Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008678.D
Acq On : 20 Nov 2018 17:02
Operator : SY/MD
Sample : J5997-15 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YB1

Quant Time: Nov 21 01:36:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	291238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115278	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87299	42.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.98%			
7) Chloroethane-d5	1.57	69	38597	34.39	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 68.78%#			
11) 1,1-Dichloroethene-d2	2.13	63	119012	35.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.20%			
21) 2-Butanone-d5	3.94	46	150932	90.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.13%			
24) Chloroform-d	4.41	84	180405	43.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.70%			
26) 1,2-Dichloroethane-d4	5.09	65	121660	45.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.42%			
32) Benzene-d6	5.10	84	389015	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.48%			
36) 1,2-Dichloropropane-d6	6.12	67	121171	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.14%			
41) Toluene-d8	7.36	98	345026	47.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.36%			
43) trans-1,3-Dichloropropene-	7.67	79	45012	39.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.02%			
47) 2-Hexanone-d5	8.14	63	106161	92.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.18%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	146939	42.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.58%			
64) 1,2-Dichlorobenzene-d4	11.67	152	117865	46.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.68%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	1145	0.401	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1145	0.695	ug/L #	17
16) Methylene chloride	2.54	84	741	0.324	ug/L	91
35) Methylcyclohexane	6.18	83	6541	1.775	ug/L	91
39) cis-1,3-Dichloropropene	7.03	75	3096	0.958	ug/L #	64
42) Toluene	7.43	91	40259	4.597	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	2129	0.724	ug/L	86
48) 2-Hexanone	8.14	43	13034	5.204	ug/L #	71
52) Ethylbenzene	9.06	91	1293317	134.592	ug/L	98
53) m,p-Xylene	9.18	106	971160	275.036	ug/L	92
54) o-xylene	9.59	106	3922	1.117	ug/L	92
56) Isopropylbenzene	9.98	105	19750	2.139	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	13605	4.722	ug/L	90
69) Naphthalene	13.56	128	2869	0.494	ug/L #	92

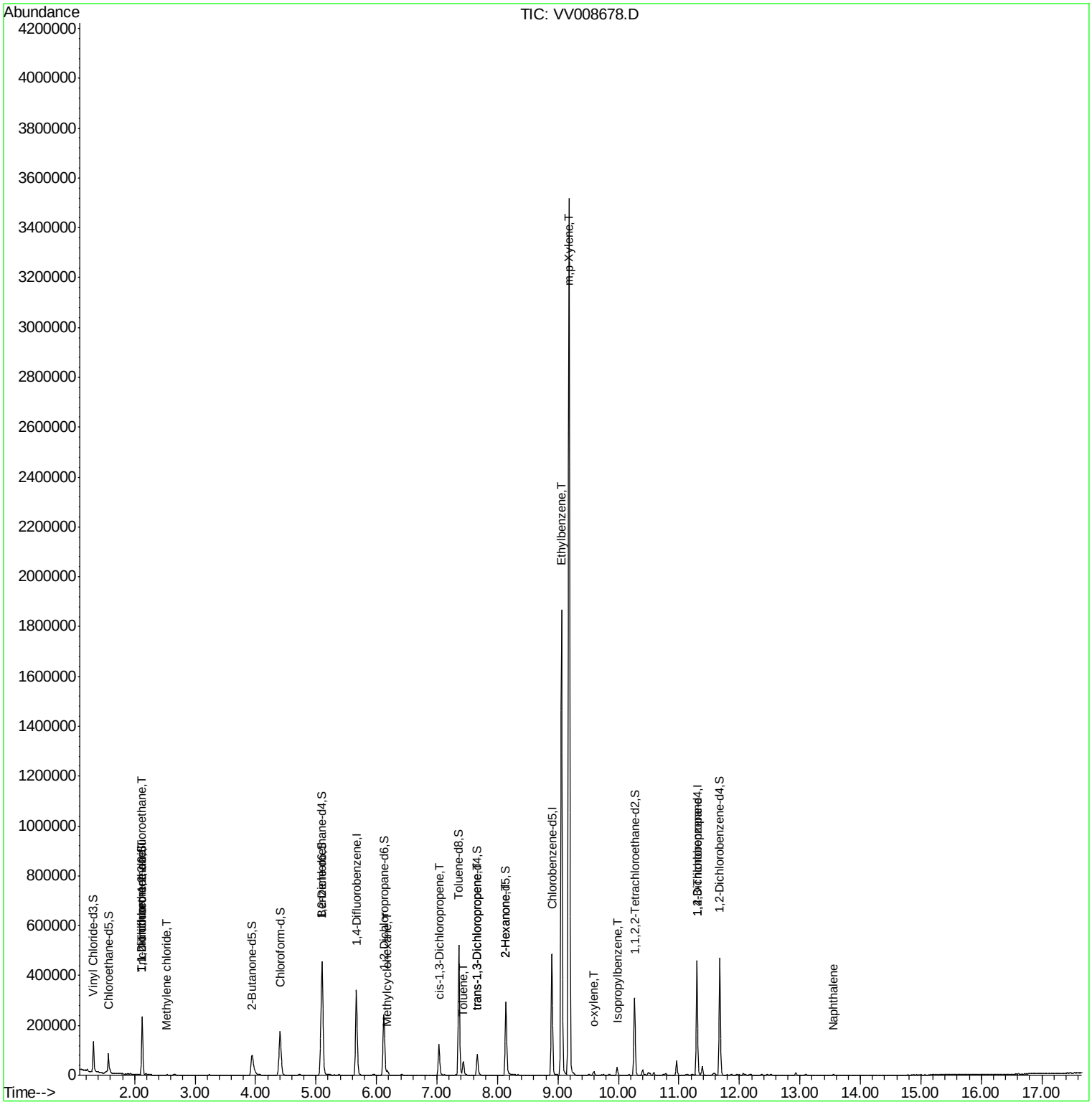
(#) = qualifier out of range (m) = manual integration (+) = signals summed

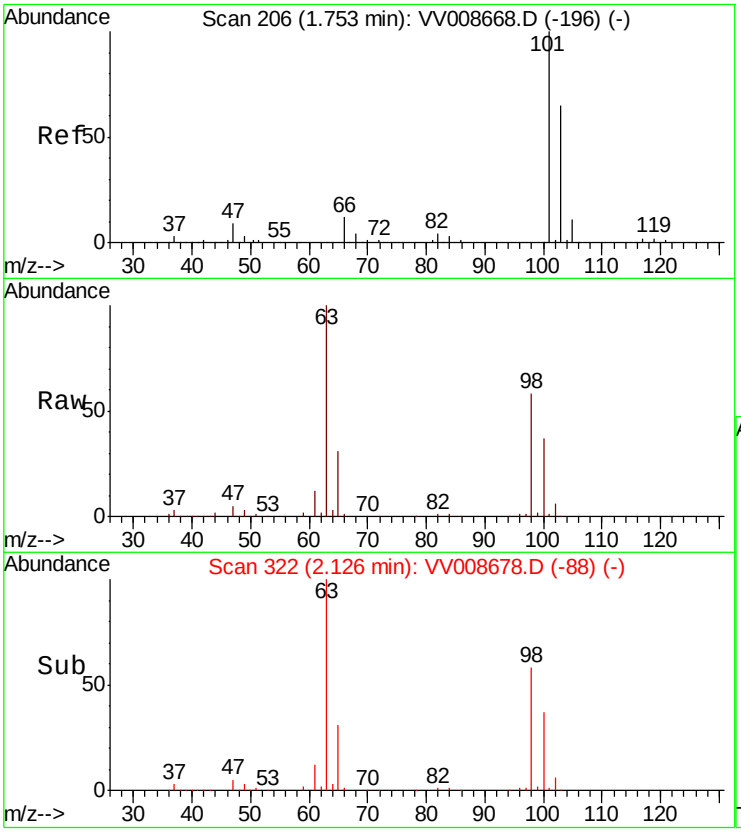
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008678.D
Acq On : 20 Nov 2018 17:02
Operator : SY/MD
Sample : J5997-15 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Quant Time: Nov 21 01:36:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration



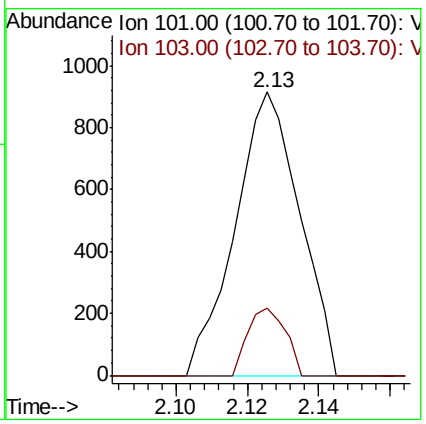


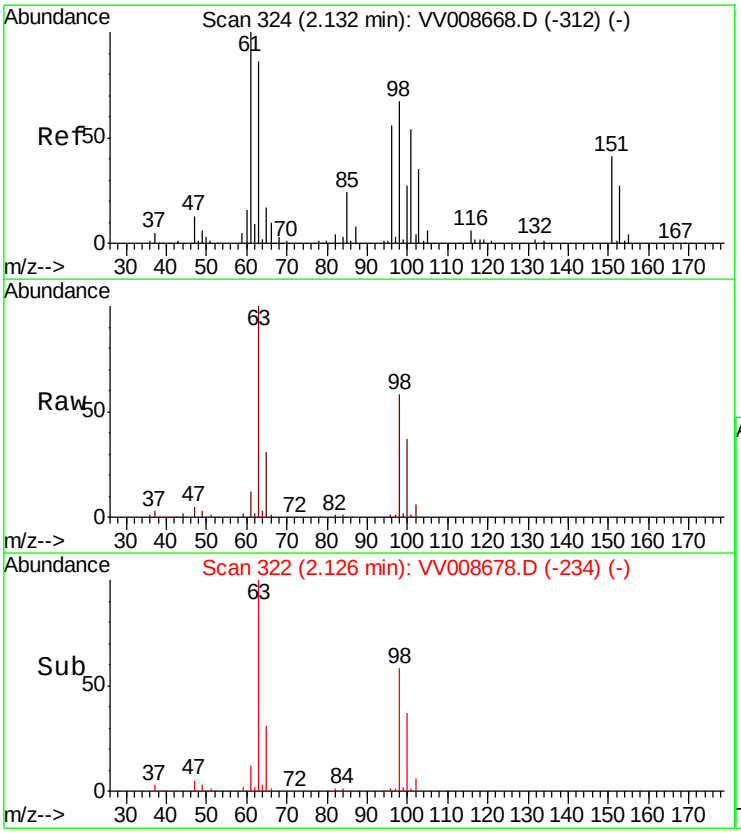
#9
Trichlorofluoromethane
Concen: 0.401 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.35 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tgt Ion:101 Resp: 1145

Ion	Ratio	Lower	Upper
101	100		
103	13.9	50.2	75.4#

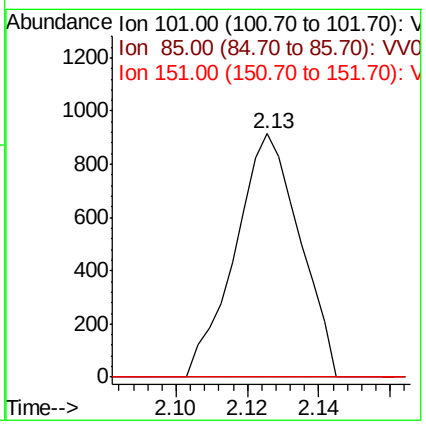


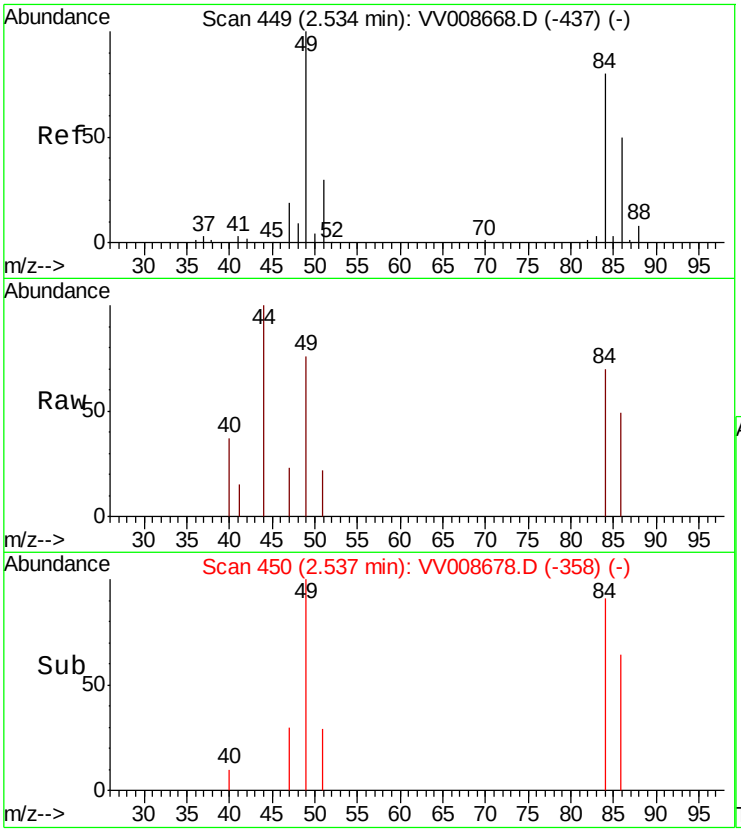


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.695 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.02 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion:101 Resp: 1145

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.0	55.6#
151	0.0	63.8	95.8#



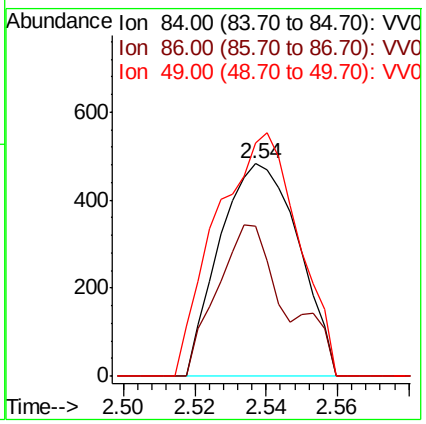


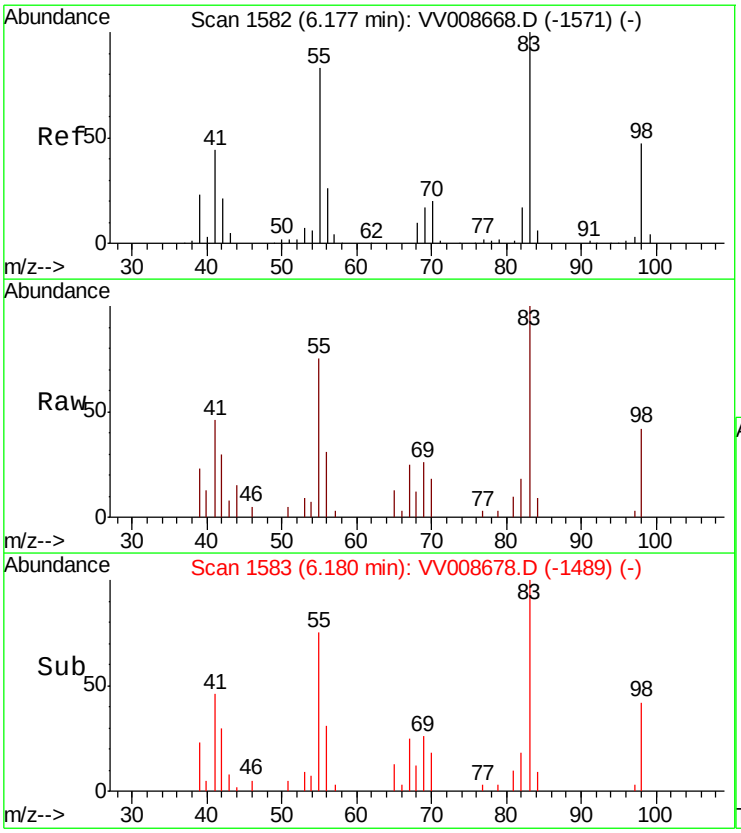
#16
Methylene chloride
Concen: 0.324 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument : MSVOA_V
ClientSampleId : E3YB1

Tgt Ion: 84 Resp: 741

Ion	Ratio	Lower	Upper
84	100		
86	70.4	50.6	94.0
49	109.7	86.5	160.7

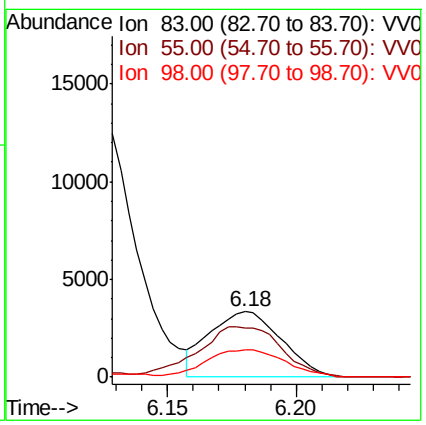


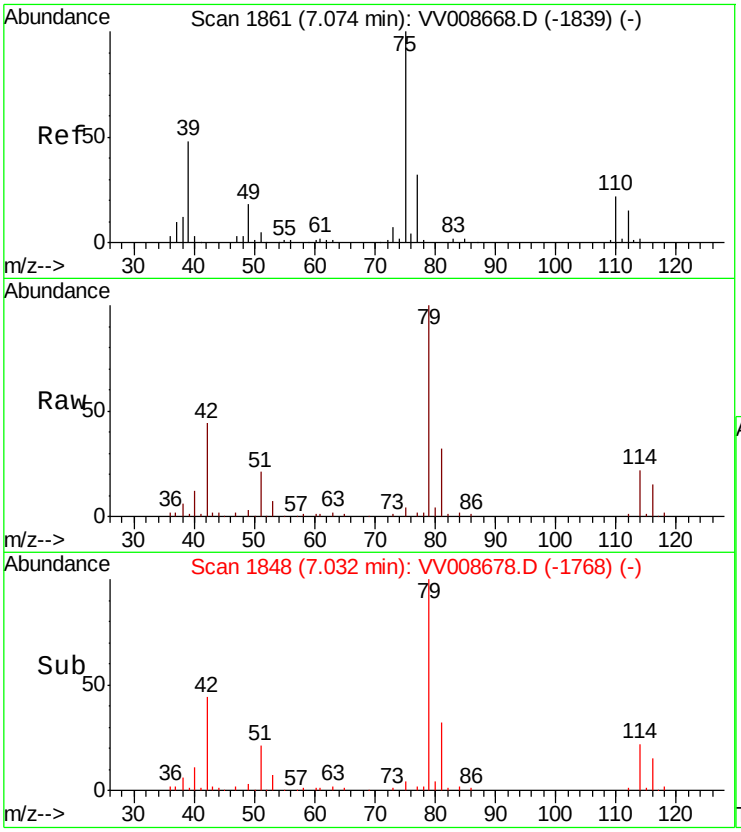


#35
Methylcyclohexane
Concen: 1.775 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion: 83 Resp: 6541

Ion	Ratio	Lower	Upper
83	100		
55	89.7	63.0	94.6
98	45.6	35.4	53.0



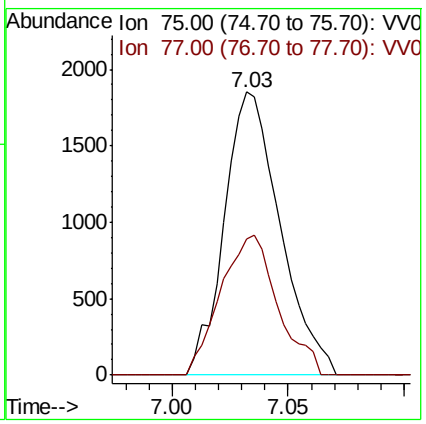


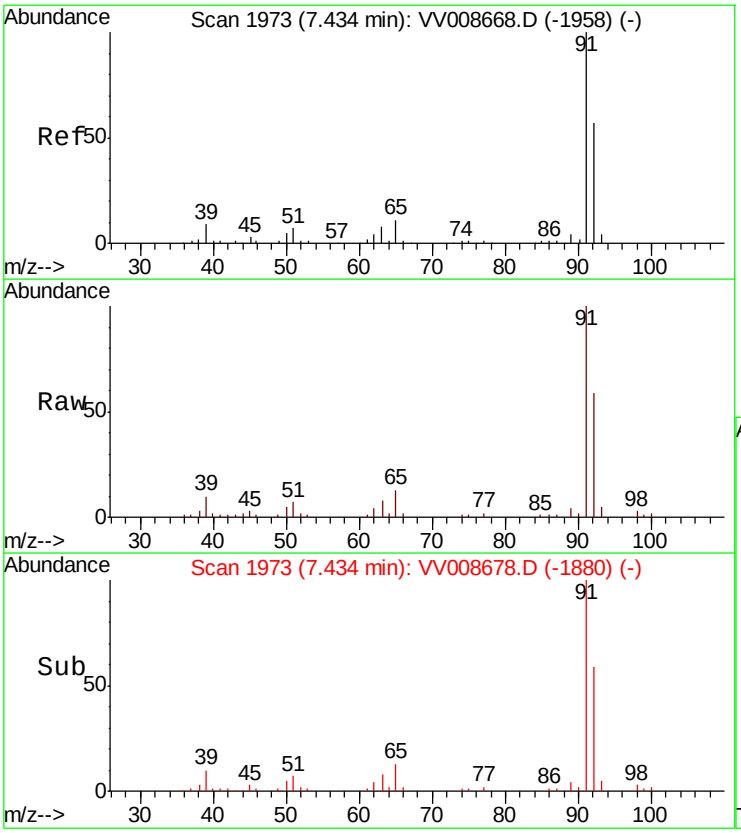
#39
cis-1,3-Dichloropropene
Concen: 0.958 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tgt Ion: 75 Resp: 3096

Ion	Ratio	Lower	Upper
75	100		
77	48.1	20.2	37.4#

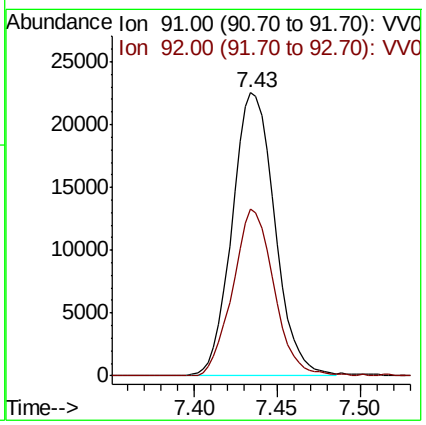


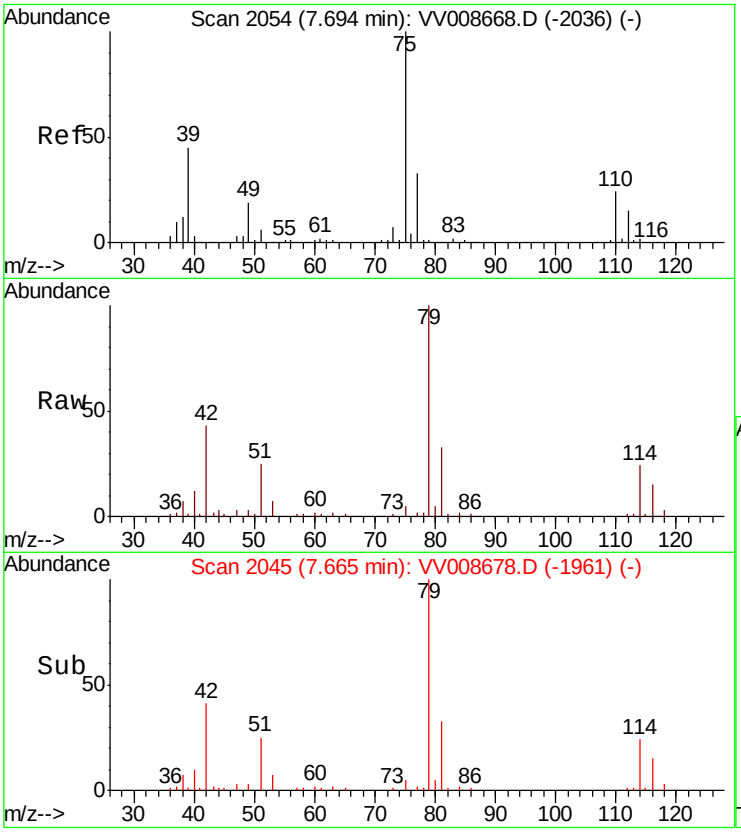


#42
Toluene
Concen: 4.597 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion: 91 Resp: 40259

Ion	Ratio	Lower	Upper
91	100		
92	58.8	41.6	77.2



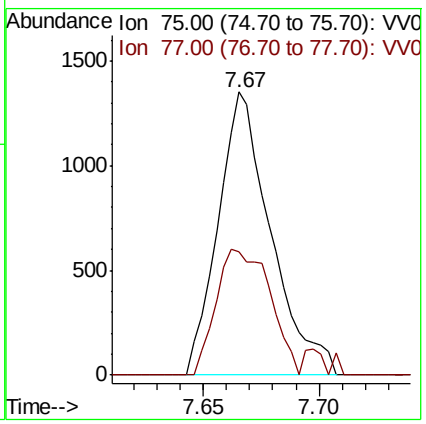


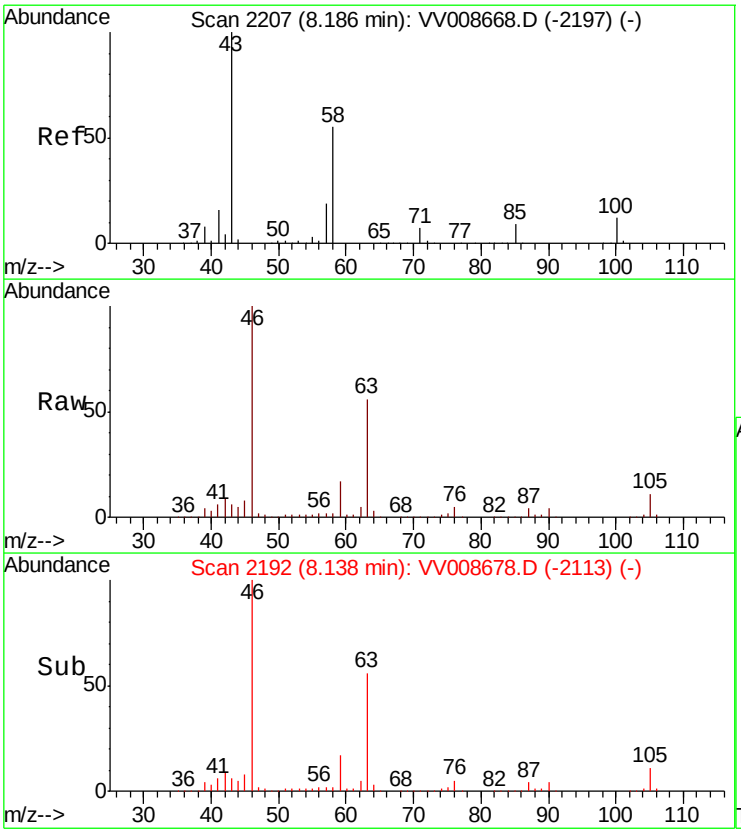
#44
trans-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tgt Ion: 75 Resp: 2129

Ion	Ratio	Lower	Upper
75	100		
77	43.3	24.6	45.8

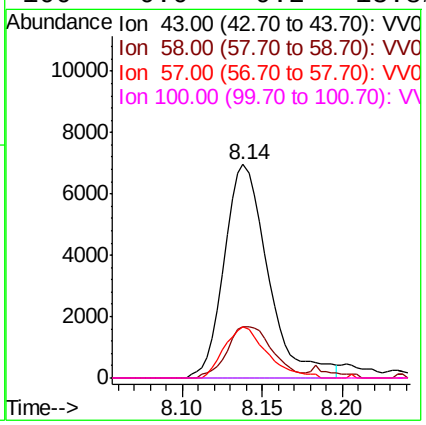


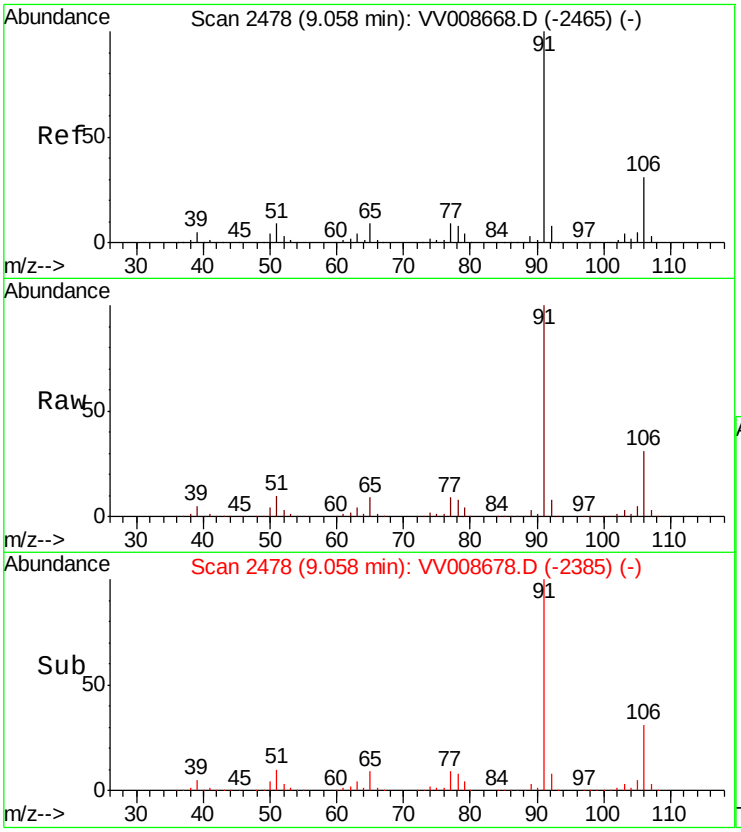


#48
2-Hexanone
Concen: 5.204 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion: 43 Resp: 13034

Ion	Ratio	Lower	Upper
43	100		
58	24.8	41.4	62.0#
57	23.2	17.1	25.7
100	0.0	9.2	13.8#



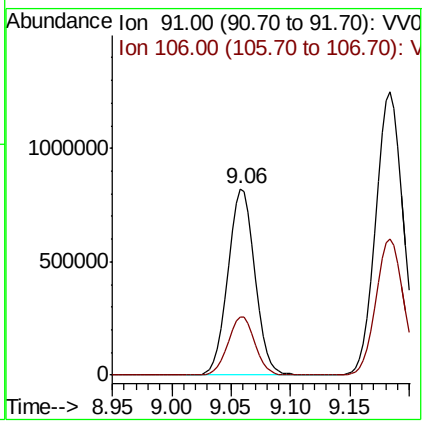


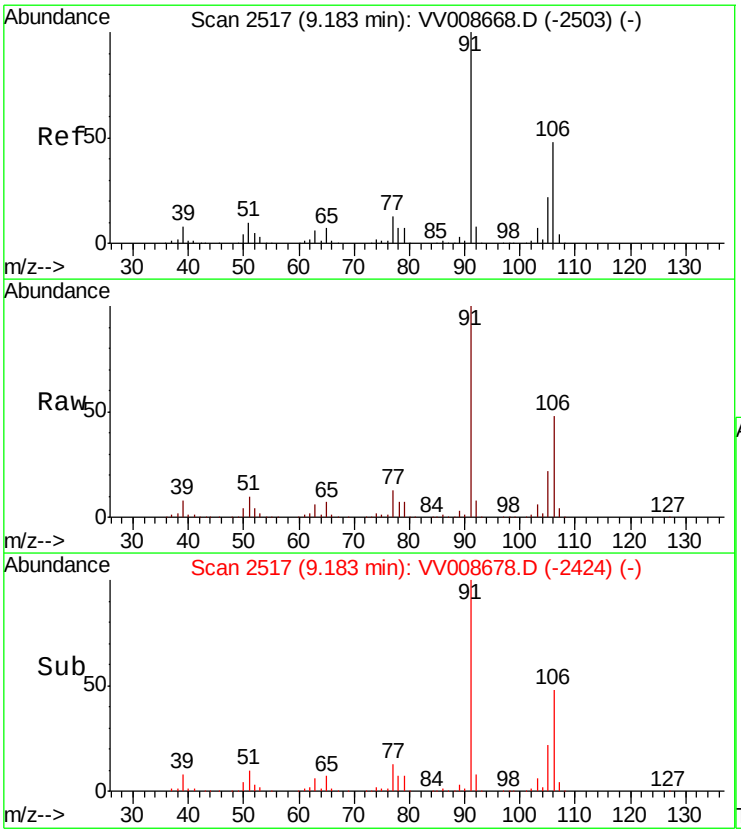
#52
Ethylbenzene
Concen: 134.592 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tgt Ion: 91 Resp: 1293317

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.2	39.4

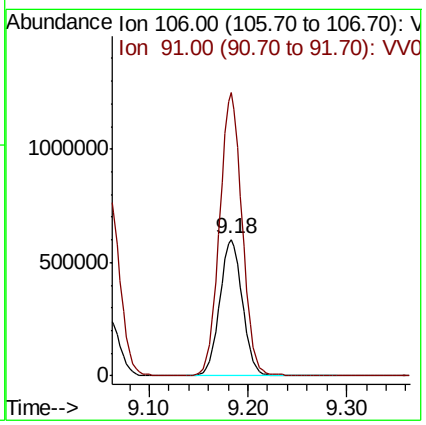


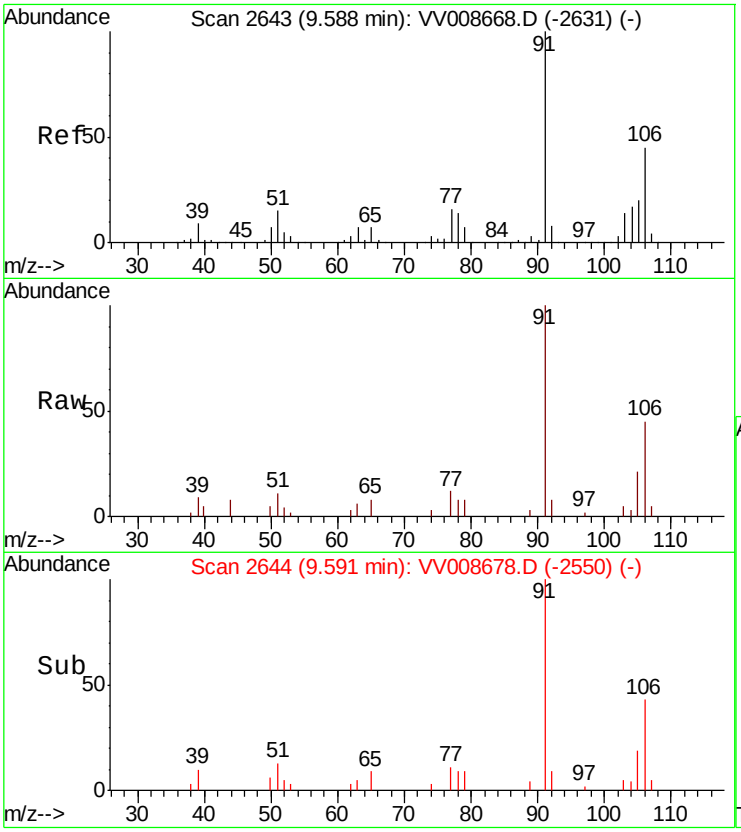


#53
m,p-Xylene
Concen: 275.036 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion:106 Resp: 971160

Ion	Ratio	Lower	Upper
106	100		
91	207.3	154.7	287.3



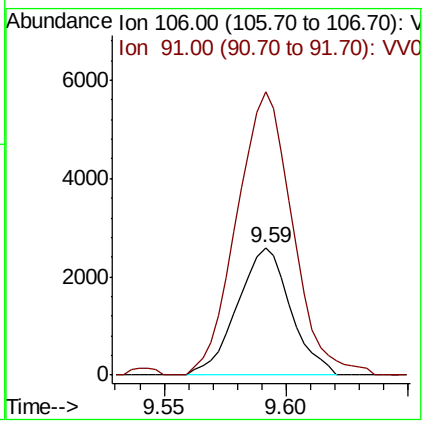


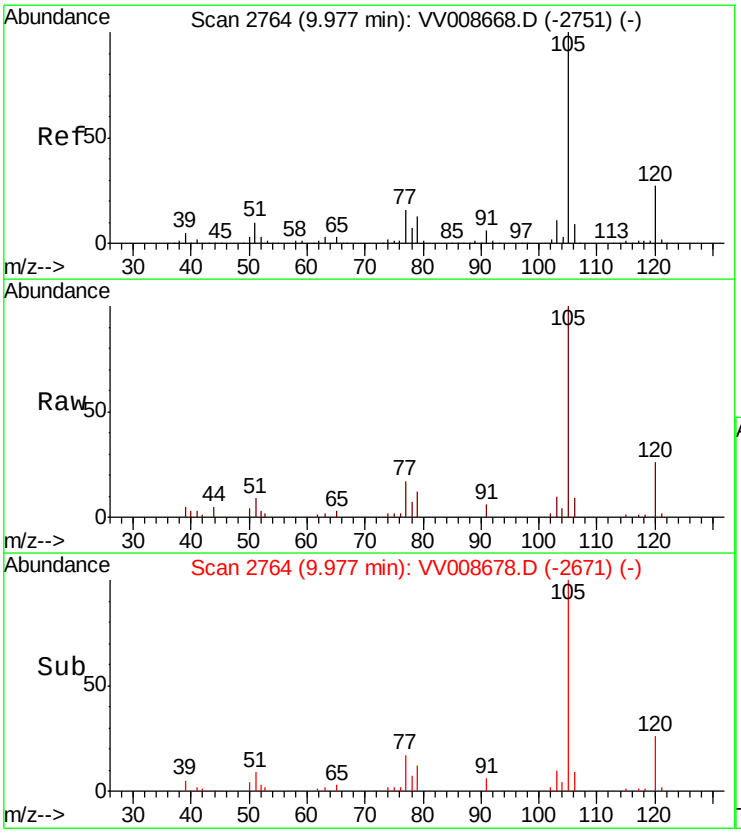
#54
o-xylene
Concen: 1.117 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tgt Ion:106 Resp: 3922

Ion	Ratio	Lower	Upper
106	100		
91	222.1	146.7	272.5

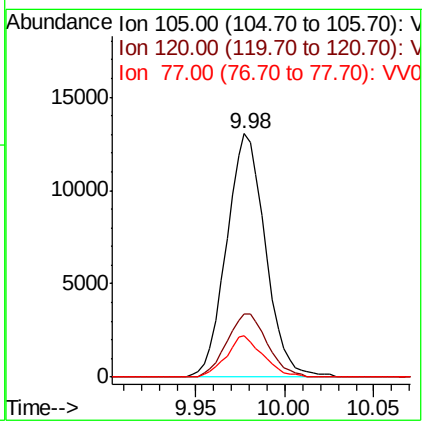


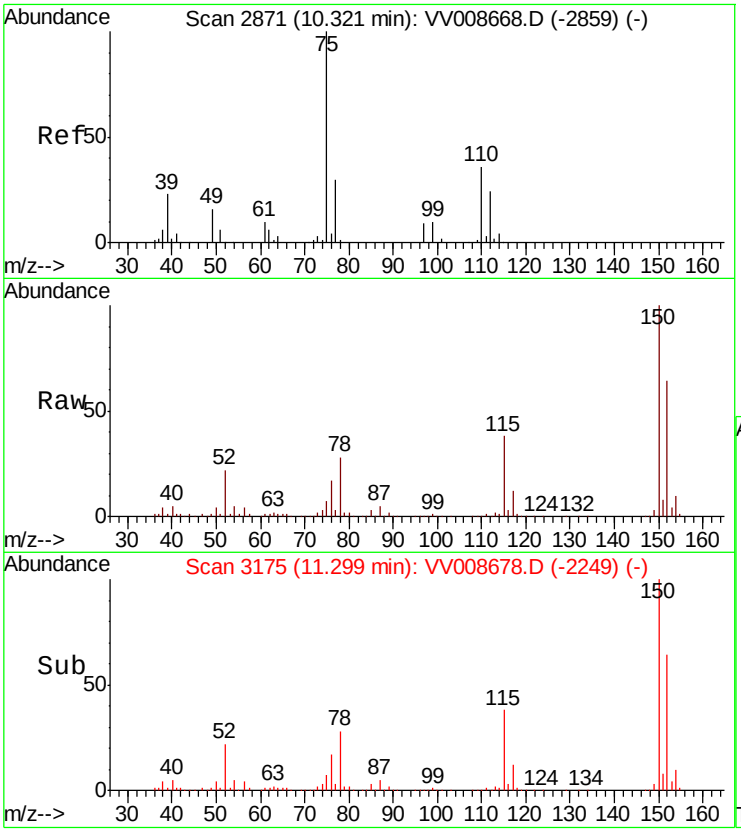


#56
Isopropylbenzene
Concen: 2.139 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion:105 Resp: 19750

Ion	Ratio	Lower	Upper
105	100		
120	26.9	20.5	30.7
77	16.0	12.8	19.2



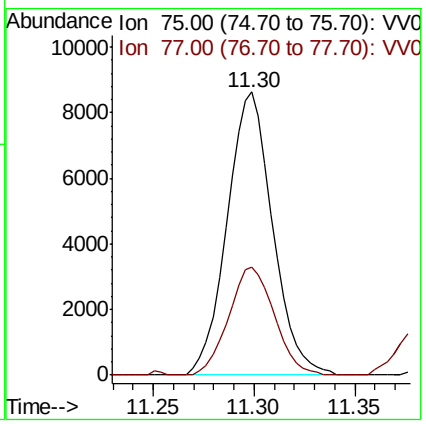


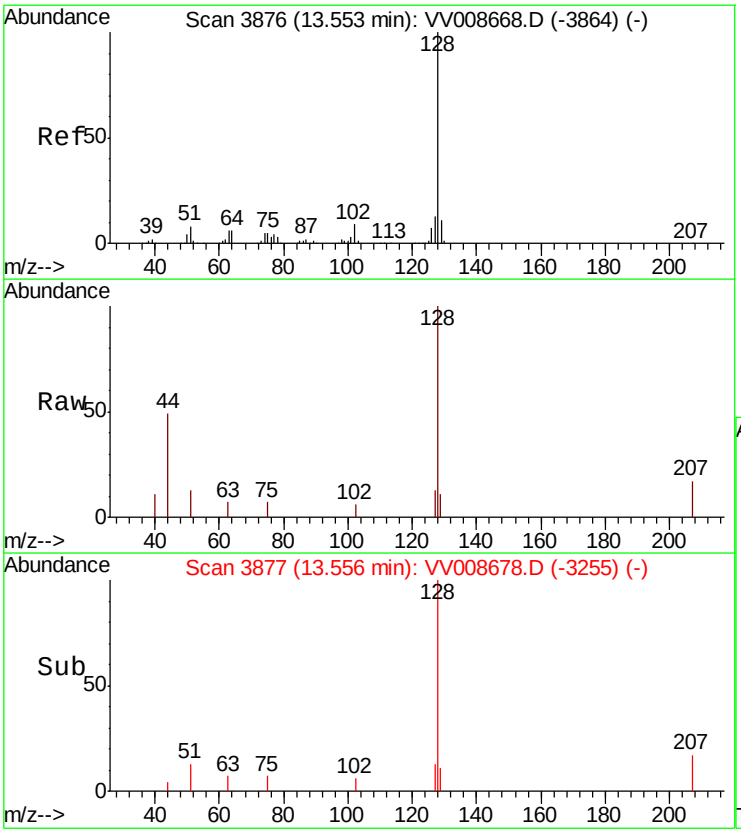
#59
1,2,3-Trichloropropane
Concen: 4.722 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument : MSVOA_V
ClientSampleId : E3YB1

Tgt Ion: 75 Resp: 13605

Ion	Ratio	Lower	Upper
75	100		
77	38.3	26.0	39.0





#69
Naphthalene
Concen: 0.494 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion:128 Resp: 2869

Ion	Ratio	Lower	Upper
128	100		
127	10.2	9.4	14.0
129	6.3	8.9	13.3#