Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016748.D
Acq On : 10 Jun 2020 04:19
Operator : SY/MD
Sample : L2914-09 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E12

Quant Time: Jun 10 06:12:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 06:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357224	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166762	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	82633	32.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.56%			
7) Chloroethane-d5	1.56	69	65691	43.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.86%			
11) 1,1-Dichloroethene-d2	2.12	63	123184	29.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.20%#			
21) 2-Butanone-d5	3.89	46	175502	94.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.07%			
24) Chloroform-d	4.37	84	217949	42.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.04%			
26) 1,2-Dichloroethane-d4	5.05	65	155731	44.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.34%			
32) Benzene-d6	5.07	84	412674	42.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.38%			
36) 1,2-Dichloropropane-d6	6.09	67	131792	43.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.48%			
41) Toluene-d8	7.34	98	360494	40.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.28%			
43) trans-1,3-Dichloropropene-	7.64	79	59646	38.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.02%			
47) 2-Hexanone-d5	8.11	63	115636	88.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.03%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182065	45.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.28%			
64) 1,2-Dichlorobenzene-d4	11.65	152	161525	45.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.78%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1454	0.766	ug/L #	19
27) 1,2-Dichloroethane	5.12	62	39337	10.035	ug/L #	74
29) Cyclohexane	4.70	56	8451	2.028	ug/L #	91
33) Benzene	5.12	78	3556305	358.456	ug/L	100
42) Toluene	7.41	91	346656	33.145	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3578	0.918	ug/L #	76
48) 2-Hexanone	8.17	43	10455	3.688	ug/L #	82
52) Ethylbenzene	9.04	91	209125	18.052	ug/L	99
53) m,p-Xylene	9.16	106	12967	3.006	ug/L	85
54) o-xylene	9.57	106	11613	2.730	ug/L	96
69) Naphthalene	13.53	128	11277	1.085	ug/L	95

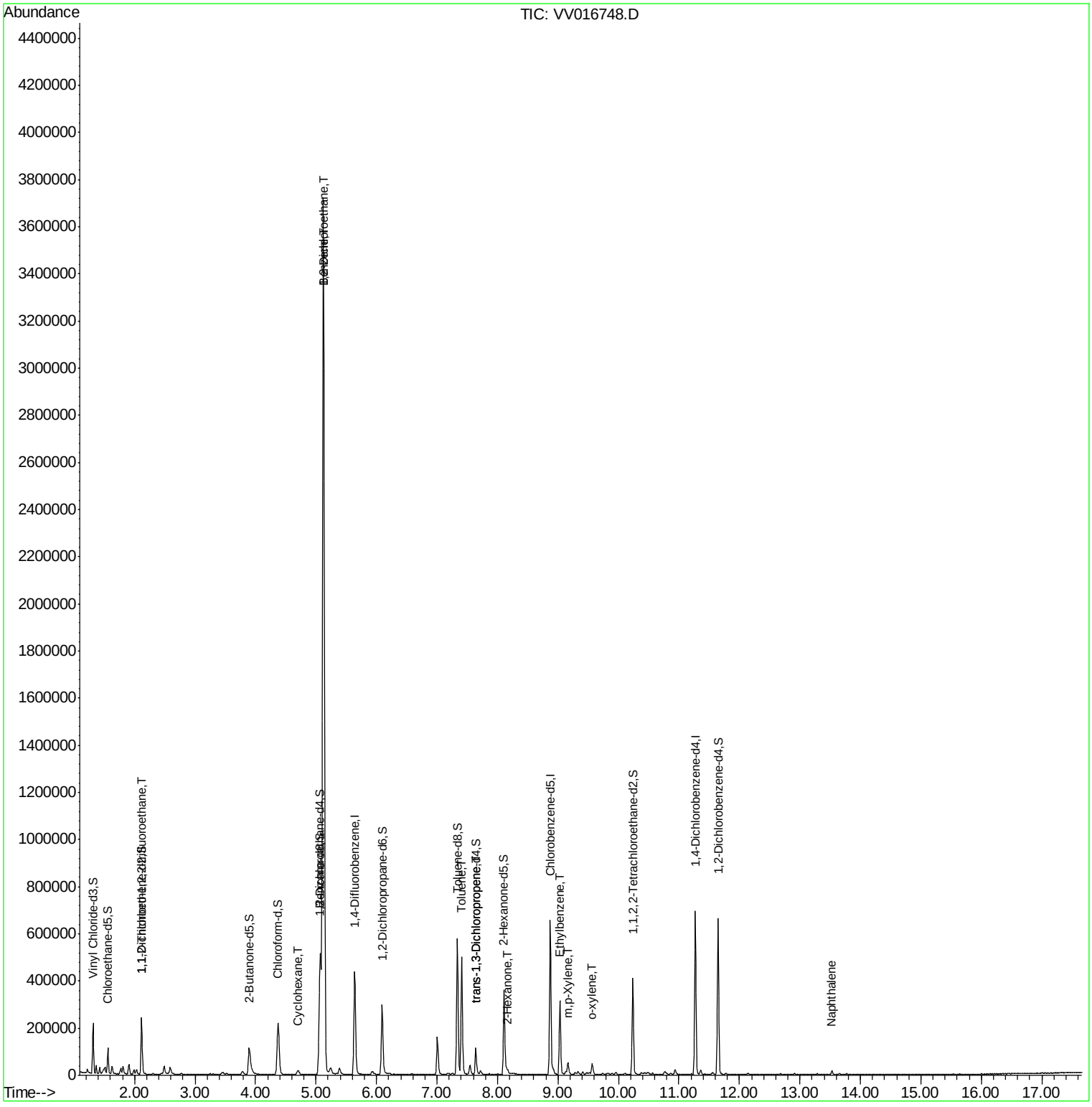
(#) = qualifier out of range (m) = manual integration (+) = signals summed

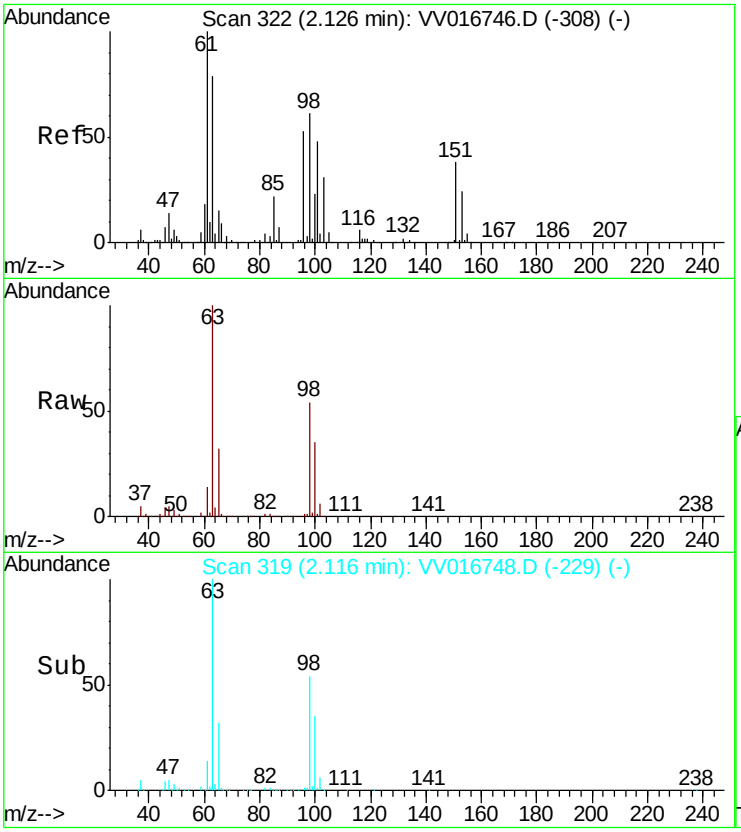
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016748.D
Acq On : 10 Jun 2020 04:19
Operator : SY/MD
Sample : L2914-09 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E12

Quant Time: Jun 10 06:12:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 06:10:57 2020
Response via : Initial Calibration



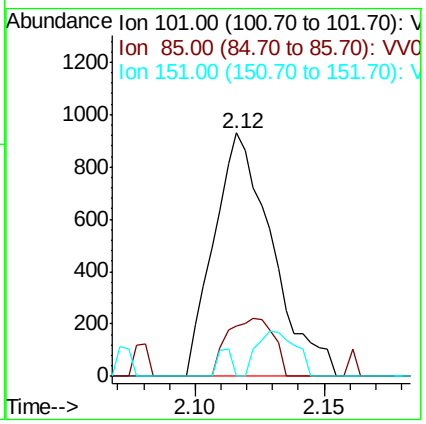


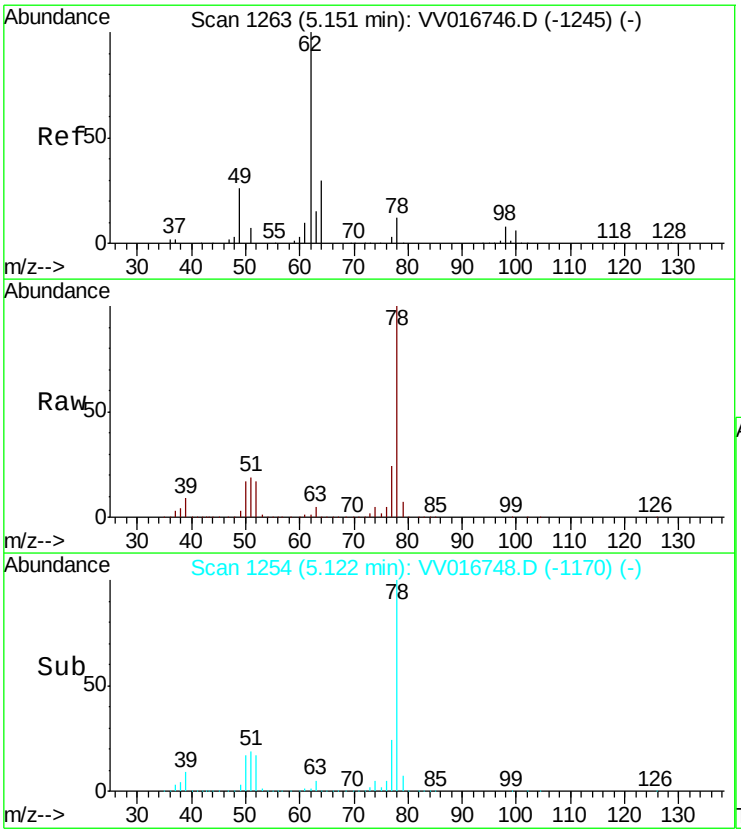
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.766 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.01 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Instrument : MSVOA_V
ClientSampleId : F9E12

Tgt Ion:101 Resp: 1454

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.5	53.3#
151	2.7	63.9	95.9#

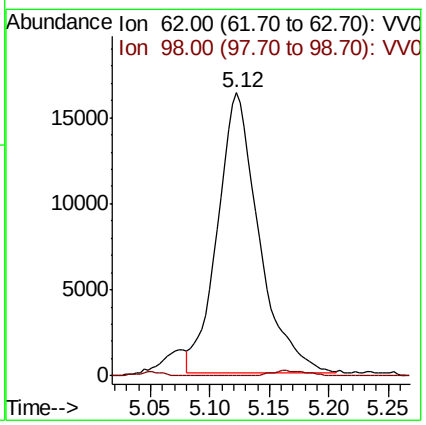


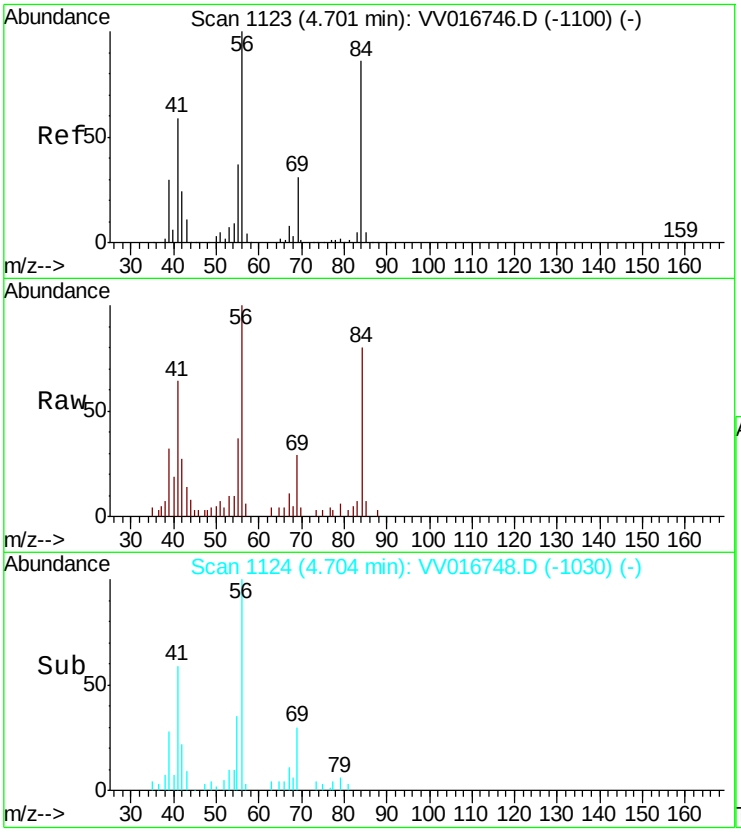


#27
1,2-Dichloroethane
Concen: 10.035 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.03 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Tgt Ion: 62 Resp: 39337

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#



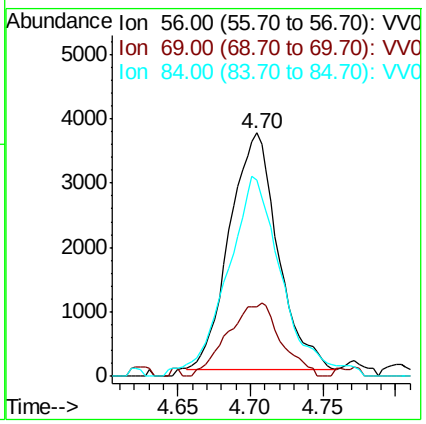


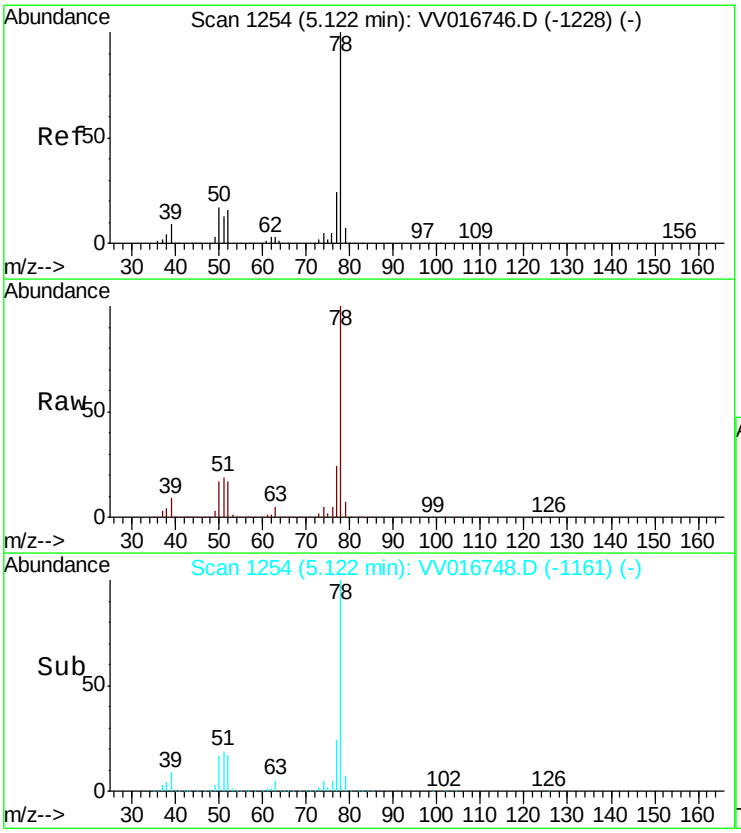
#29
Cyclohexane
Concen: 2.028 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Instrument : MSVOA_V
ClientSampleId : F9E12

Tgt Ion: 56 Resp: 8451

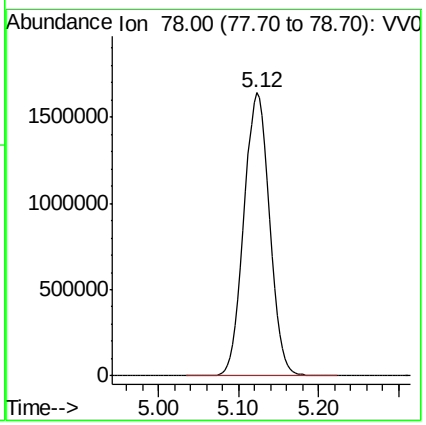
Ion	Ratio	Lower	Upper
56	100		
69	17.3	25.0	37.4#
84	83.6	69.5	104.3

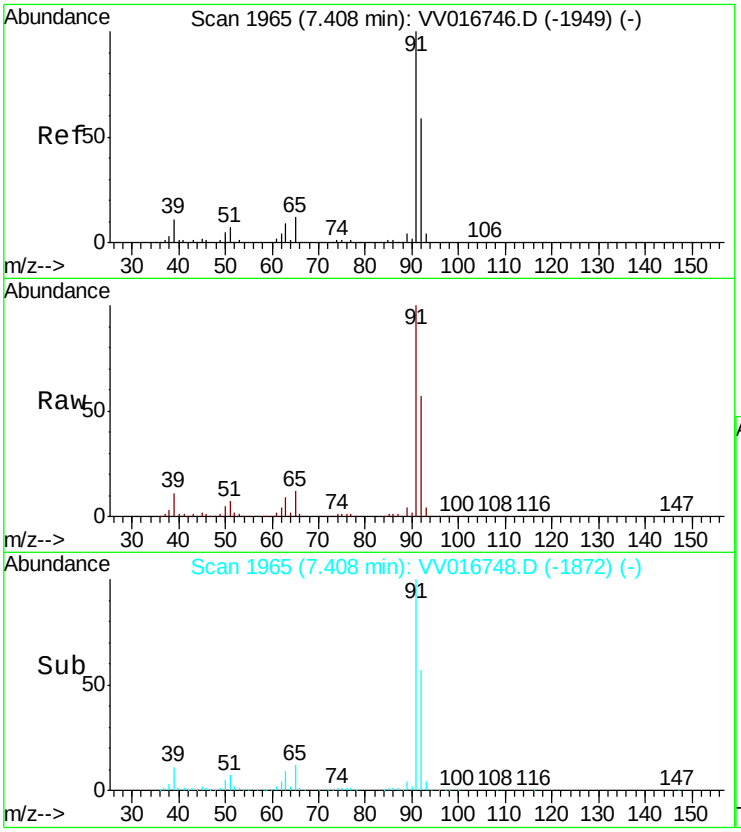




#33
Benzene
Concen: 358.456 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Tgt Ion: 78 Resp: 3556305



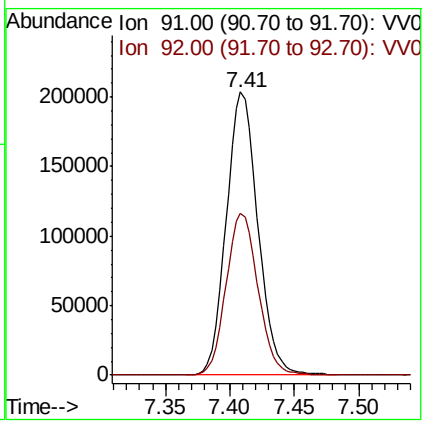


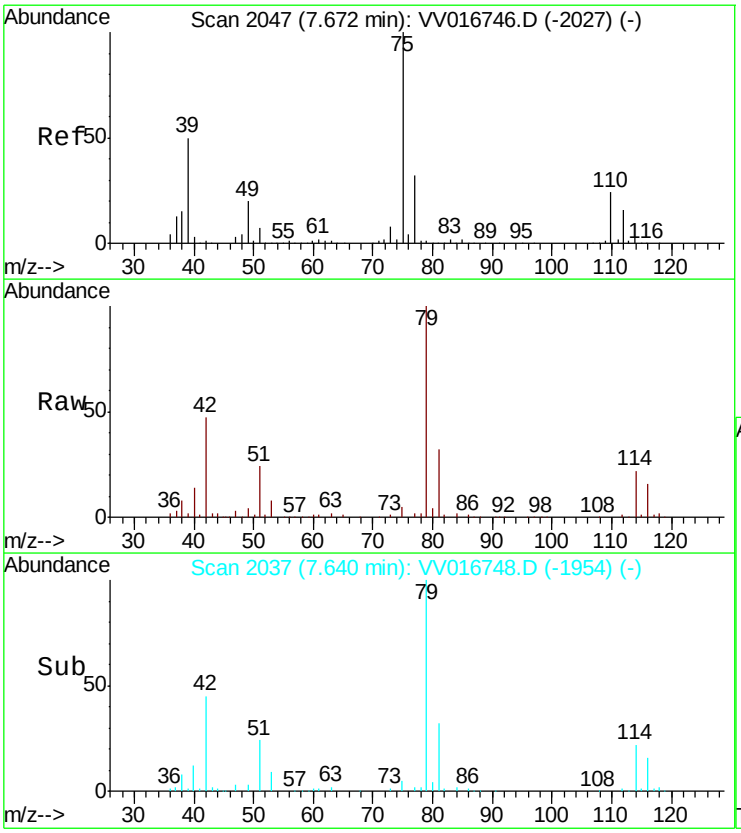
#42
Toluene
Concen: 33.145 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Instrument : MSVOA_V
ClientSampleId : F9E12

Tgt Ion: 91 Resp: 346656

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.4	75.0

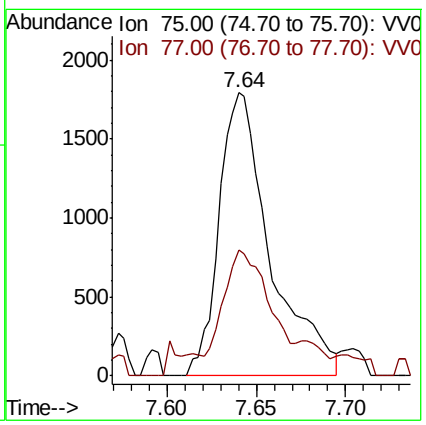


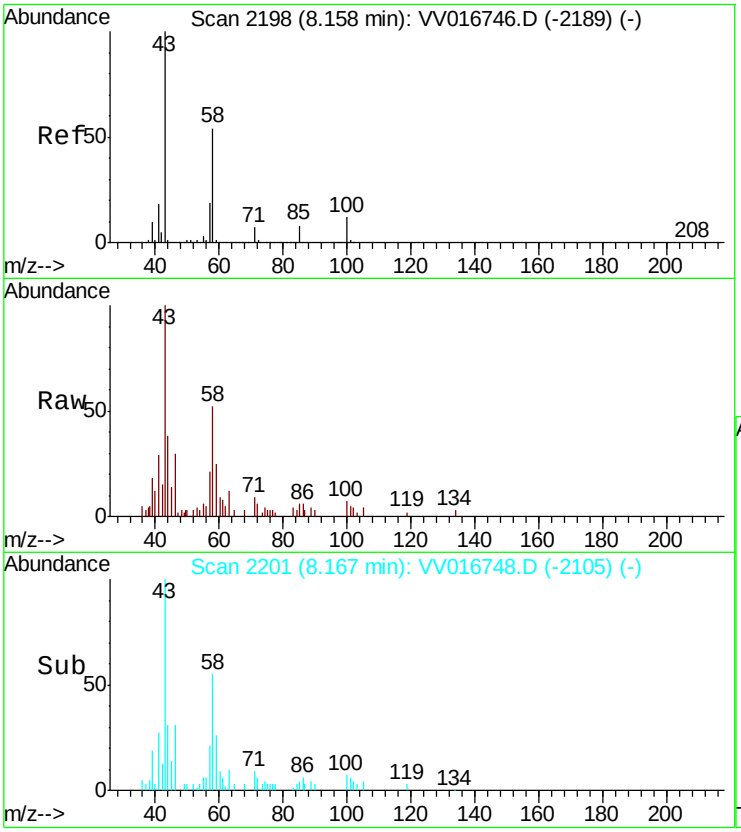


#44
trans-1,3-Dichloropropene
Concen: 0.918 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Tgt Ion: 75 Resp: 3578

Ion	Ratio	Lower	Upper
75	100		
77	44.3	21.7	40.3#



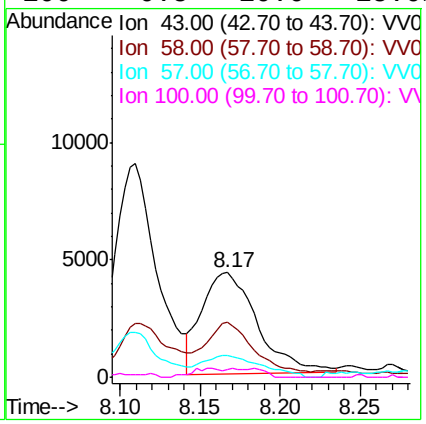


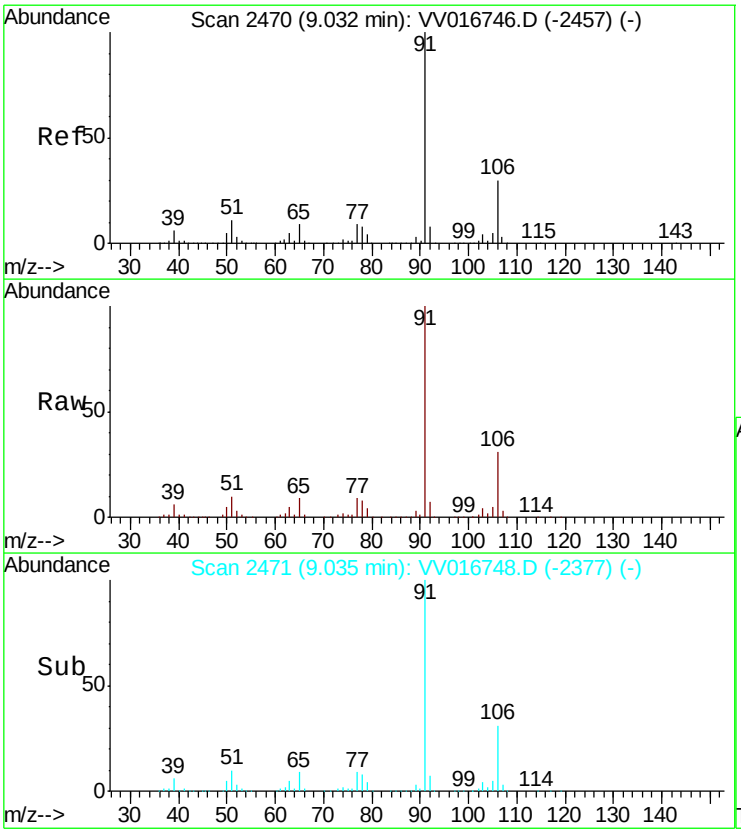
#48
2-Hexanone
Concen: 3.688 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Instrument : MSVOA_V
ClientSampleId : F9E12

Tgt Ion: 43 Resp: 10455

Ion	Ratio	Lower	Upper
43	100		
58	40.6	43.1	64.7#
57	22.2	15.3	22.9
100	0.5	10.0	15.0#

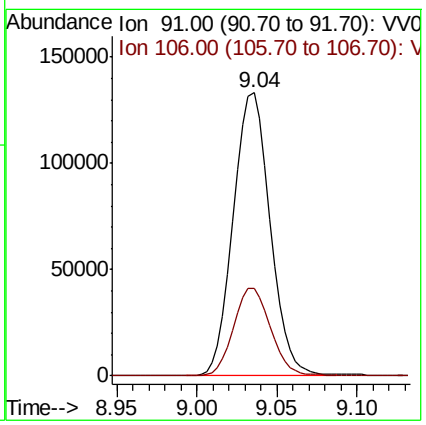


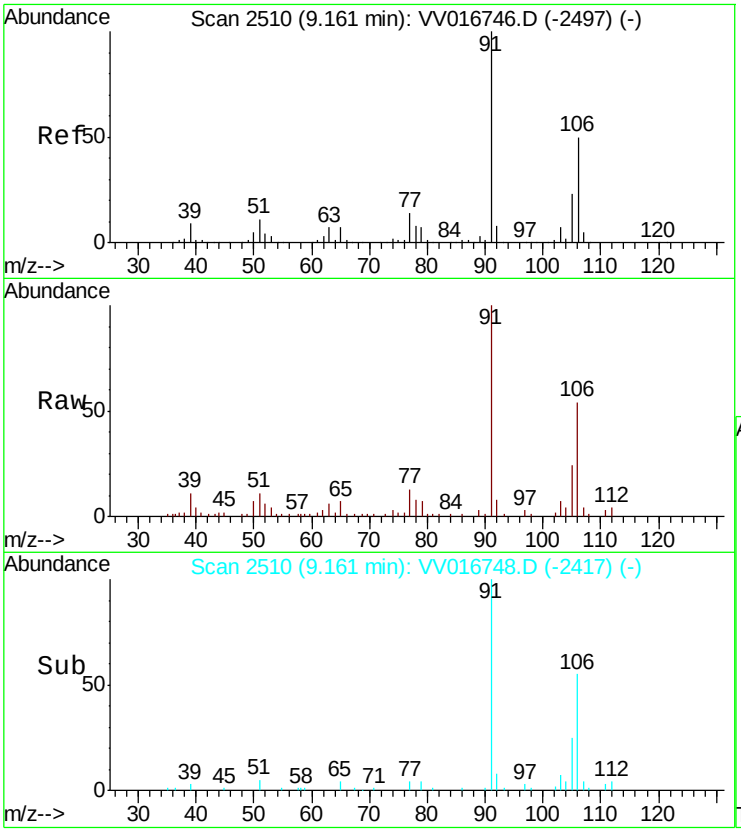


#52
Ethylbenzene
Concen: 18.052 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Tgt Ion: 91 Resp: 209125

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.1	39.1



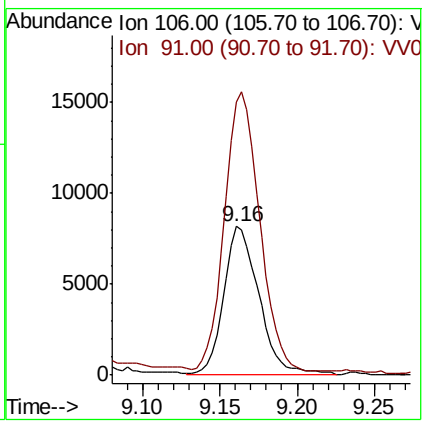


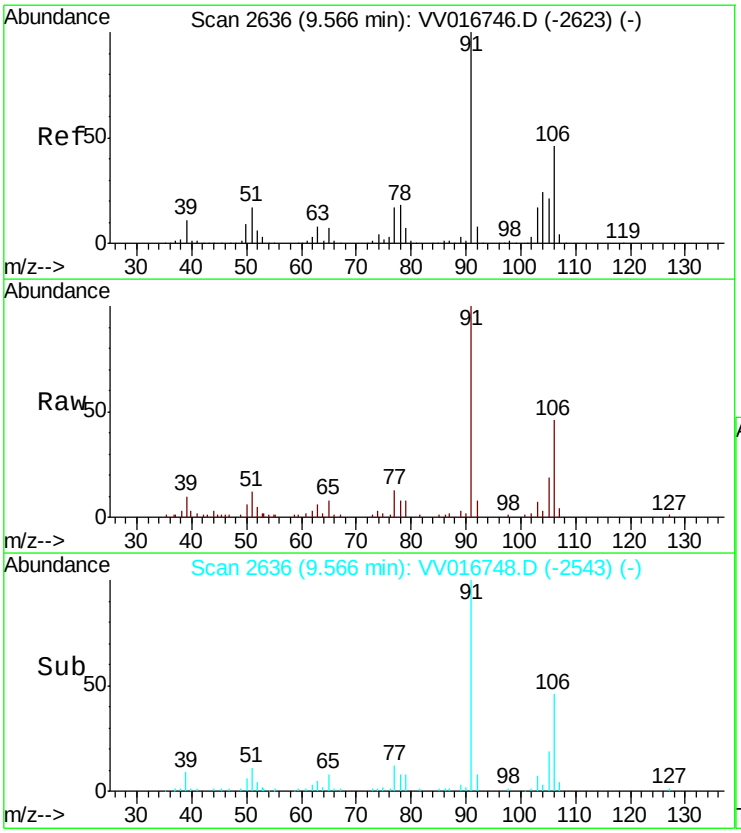
#53
m,p-Xylene
Concen: 3.006 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Instrument :
MSVOA_V
ClientSampleId :
F9E12

Tgt Ion:106 Resp: 12967

Ion	Ratio	Lower	Upper
106	100		
91	183.9	144.6	268.6

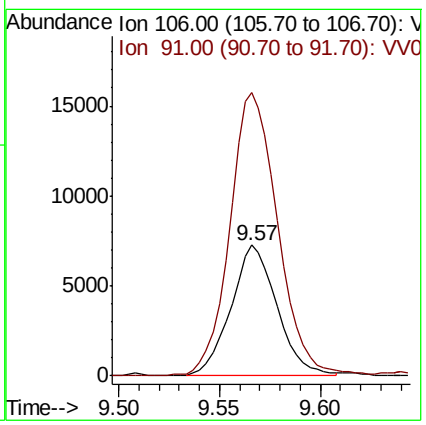


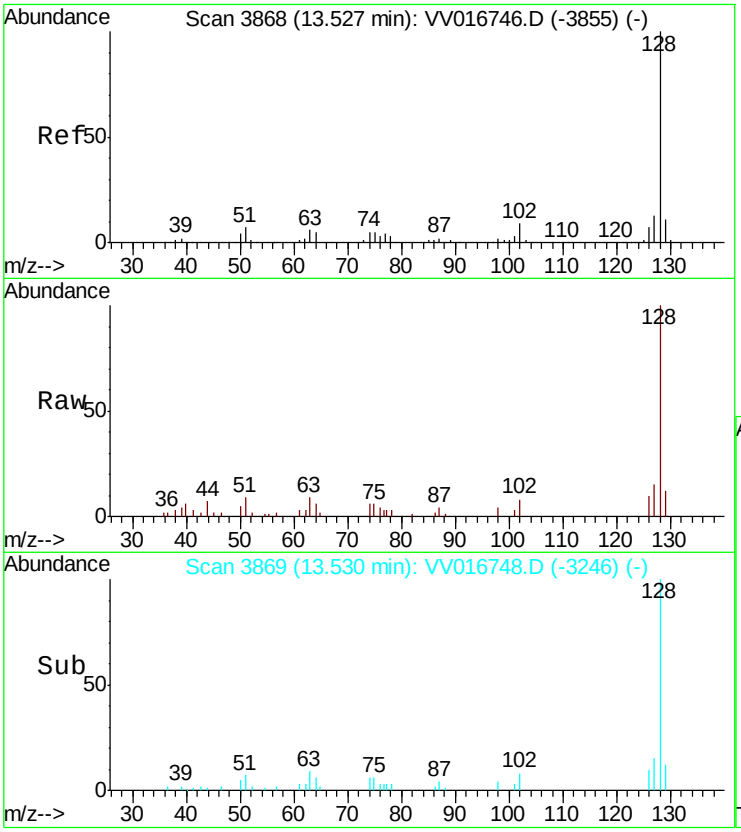


#54
o-xylene
Concen: 2.730 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Tgt Ion:106 Resp: 11613

Ion	Ratio	Lower	Upper
106	100		
91	216.1	155.9	289.5





#69
Naphthalene
Concen: 1.085 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016748.D
Acq: 10 Jun 2020 04:19

Instrument :
MSVOA_V
ClientSampleId :
F9E12

Tgt Ion:128 Resp: 11277

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.5	15.7
129	12.0	8.7	13.1