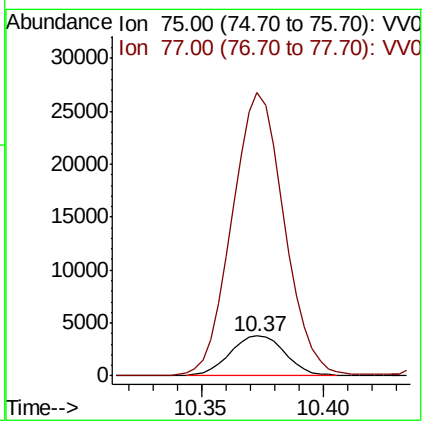


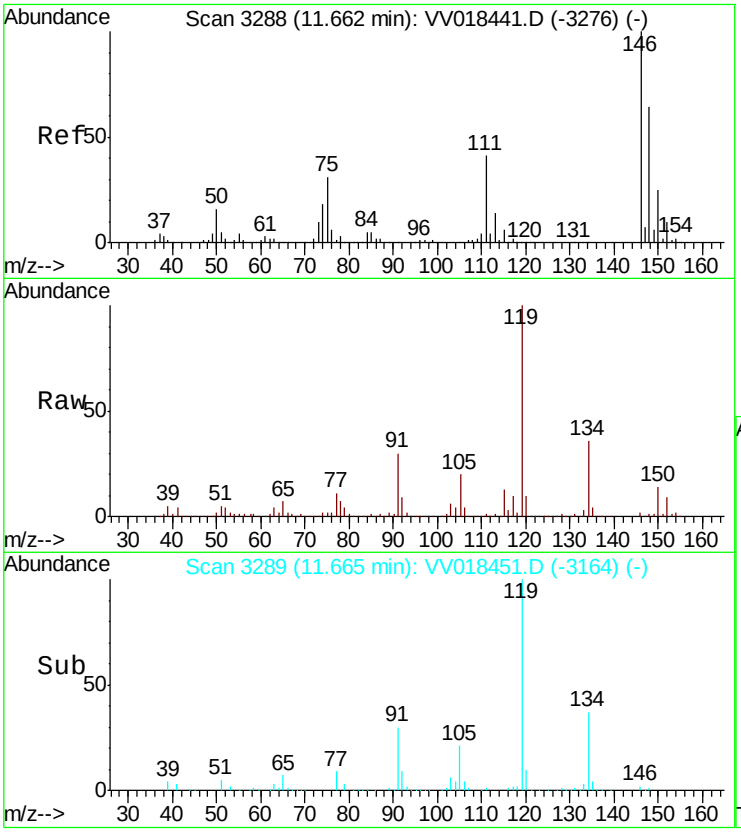


#59
1,2,3-Trichloropropane
Concen: 1.747 ug/L
RT: 10.37 min Scan# 2887
Delta R.T. 0.08 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion: 75 Resp: 5945

Ion	Ratio	Lower	Upper
75	100		
77	673.3	25.8	38.6#



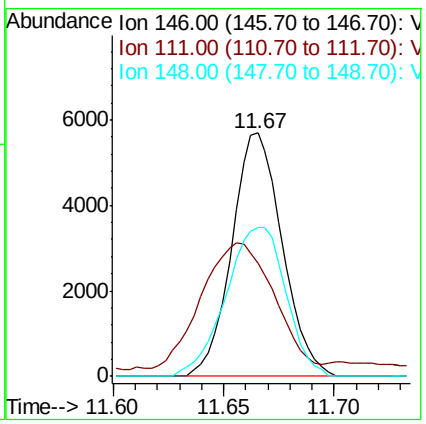


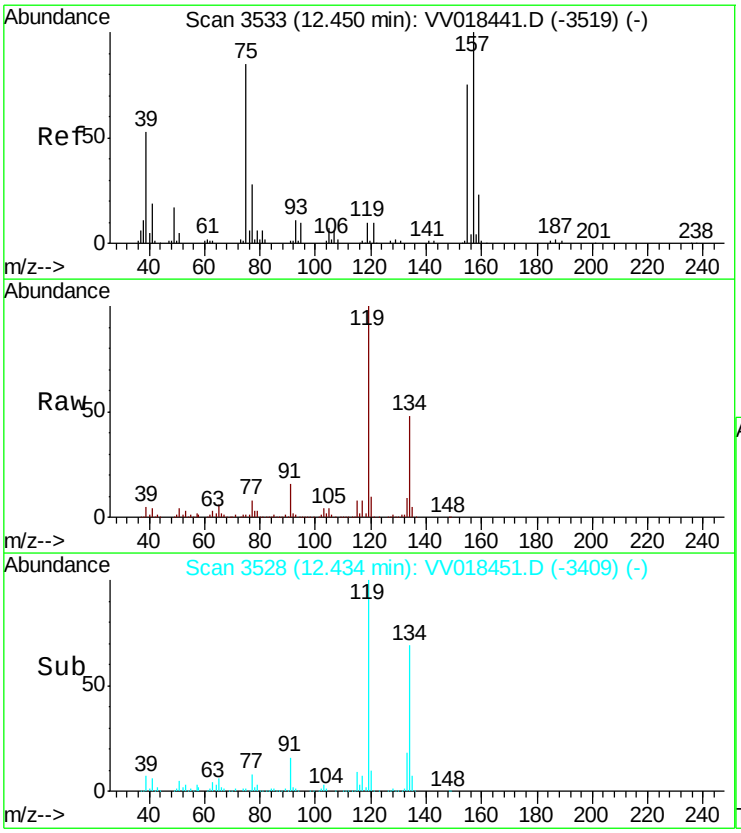
#65
1,2-Dichlorobenzene
Concen: 1.491 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument :
MSVOA_V
ClientSampleId :
BG3Y1DL

Tgt Ion:146 Resp: 9029

Ion	Ratio	Lower	Upper
146	100		
111	46.5	32.8	49.2
148	61.2	50.7	76.1

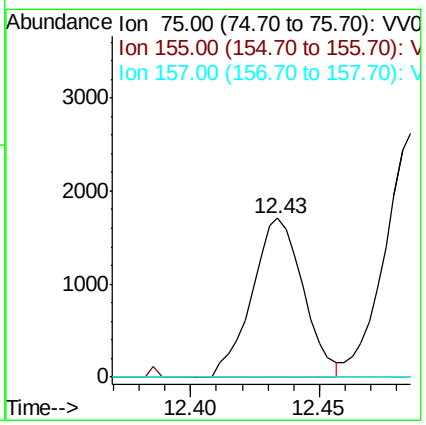


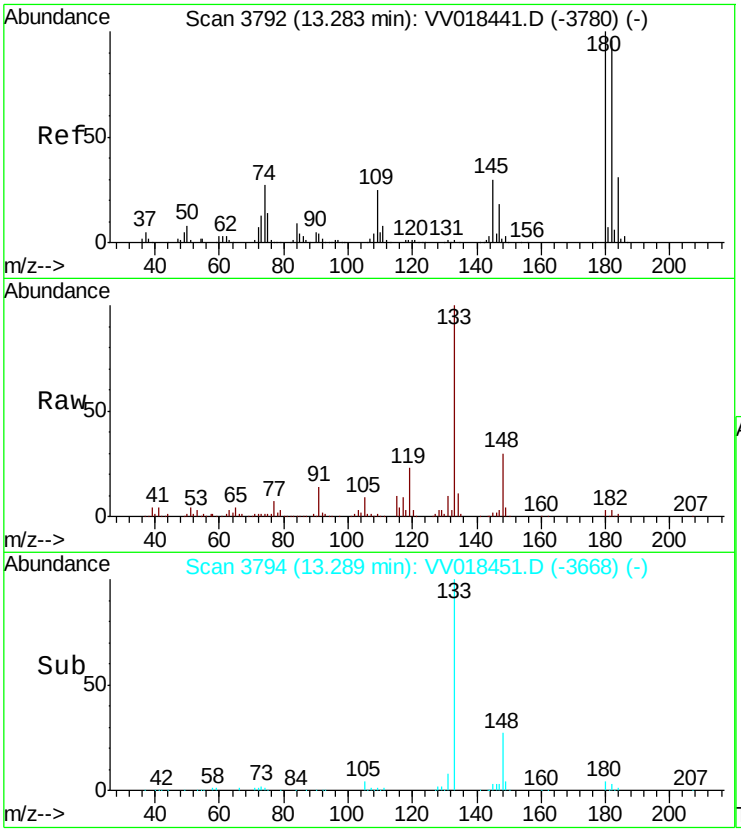


#66
1,2-Dibromo-3-chloropropane
Concen: 2.763 ug/L
RT: 12.43 min Scan# 3528
Delta R.T. -0.02 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion: 75 Resp: 2362

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.7	104.5#
157	0.0	88.2	132.4#



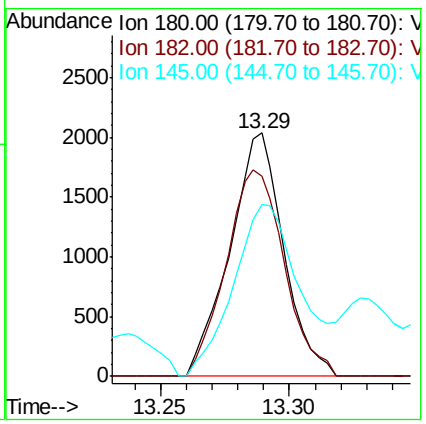


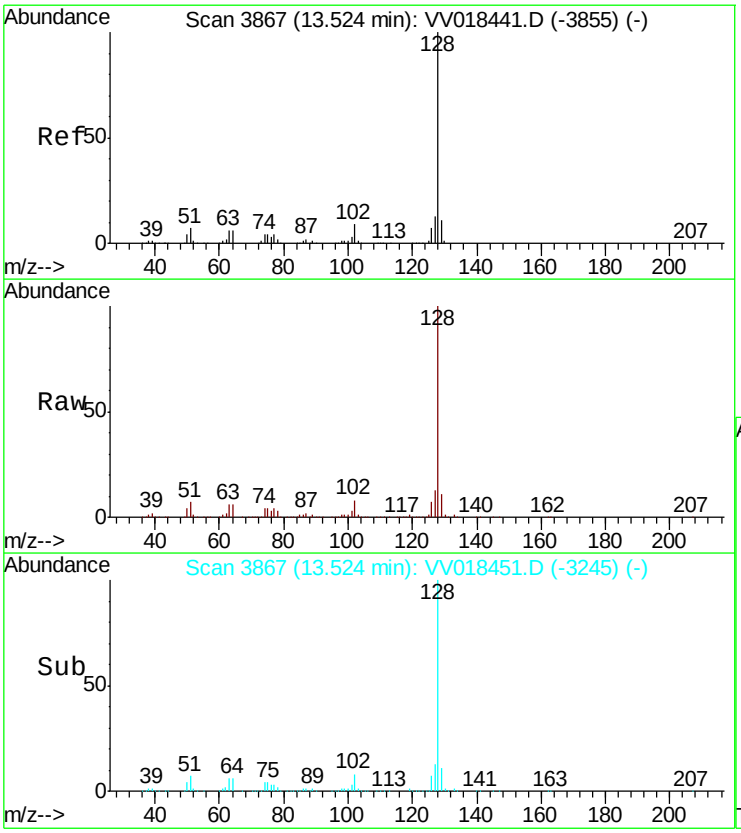
#68
1,2,4-trichlorobenzene
Concen: 0.703 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.01 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Instrument : MSVOA_V
ClientSampleId : BG3Y1DL

Tgt Ion:180 Resp: 2959

Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.4	116.2
145	85.8	23.2	34.8#





#69
Naphthalene
Concen: 58.478 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV018451.D
Acq: 25 Sep 2020 13:37

Tgt Ion:128 Resp: 622475

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.1	8.6	13.0