Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016541.D
Acq On : 05 Jun 2020 17:17
Operator : SY/MD
Sample : L2861-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 06 00:12:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	386325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183313	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	110755	40.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.96%			
7) Chloroethane-d5	1.55	69	73973	37.45	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.90%			
11) 1,1-Dichloroethene-d2	2.11	63	148131	30.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.08%			
21) 2-Butanone-d5	3.90	46	166434	95.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.13%			
24) Chloroform-d	4.37	84	218454	42.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.08%			
26) 1,2-Dichloroethane-d4	5.05	65	154681	44.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.96%			
32) Benzene-d6	5.07	84	442614	45.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.12%			
36) 1,2-Dichloropropane-d6	6.09	67	138111	45.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.26%			
41) Toluene-d8	7.34	98	399051	45.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.46%			
43) trans-1,3-Dichloropropene-	7.64	79	61365	41.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.20%			
47) 2-Hexanone-d5	8.11	63	129948	100.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.25%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185131	45.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	168983	49.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.10%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1465	0.657	ug/L #	21
12) 1,1-Dichloroethene	2.11	96	1532	0.714	ug/L #	1
13) Acetone	2.17	43	5506	3.367	ug/L	92
29) Cyclohexane	4.69	56	3387	0.787	ug/L #	18
33) Benzene	5.12	78	86168	8.079	ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4191	1.034	ug/L	91
42) Toluene	7.41	91	72164	6.385	ug/L	96
52) Ethylbenzene	9.04	91	81872	6.656	ug/L	99
53) m,p-Xylene	9.16	106	8683	1.872	ug/L	93
54) o-xylene	9.57	106	5674	1.263	ug/L	100
69) Naphthalene	13.53	128	35155	3.238	ug/L	98

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

Quantitation Report (Not Reviewed)

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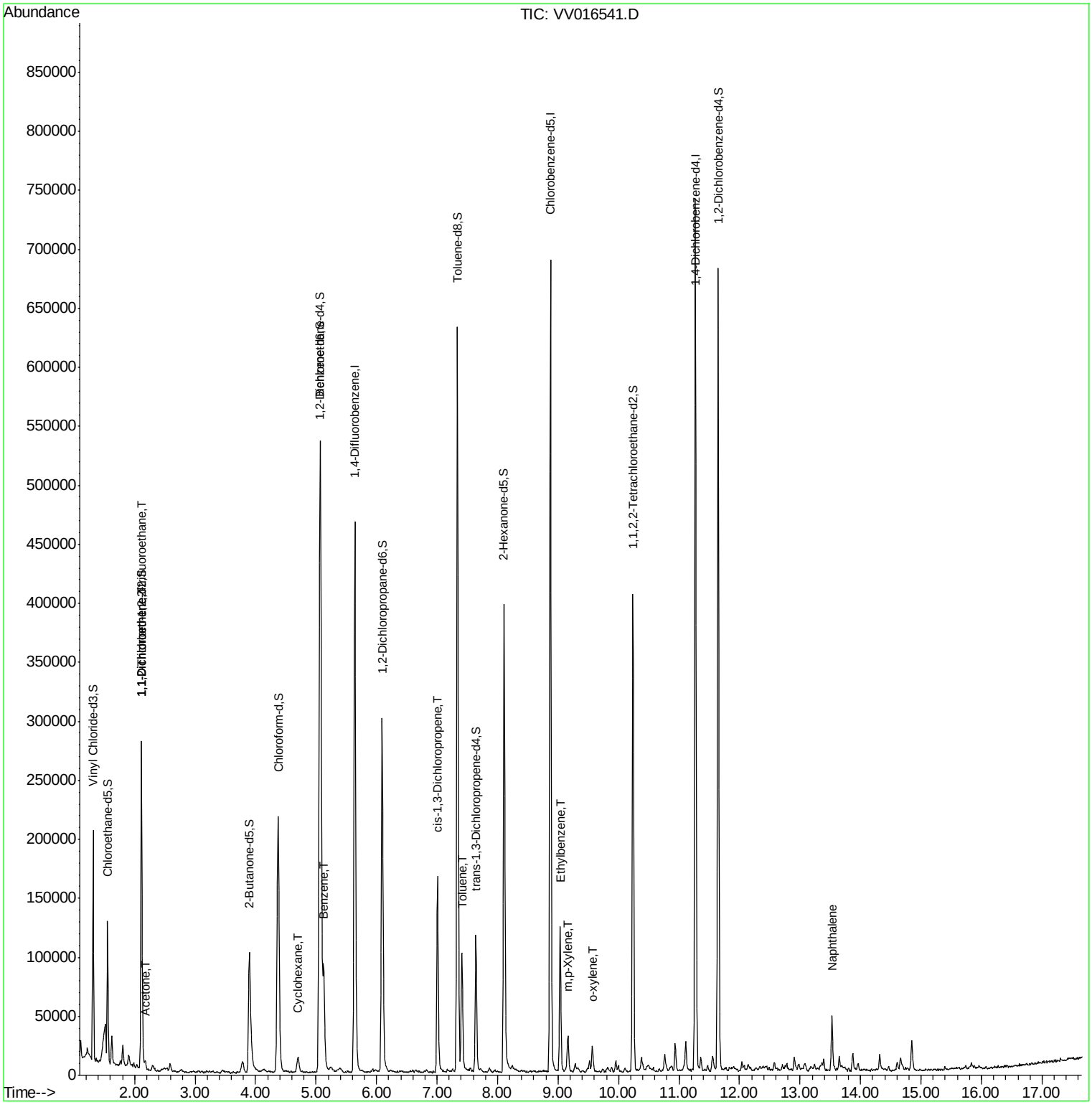
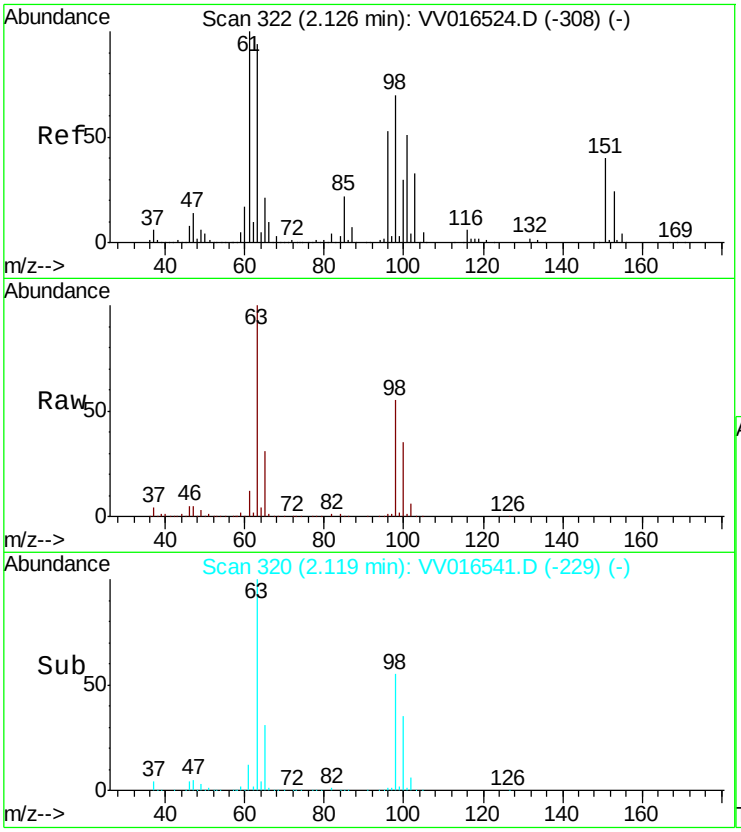
Acq On : 05 Jun 2020 17:17
Operator : SY/MD
Sample : L2861-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 06 00:12:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration



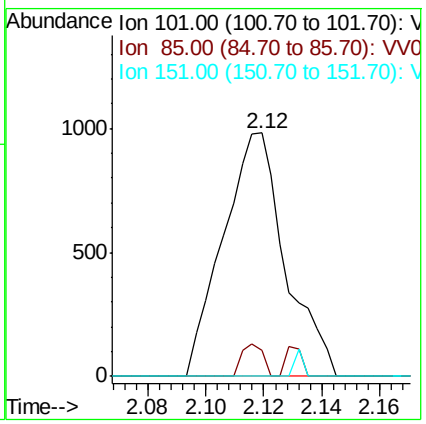


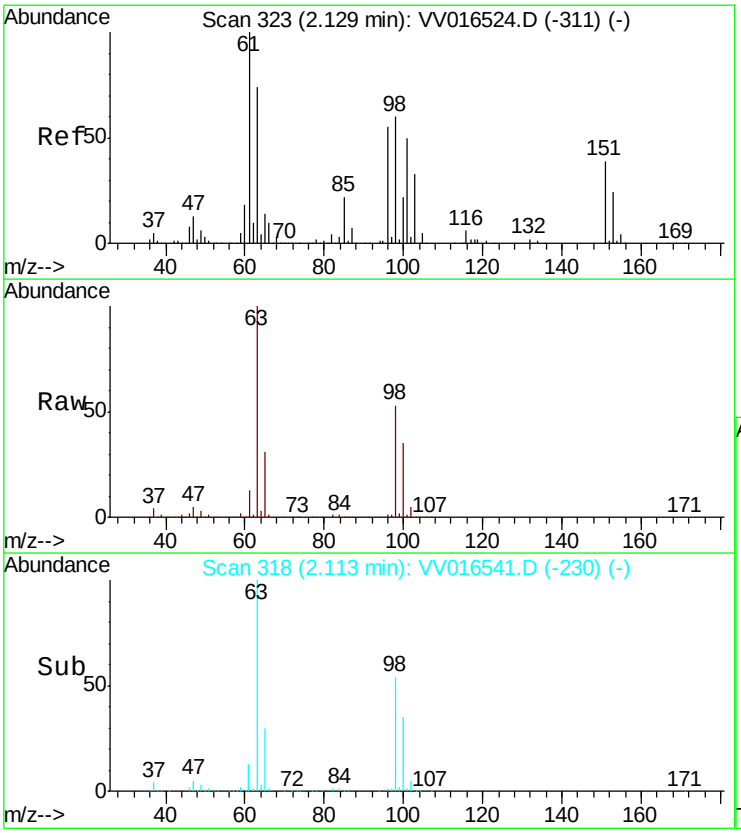
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.657 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1465

Ion	Ratio	Lower	Upper
101	100		
85	4.5	35.6	53.4#
151	0.0	61.8	92.8#

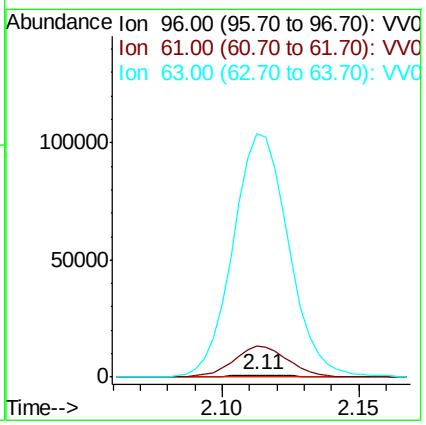


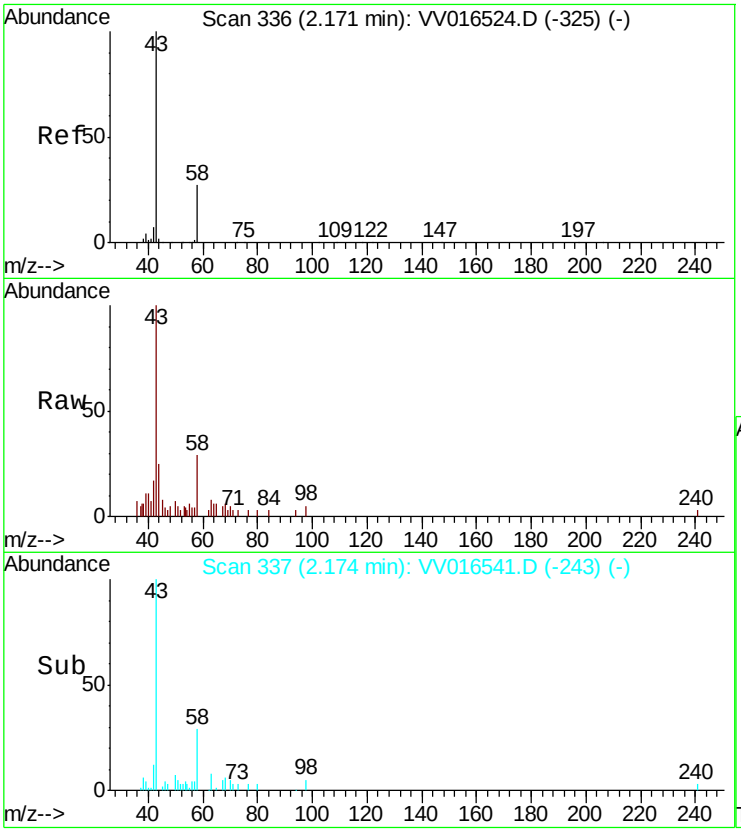


#12
1,1-Dichloroethene
Concen: 0.714 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.02 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion: 96 Resp: 1532

Ion	Ratio	Lower	Upper
96	100		
61	1338.5	125.5	233.1#
63	10587.4	104.0	193.1#



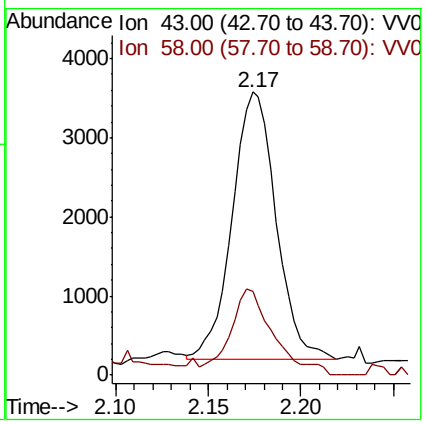


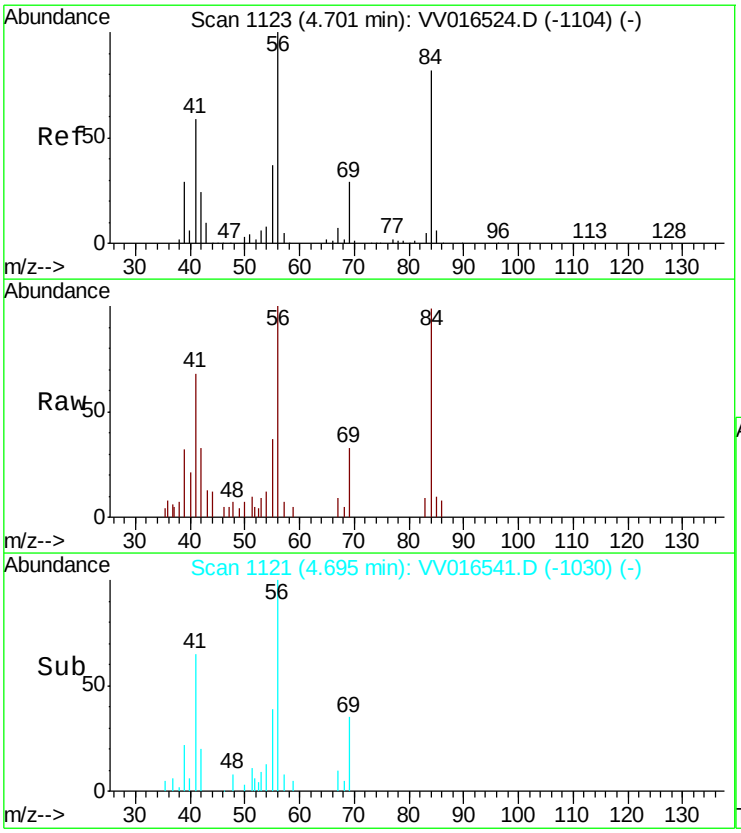
#13
Acetone
Concen: 3.367 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5506

Ion	Ratio	Lower	Upper
43	100		
58	24.2	0.0	57.2

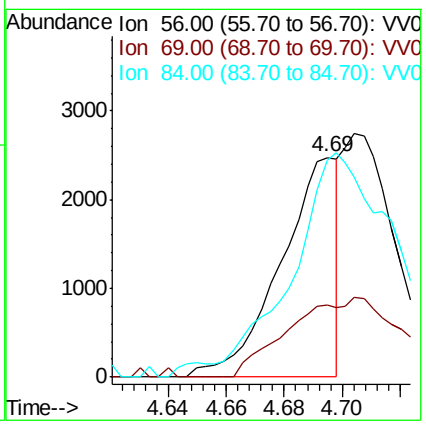


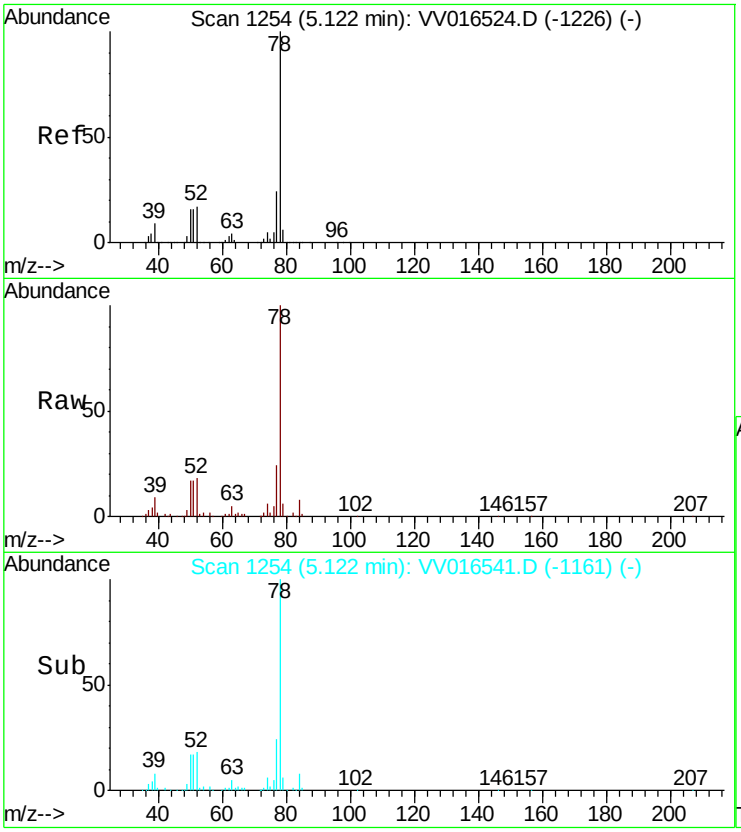


#29
Cyclohexane
Concen: 0.787 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion: 56 Resp: 3387

Ion	Ratio	Lower	Upper
56	100		
69	33.4	23.9	35.9
84	184.4	68.2	102.2#

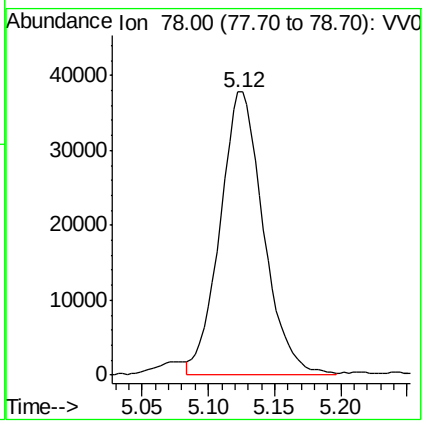


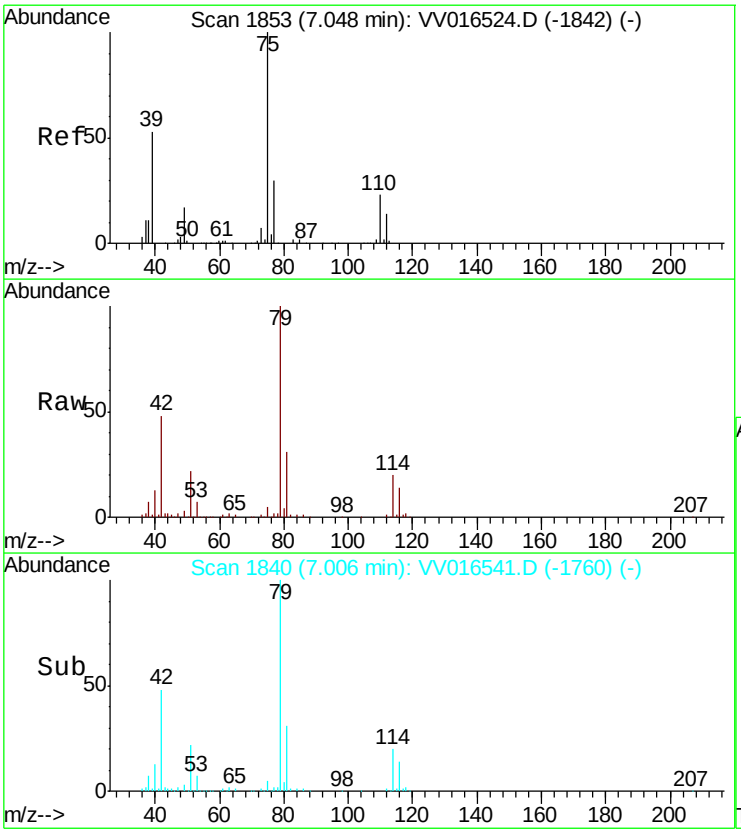


#33
Benzene
Concen: 8.079 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 86168

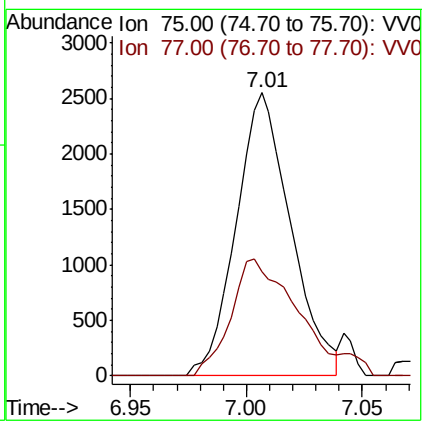


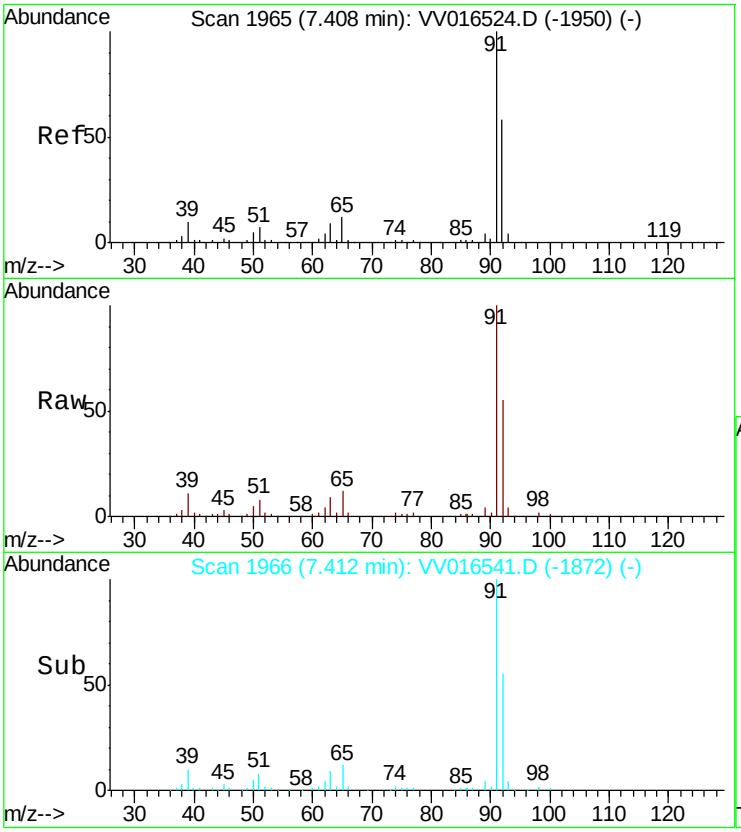


#39
cis-1,3-Dichloropropene
Concen: 1.034 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion: 75 Resp: 4191

Ion	Ratio	Lower	Upper
75	100		
77	36.7	22.0	41.0



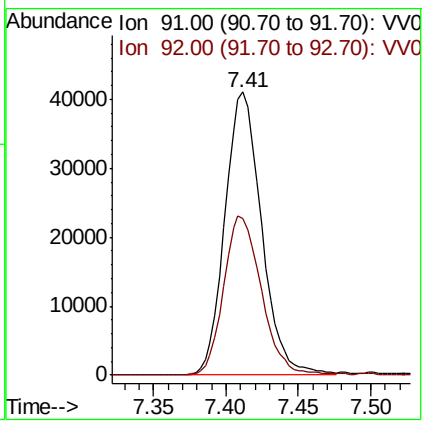


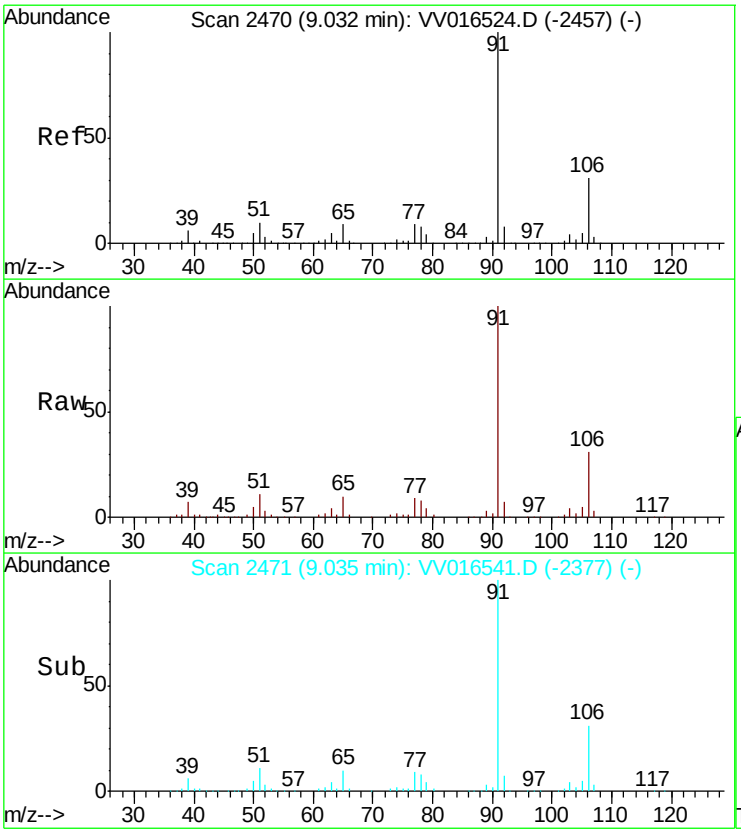
#42
Toluene
Concen: 6.385 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 72164

Ion	Ratio	Lower	Upper
91	100		
92	55.3	40.9	75.9

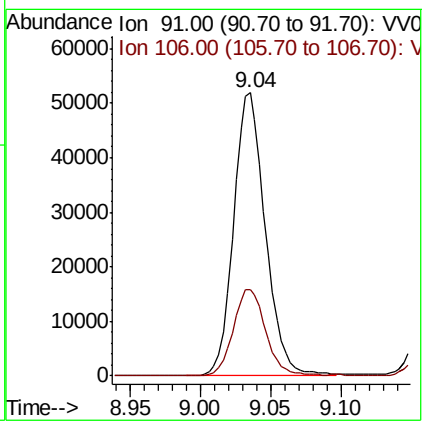


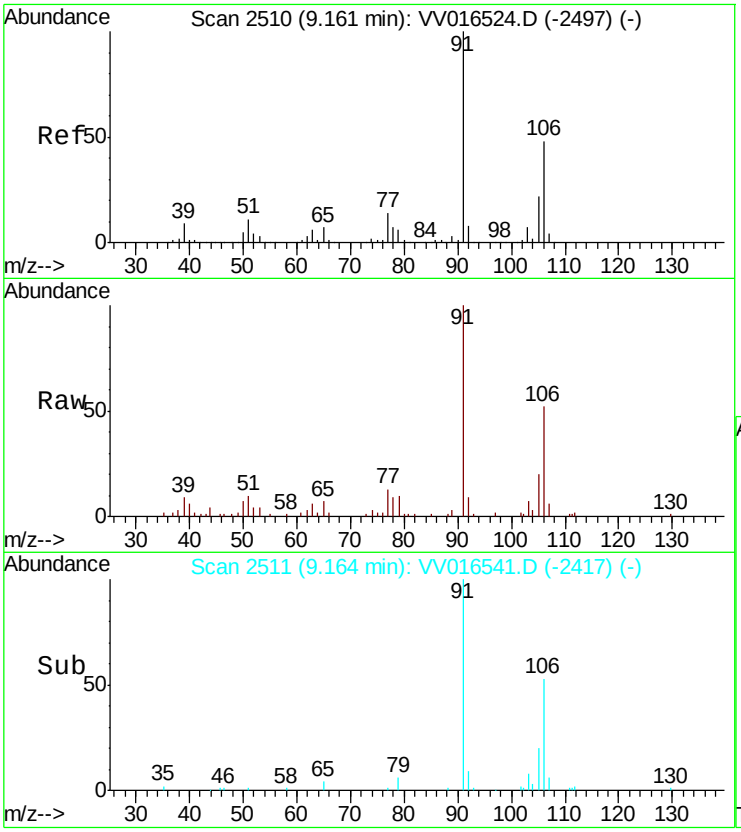


#52
Ethylbenzene
Concen: 6.656 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion: 91 Resp: 81872

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.8	40.4



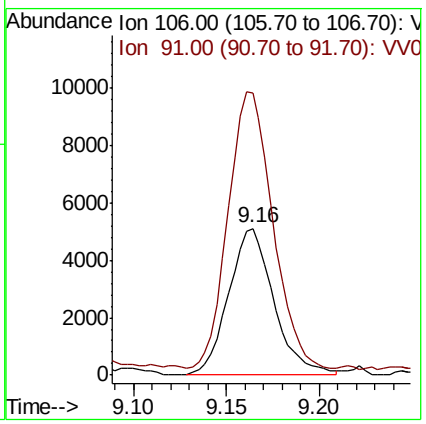


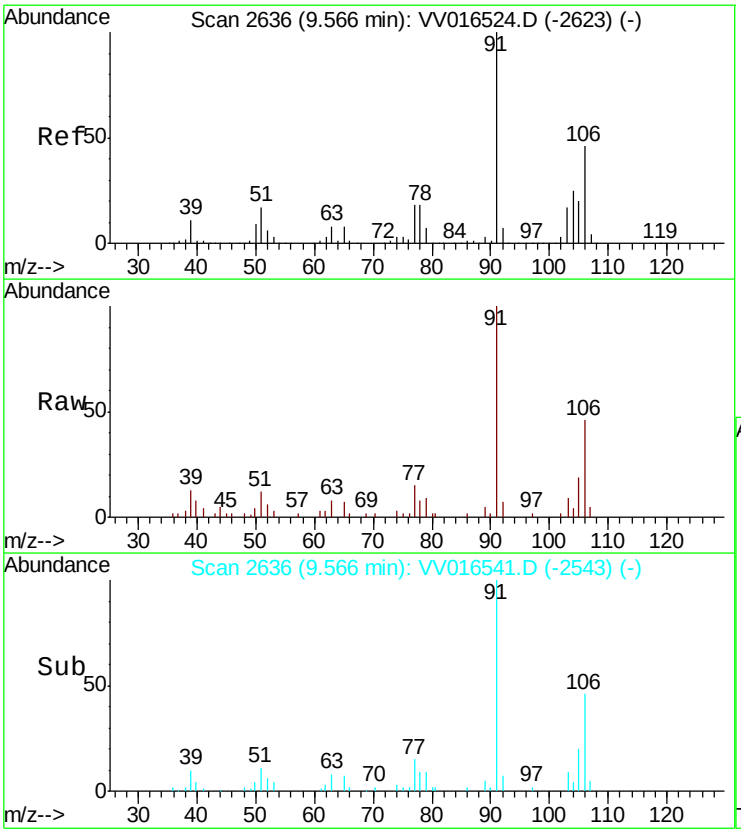
#53
m,p-Xylene
Concen: 1.872 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 8683

Ion	Ratio	Lower	Upper
106	100		
91	192.8	142.5	264.6

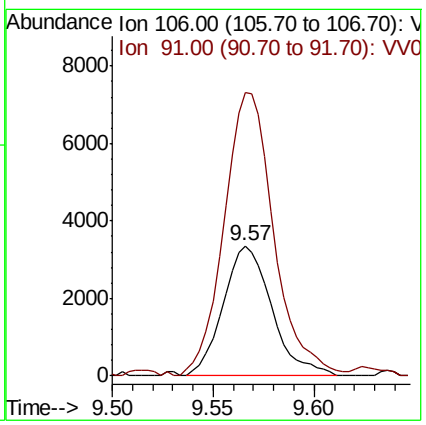


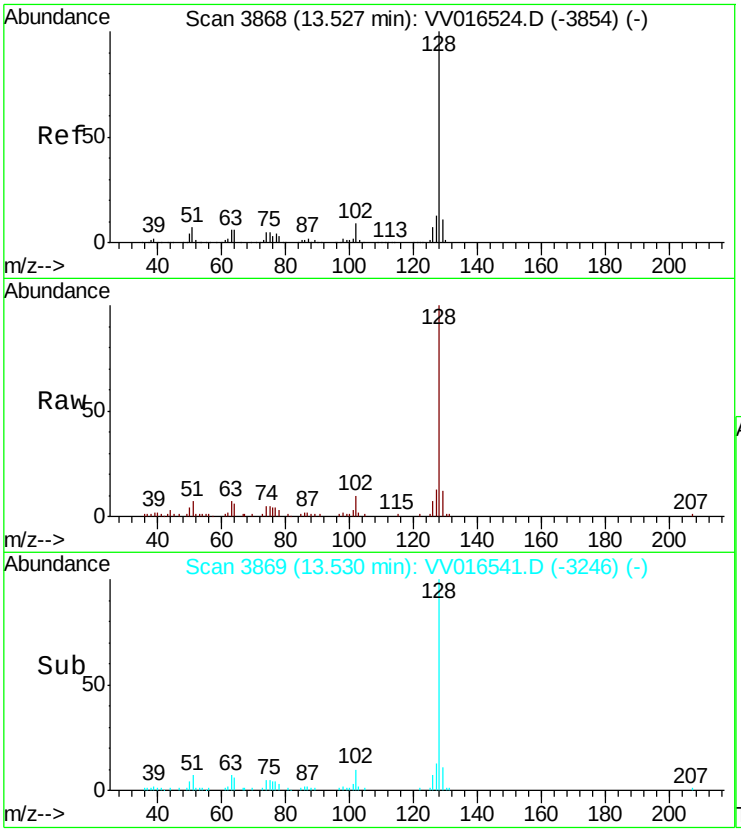


#54
o-xylene
Concen: 1.263 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Tgt Ion:106 Resp: 5674

Ion	Ratio	Lower	Upper
106	100		
91	217.5	152.5	283.1





#69
Naphthalene
Concen: 3.238 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016541.D
Acq: 05 Jun 2020 17:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 35155

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.8	8.7	13.1