Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041319\
Data File : VV010325.D
Acq On : 13 Apr 2019 18:17
Operator : SY/MD
Sample : K2297-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YC4

Quant Time: Apr 14 01:14:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 13 14:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	137983	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	136554	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64437	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	33121	4.51	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%				
7) Chloroethane-d5	1.59	69	35752	4.44	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%				
11) 1,1-Dichloroethene-d2	2.13	63	70290	3.43	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%				
20) 2-Butanone-d5	3.95	46	108614	57.98	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.96%				
24) Chloroform-d	4.40	84	85124	5.02	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%				
26) 1,2-Dichloroethane-d4	5.09	65	46431	5.42	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%				
32) Benzene-d6	5.10	84	159441	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%				
36) 1,2-Dichloropropane-d6	6.12	67	48219	4.84	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%				
41) Toluene-d8	7.36	98	141465	4.64	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%				
43) trans-1,3-Dichloropropene-	7.67	79	15796	4.97	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%				
46) 2-Hexanone-d5	8.14	63	84345	58.55	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.10%				
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41175	5.39	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.80%				
64) 1,2-Dichlorobenzene-d4	11.68	152	60696	5.22	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%				
Target Compounds							Qvalue
8) Chloroethane	1.60	64	1281	0.150	ug/L		90
13) Acetone	2.31	43	4542	2.880	ug/L		79
19) 1,1-Dichloroethane	3.22	63	2411	0.112	ug/L		88
22) cis-1,2-Dichloroethene	3.97	96	919	0.089	ug/L		78
25) Chloroform	4.42	83	3134	0.163	ug/L		98
29) 1,1,1-Trichloroethane	4.65	97	1214	0.074	ug/L	#	39
35) Methylcyclohexane	6.12	83	12739	0.786	ug/L	#	20
39) cis-1,3-Dichloropropene	7.02	75	1747	0.142	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	3564	0.743	ug/L	#	79
42) Toluene	7.43	91	4522	0.106	ug/L		95
53) m,p-xylene	9.18	106	4864	0.269	ug/L		85
54) o-xylene	9.59	106	2346	0.135	ug/L		94
67) 1,3,5-Trichlorobenzene	12.70	180	982	0.060	ug/L	#	89
69) Naphthalene	13.56	128	1089	0.081	ug/L	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041319\
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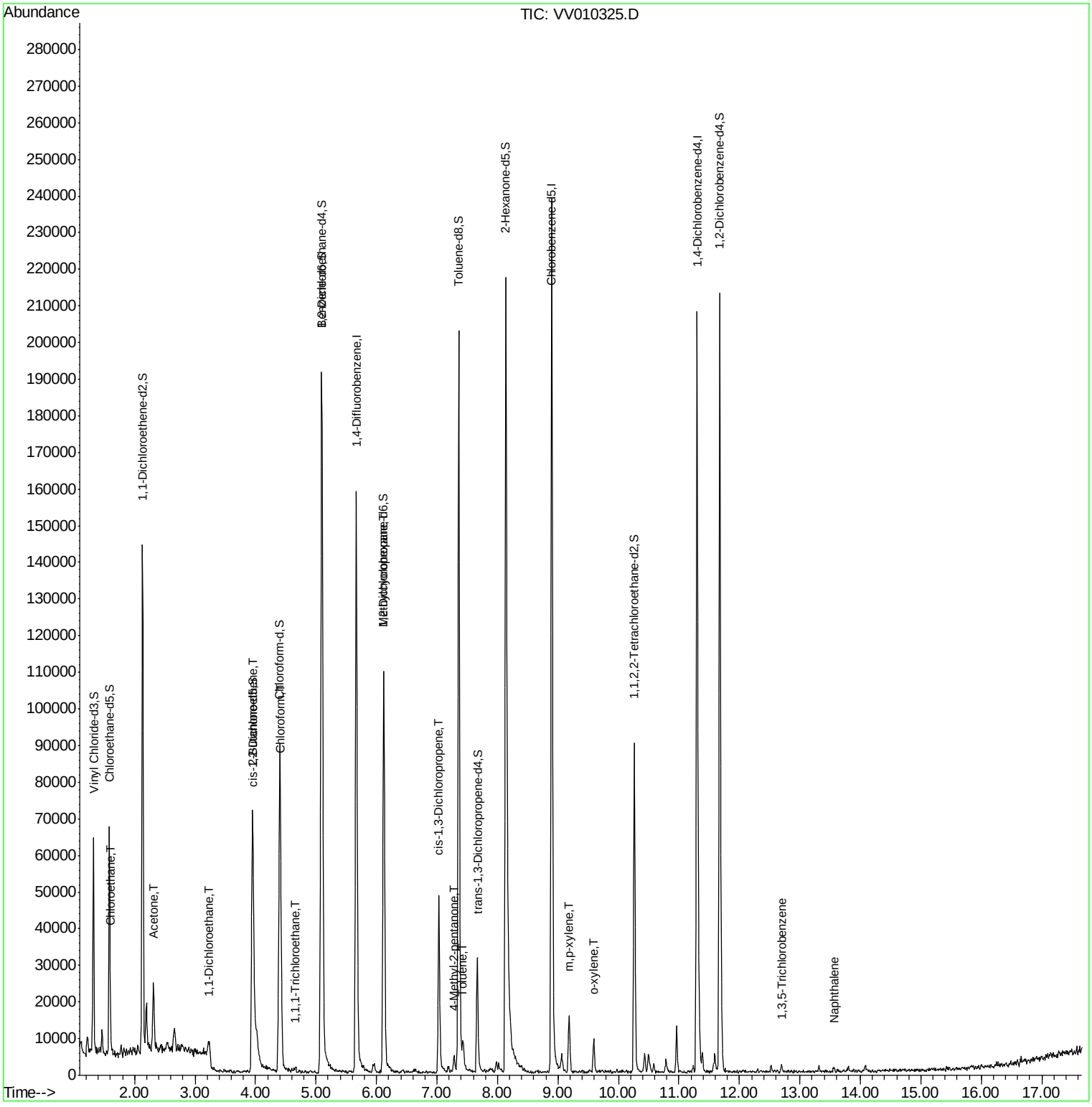
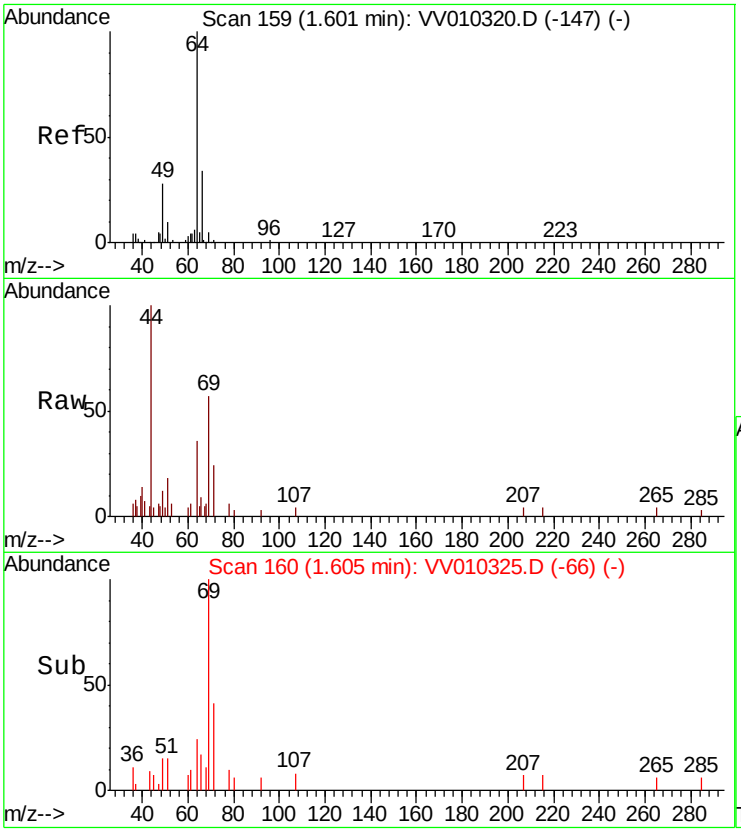
Acq On : 13 Apr 2019 18:17
Operator : SY/MD
Sample : K2297-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E3YC4

Quant Time: Apr 14 01:14:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 13 14:26:57 2019
Response via : Initial Calibration



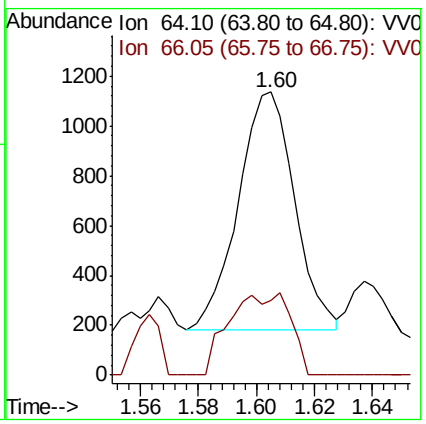


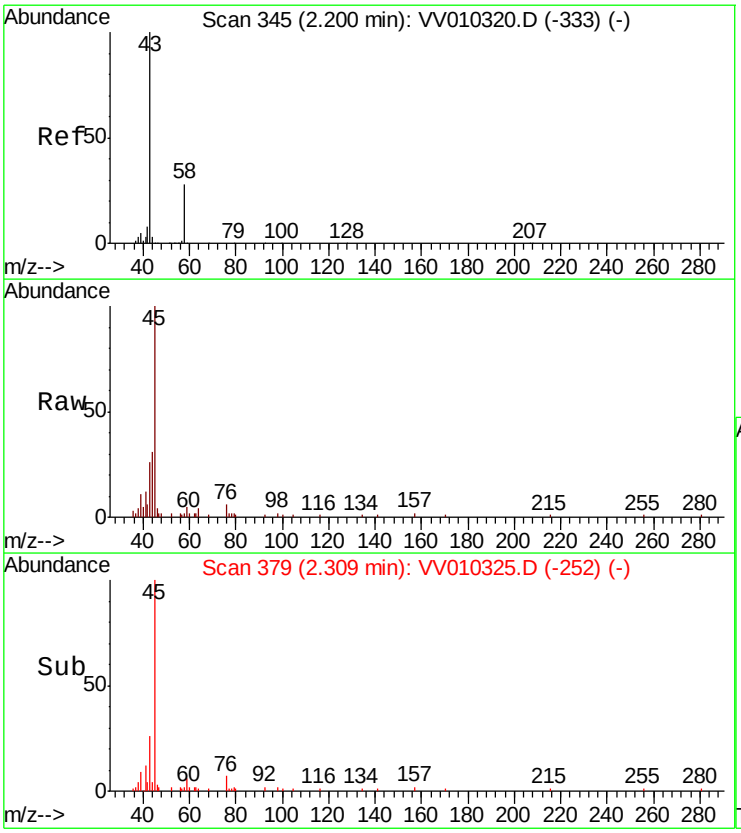
#8
Chloroethane
Concen: 0.150 ug/L
RT: 1.60 min Scan# 160
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument : MSVOA_V
ClientSampleId : E3YC4

Tgt Ion: 64 Resp: 1281

Ion	Ratio	Lower	Upper
64	100		
66	26.2	22.4	41.6

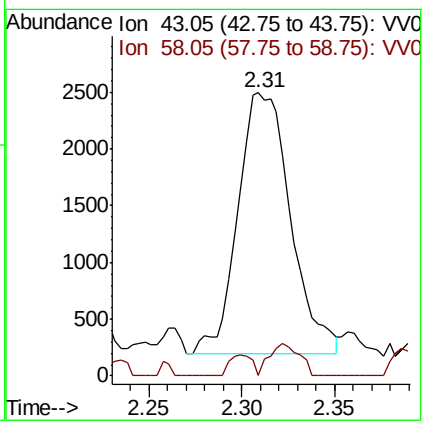


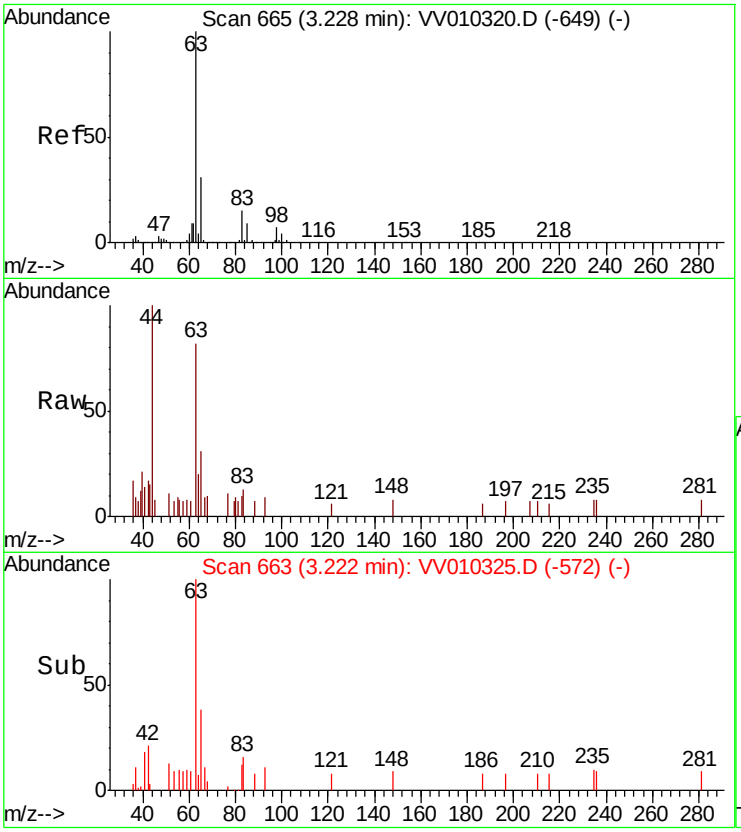


#13
Acetone
Concen: 2.880 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.11 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion: 43 Resp: 4542

Ion	Ratio	Lower	Upper
43	100		
58	3.5	0.0	23.0



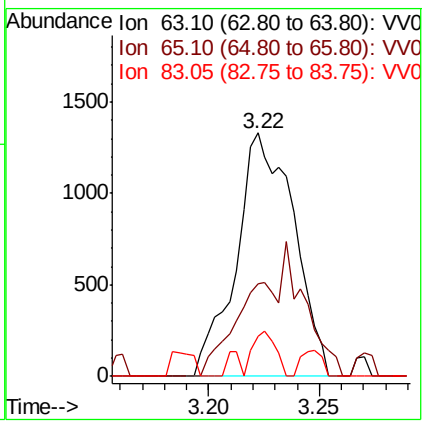


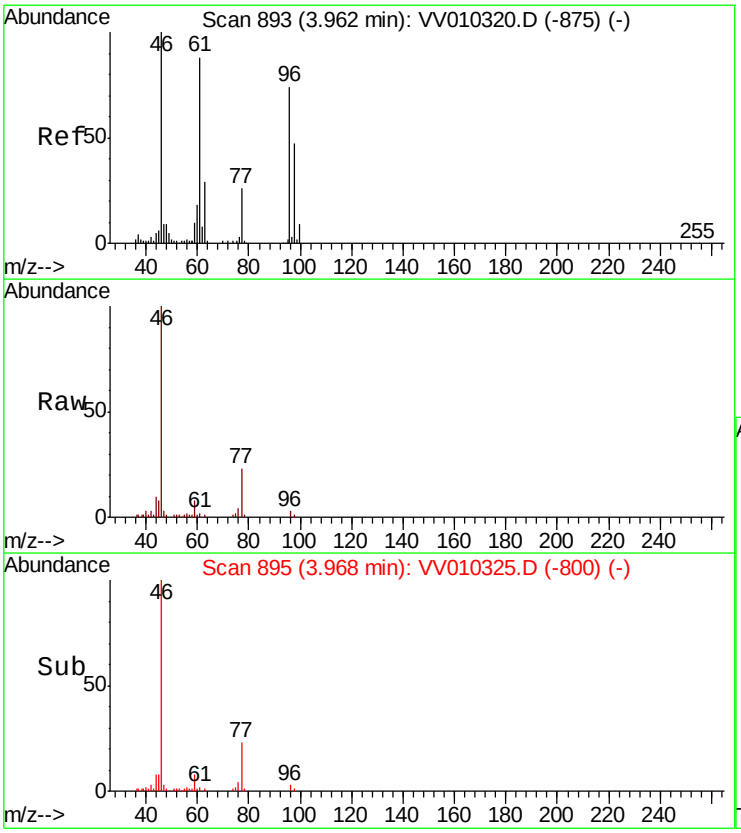
#19
1,1-Dichloroethane
Concen: 0.112 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.01 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument : MSVOA_V
ClientSampleId : E3YC4

Tgt Ion: 63 Resp: 2411

Ion	Ratio	Lower	Upper
63	100		
65	38.2	21.3	39.5
83	16.4	9.9	18.5

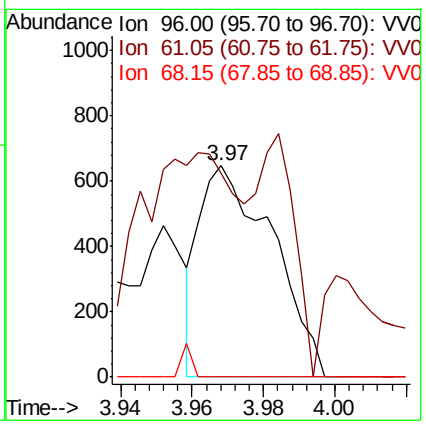


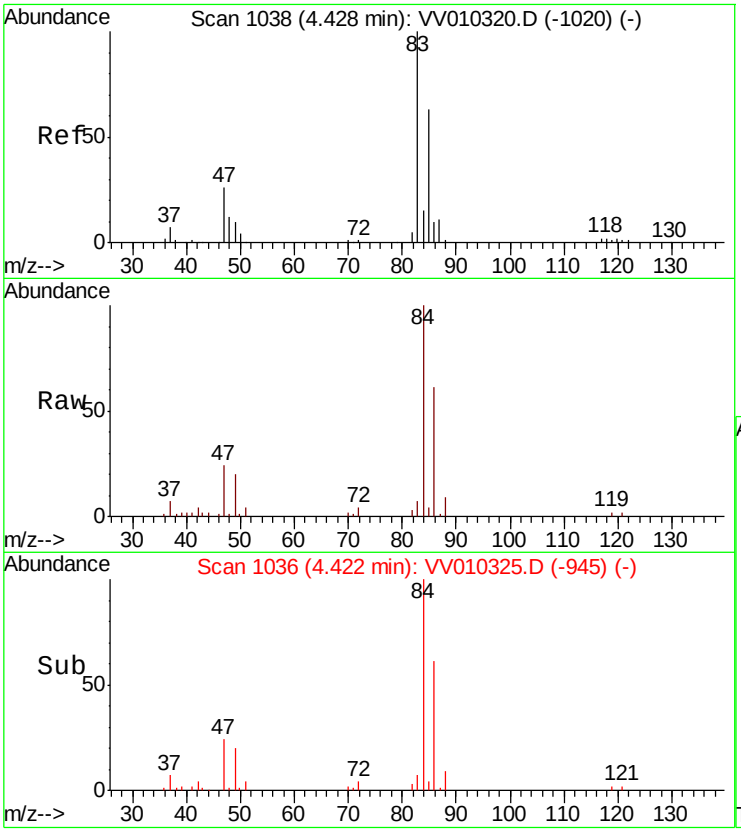


#22
cis-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion: 96 Resp: 919

Ion	Ratio	Lower	Upper
96	100		
61	96.3	84.8	157.4
68	0.0	0.0	0.0



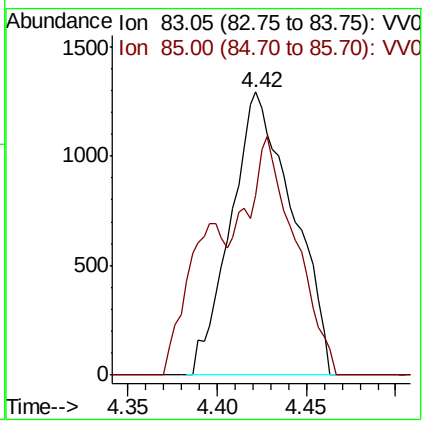


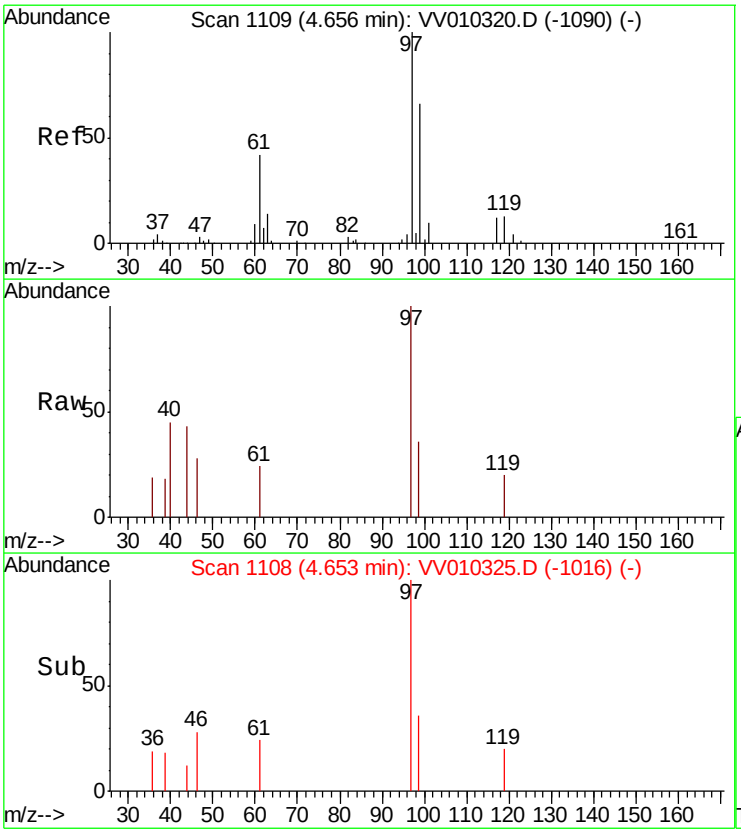
#25
Chloroform
Concen: 0.163 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument : MSVOA_V
ClientSampleId : E3YC4

Tgt Ion: 83 Resp: 3134

Ion	Ratio	Lower	Upper
83	100		
85	63.5	45.7	84.9

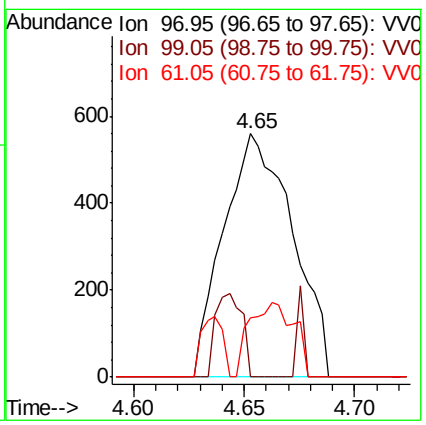


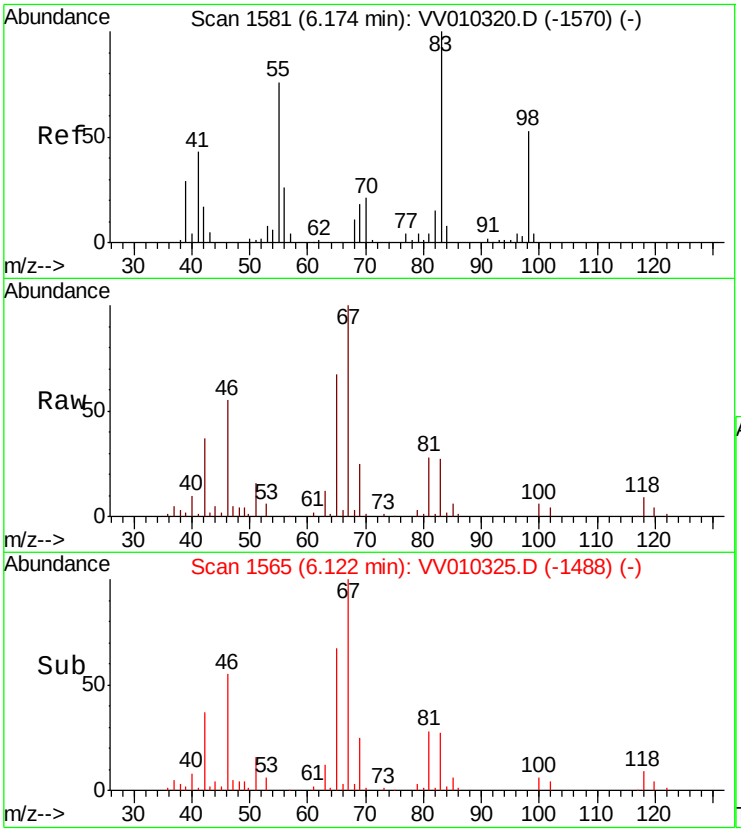


#29
1,1,1-Trichloroethane
Concen: 0.074 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion: 97 Resp: 1214

Ion	Ratio	Lower	Upper
97	100		
99	3.4	50.8	76.2#
61	19.8	35.0	52.6#



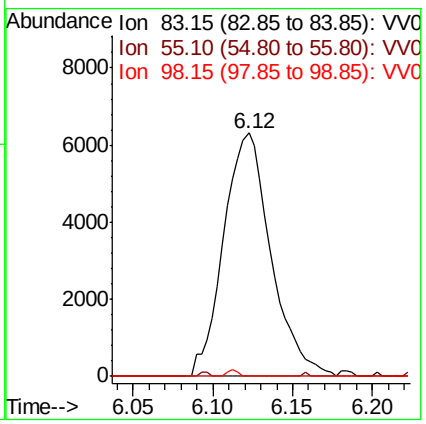


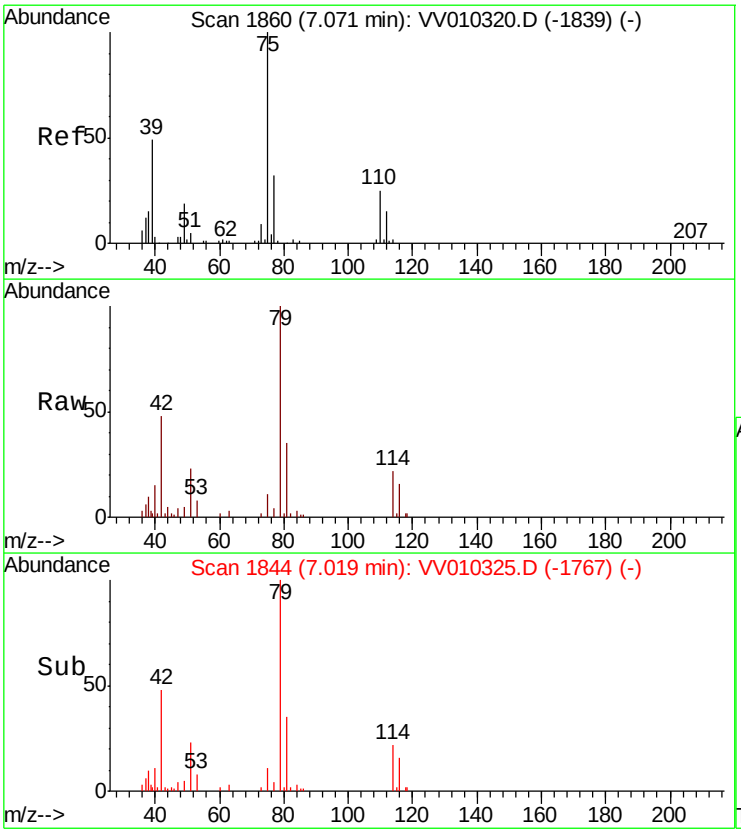
#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
E3YC4

Tgt Ion: 83 Resp: 12739

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.4	86.2#
98	0.6	38.9	58.3#

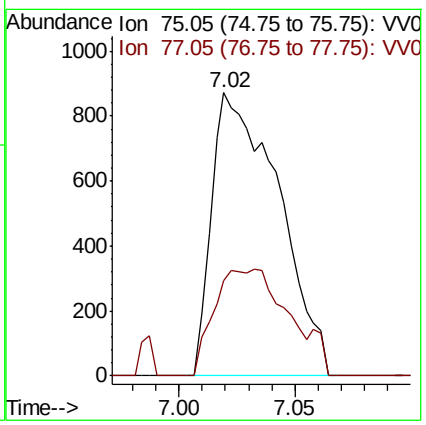


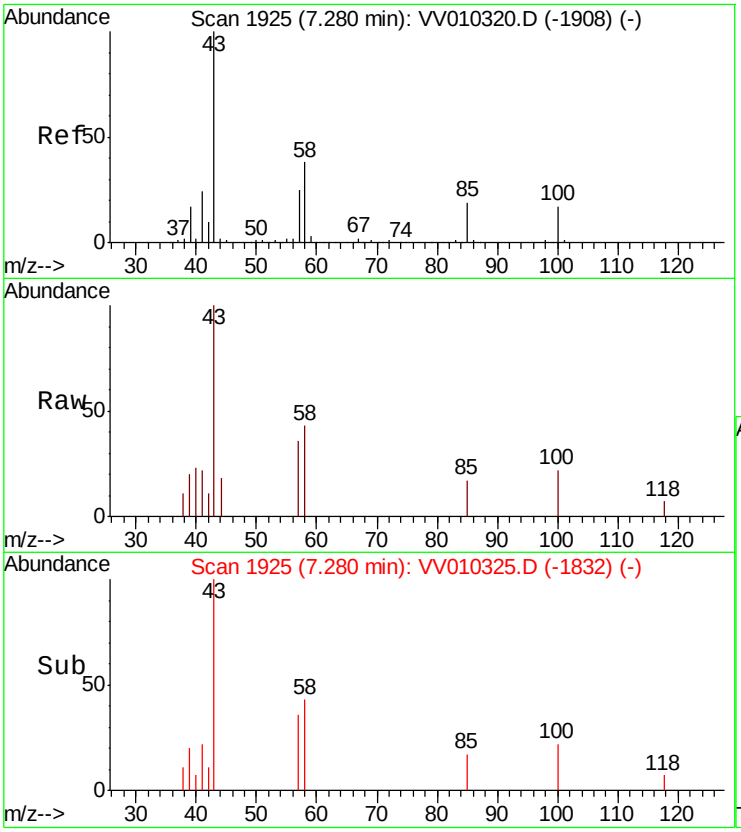


#39
cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.02 min Scan# 1844
Delta R.T. -0.05 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion: 75 Resp: 1747

Ion	Ratio	Lower	Upper
75	100		
77	33.6	24.1	44.8



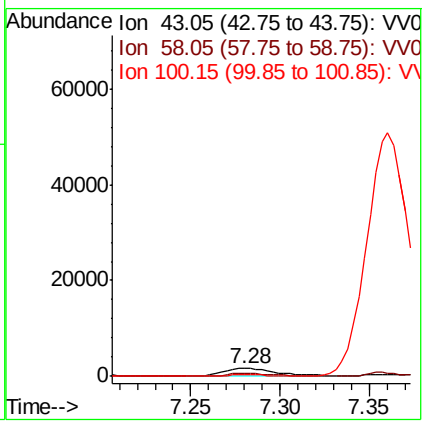


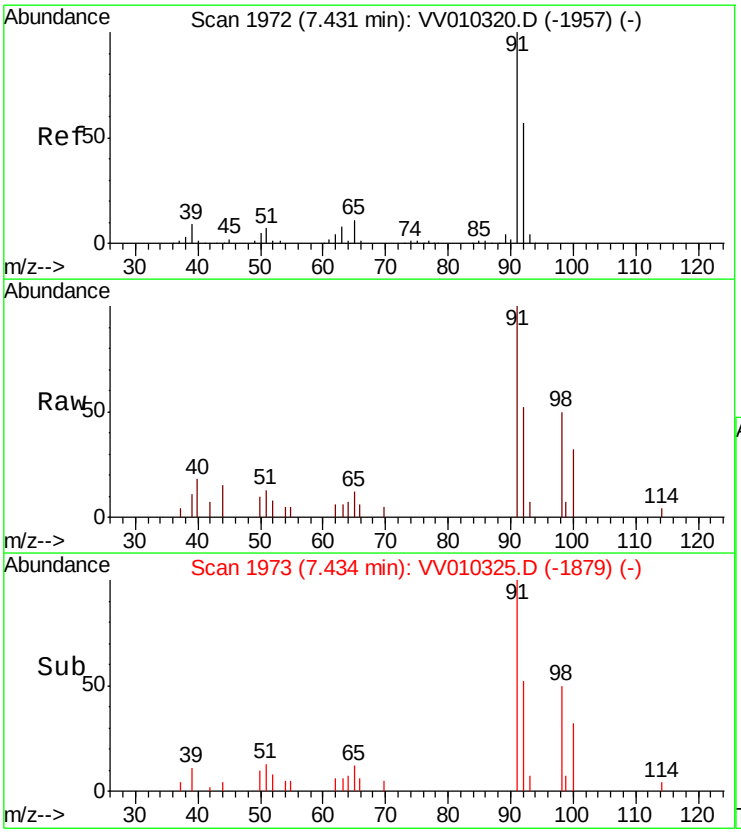
#40
4-Methyl-2-pentanone
Concen: 0.743 ug/L
RT: 7.28 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument : MSVOA_V
ClientSampleId : E3YC4

Tgt Ion: 43 Resp: 3564

Ion	Ratio	Lower	Upper
43	100		
58	31.2	32.3	48.5#
100	0.0	12.0	18.0#

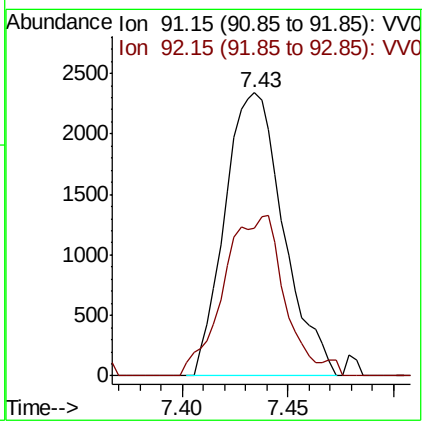


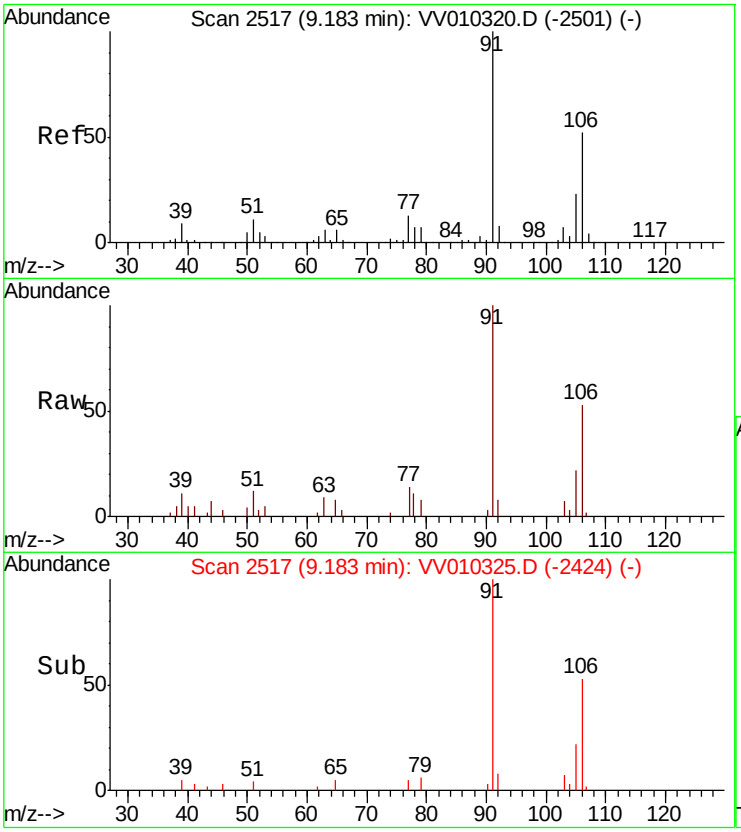


#42
Toluene
Concen: 0.106 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion: 91 Resp: 4522

Ion	Ratio	Lower	Upper
91	100		
92	52.4	39.1	72.5



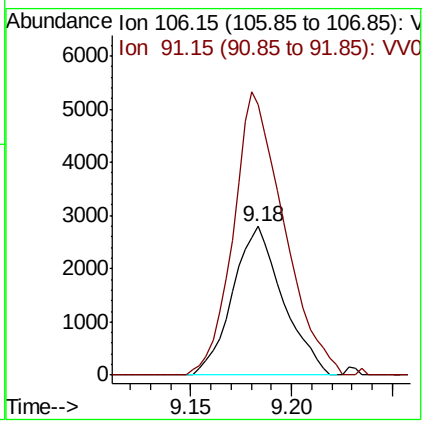


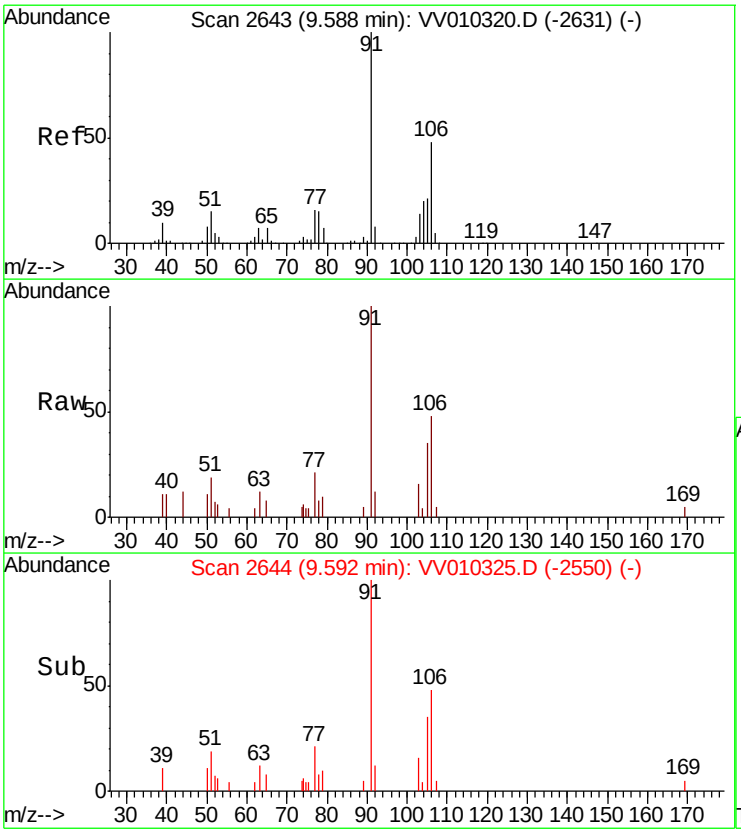
#53
m,p-xylene
Concen: 0.269 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
E3YC4

Tgt Ion:106 Resp: 4864

Ion	Ratio	Lower	Upper
106	100		
91	181.7	143.2	266.0

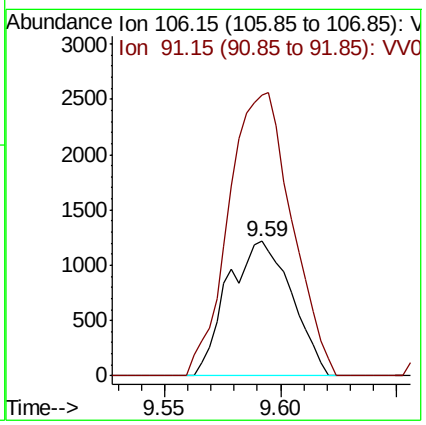


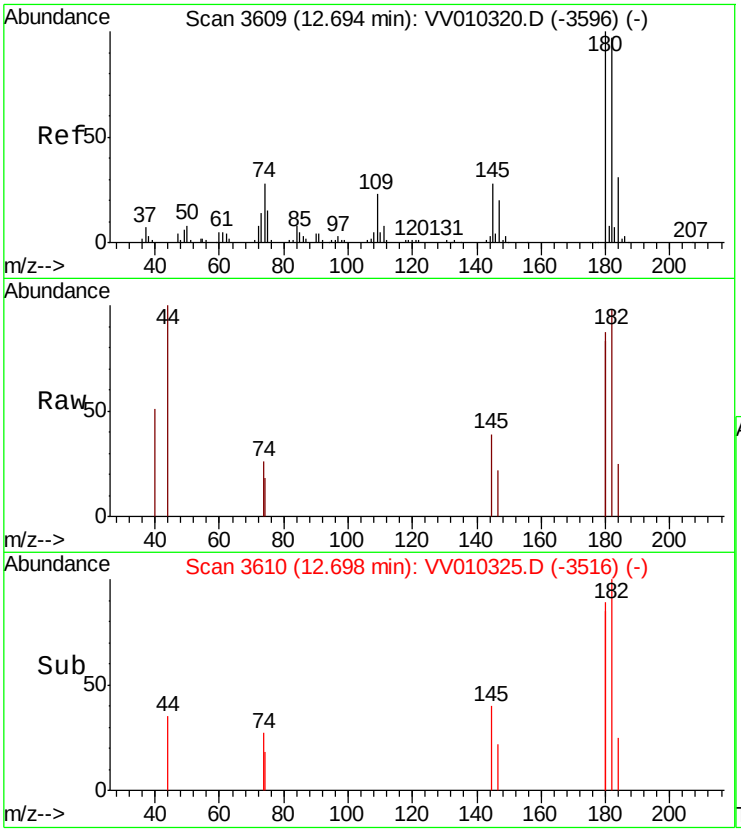


#54
o-xylene
Concen: 0.135 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion:106 Resp: 2346

Ion	Ratio	Lower	Upper
106	100		
91	209.3	152.9	283.9



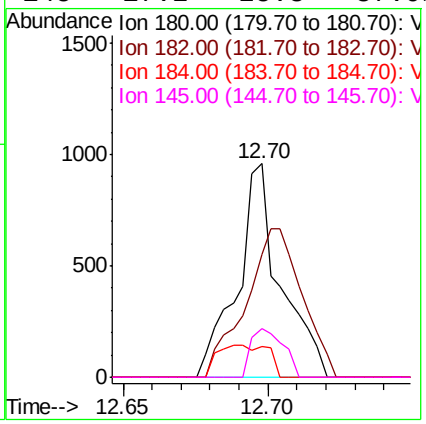


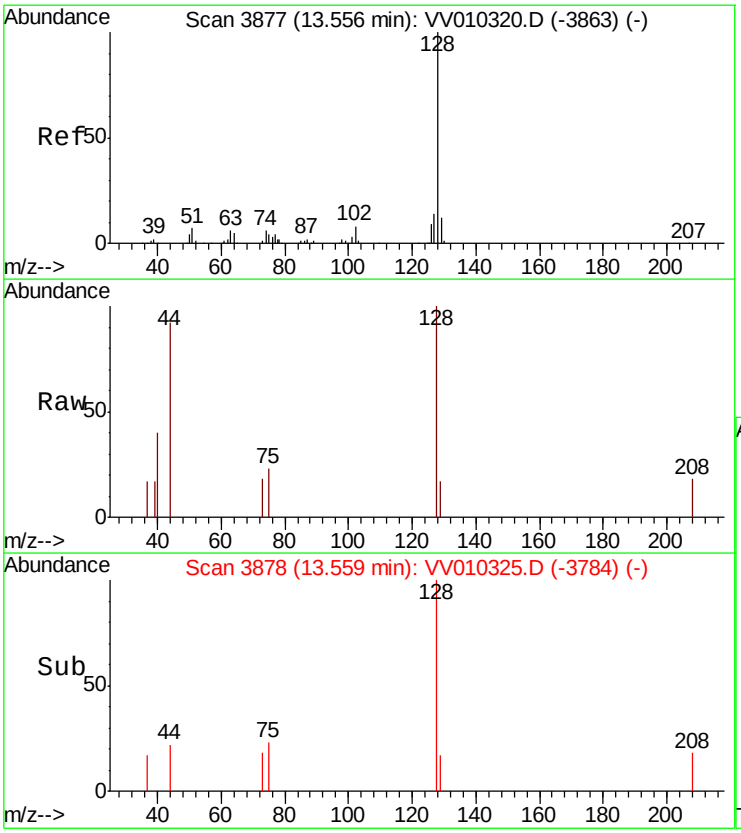
#67
1,3,5-Trichlorobenzene
Concen: 0.060 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Instrument : MSVOA_V
ClientSampleId : E3YC4

Tgt Ion:180 Resp: 982

Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.0	112.6
184	18.0	23.9	35.9#
145	17.2	25.3	37.9#





#69
Naphthalene
Concen: 0.081 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.00 min
Lab File: VV010325.D
Acq: 13 Apr 2019 18:17

Tgt Ion:128 Resp: 1089

Ion	Ratio	Lower	Upper
128	100		
129	5.7	8.9	13.3#
127	6.8	10.4	15.6#