Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017308.D
Acq On : 02 Jul 2020 14:11
Operator : SY/MD
Sample : L3154-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274

Quant Time: Jul 03 05:03:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170128	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93213	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45320	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.58	69	36788	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.13	63	64545	3.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.40%			
20) 2-Butanone-d5	3.91	46	91701	33.61	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 67.22%			
24) Chloroform-d	4.38	84	102233	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.06	65	55993	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.08	84	184358	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
36) 1,2-Dichloropropane-d6	6.09	67	56362	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.34	98	162275	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
45) trans-1,3-Dichloropropene-	7.64	79	21849	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
48) 2-Hexanone-d5	8.11	63	78614	37.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.98%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39953	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	73036	4.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.35	85	15032	1.056	ug/L	97
5) Vinyl chloride	1.32	62	461633	39.445	ug/L	99
8) Chloroethane	1.60	64	56795	8.781	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1124	0.119	ug/L #	76
14) Carbon disulfide	2.32	76	33443	1.304	ug/L	98
16) Methylene chloride	2.53	84	3275	0.357	ug/L	85
18) trans-1,2-Dichloroethene	2.78	96	193843	21.371	ug/L	96
19) 1,1-Dichloroethane	3.22	63	142633	6.999	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	326082	26.289	ug/L	98
30) Cyclohexane	4.71	56	27866	1.437	ug/L	89
33) Benzene	5.13	78	311980	7.002	ug/L	100
34) Trichloroethene	5.94	95	13635	1.045	ug/L	99
35) Methylcyclohexane	6.16	83	34472	1.700	ug/L	94
42) Toluene	7.41	91	4322930	83.457	ug/L	97
53) Chlorobenzene	8.90	112	32705	1.013	ug/L	99
54) Ethylbenzene	9.03	91	2158447	39.037	ug/L	99
55) m,p-xylene	9.16	106	1194924	55.102	ug/L	96

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017308.D
Acq On : 02 Jul 2020 14:11
Operator : SY/MD
Sample : L3154-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274

Quant Time: Jul 03 05:03:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration

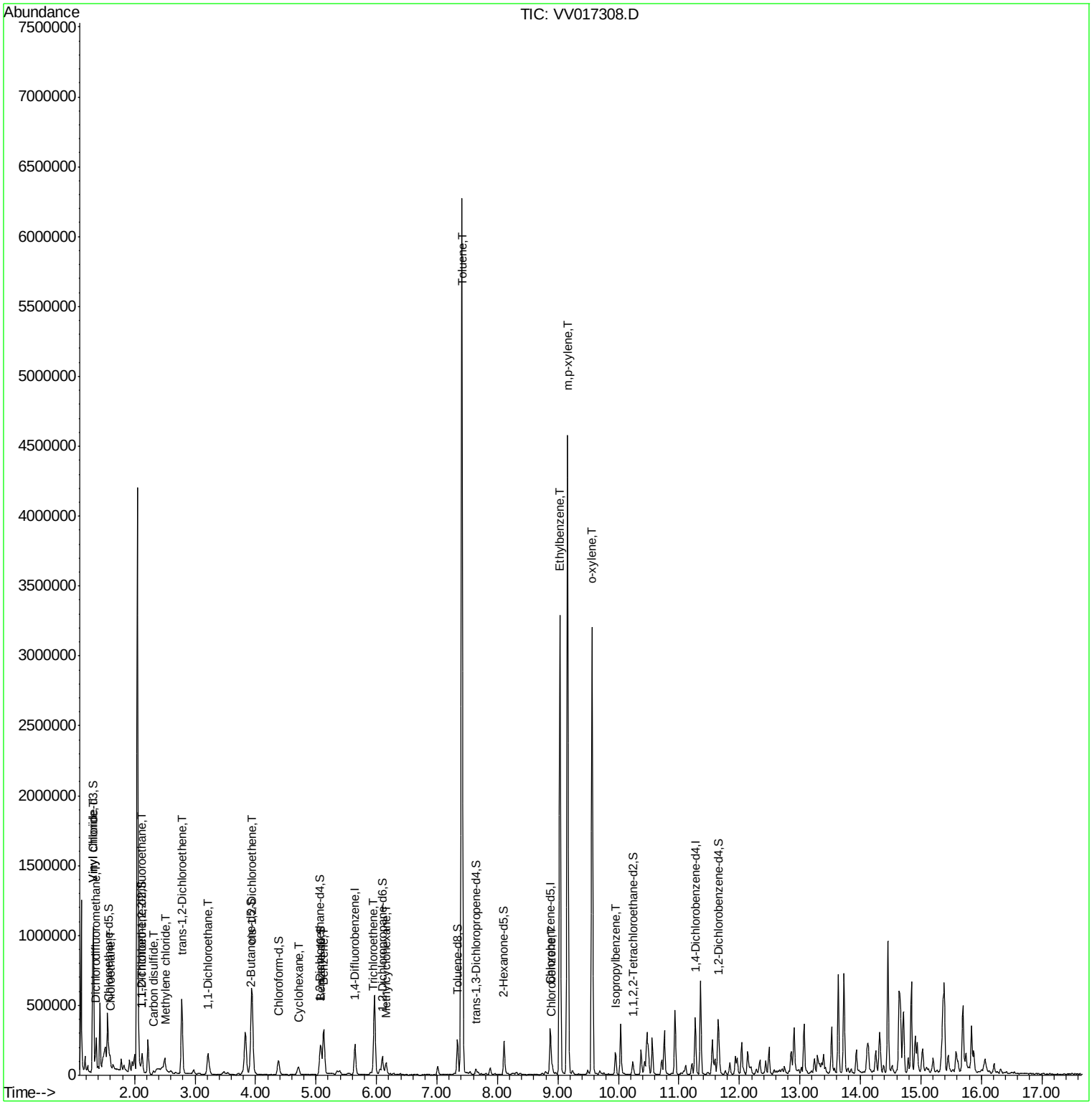
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) o-xylene	9.57	106	779135	38.501	ug/L	97
58) Isopropylbenzene	9.95	105	89775	1.612	ug/L	97

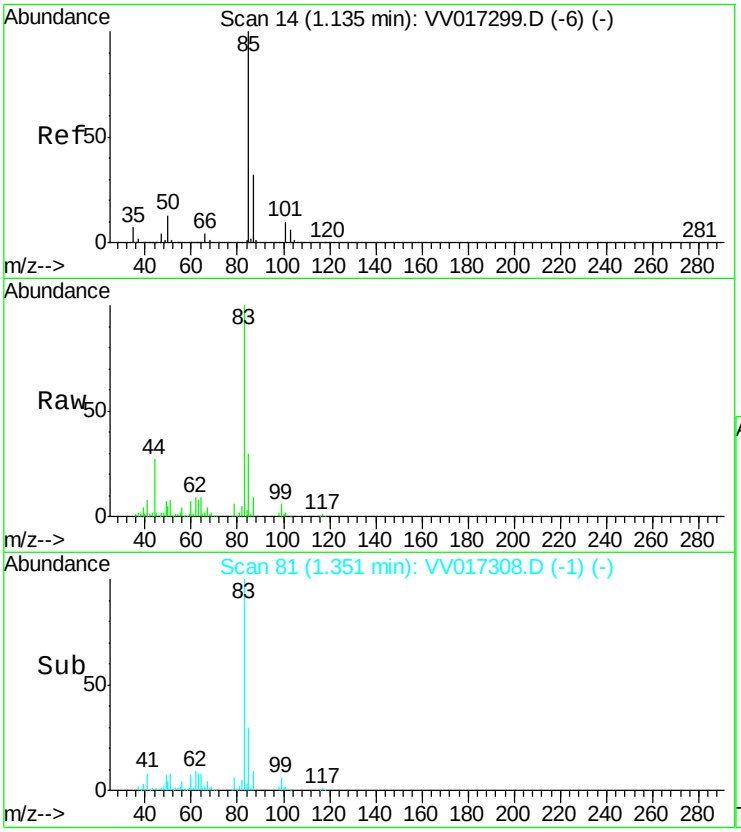
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017308.D
Acq On : 02 Jul 2020 14:11
Operator : SY/MD
Sample : L3154-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4274

Quant Time: Jul 03 05:03:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration



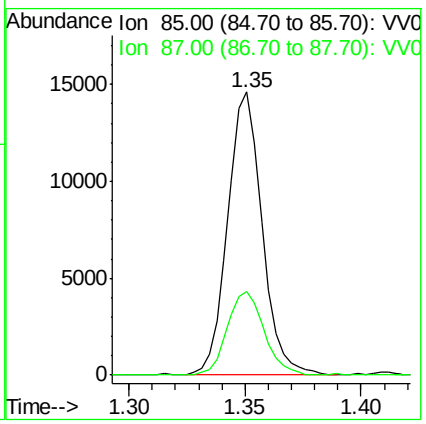


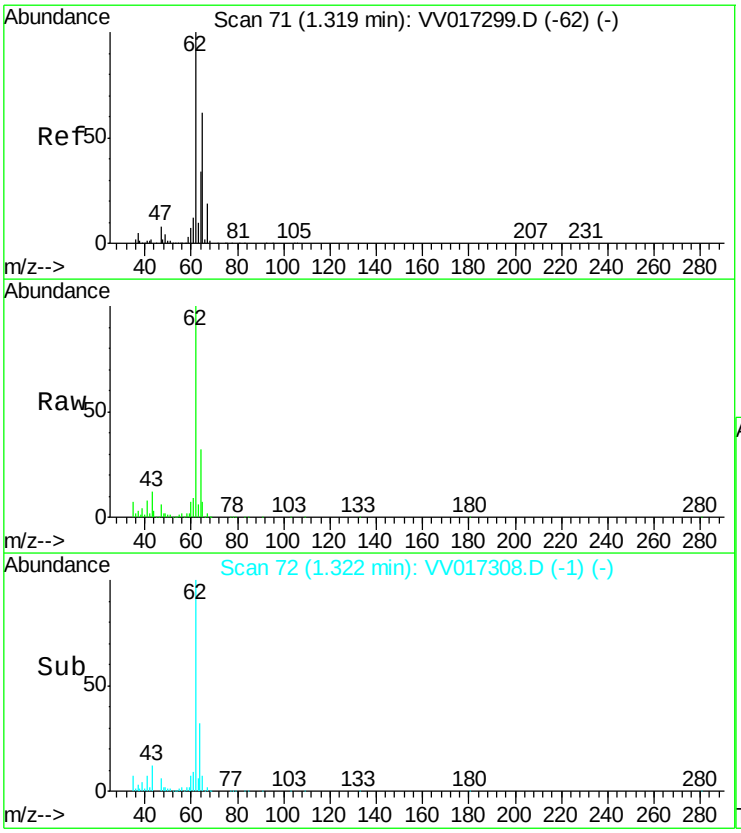
#2
Dichlorodifluoromethane
Concen: 1.056 ug/L
RT: 1.35 min Scan# 81
Delta R.T. 0.22 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument :
MSVOA_V
ClientSampleId :
H4274

Tgt Ion: 85 Resp: 15032

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.3	39.5

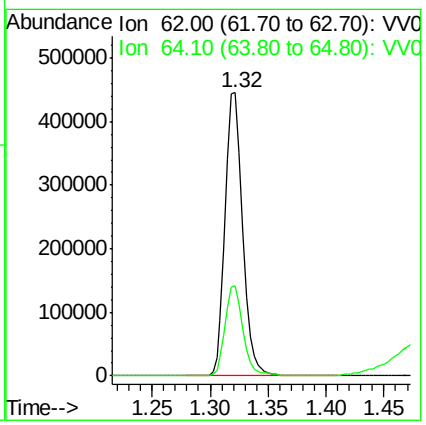


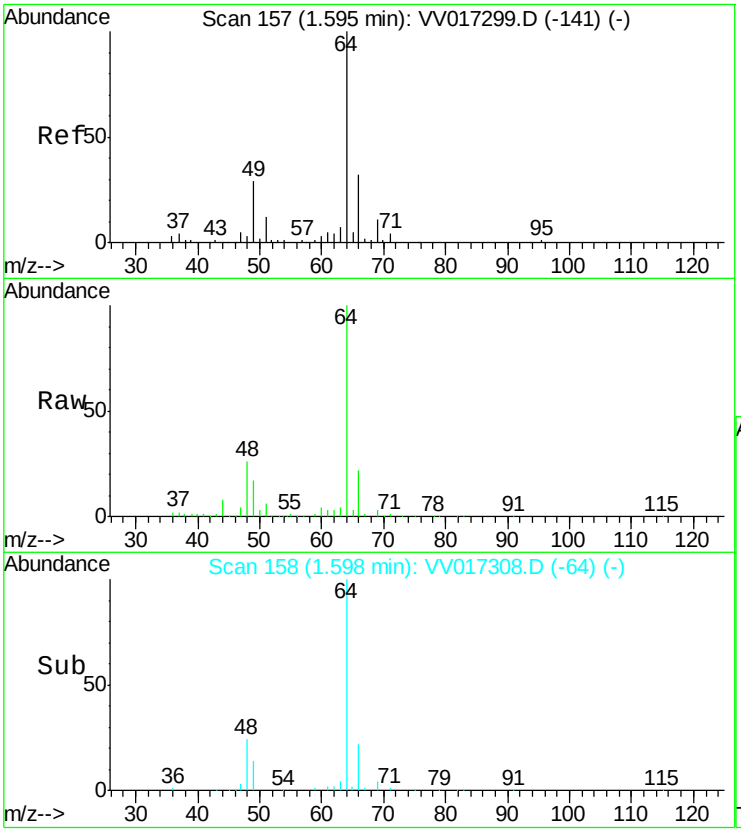


#5
Vinyl chloride
Concen: 39.445 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 62 Resp: 461633

Ion	Ratio	Lower	Upper
62	100		
64	31.7	22.5	41.7



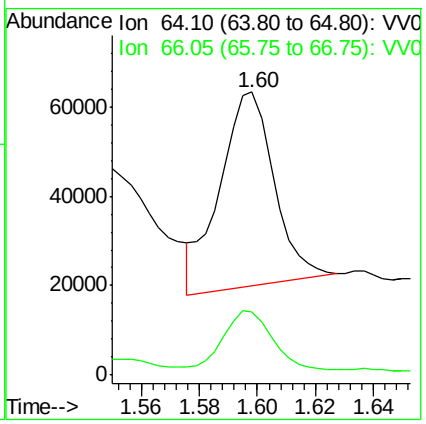


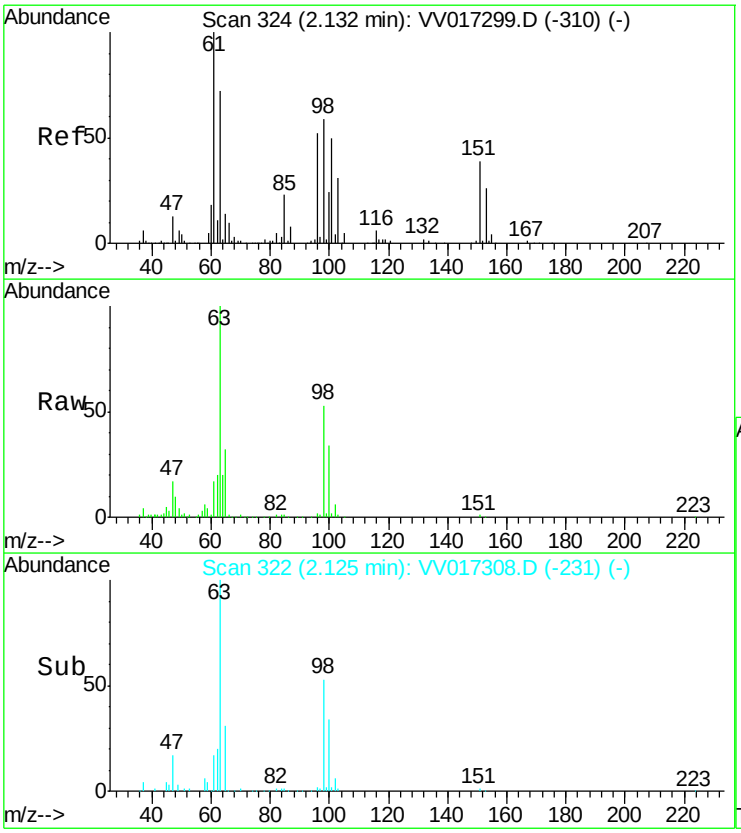
#8
Chloroethane
Concen: 8.781 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument : MSVOA_V
ClientSampleId : H4274

Tgt Ion: 64 Resp: 56795

Ion	Ratio	Lower	Upper
64	100		
66	22.2	22.8	42.4#

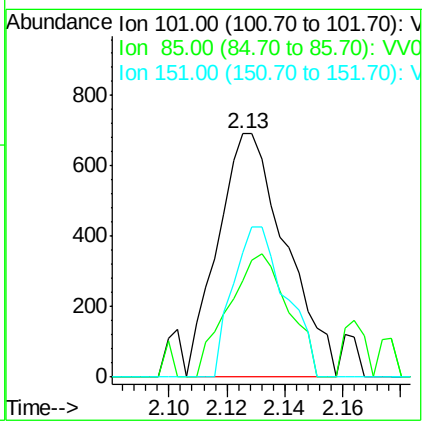


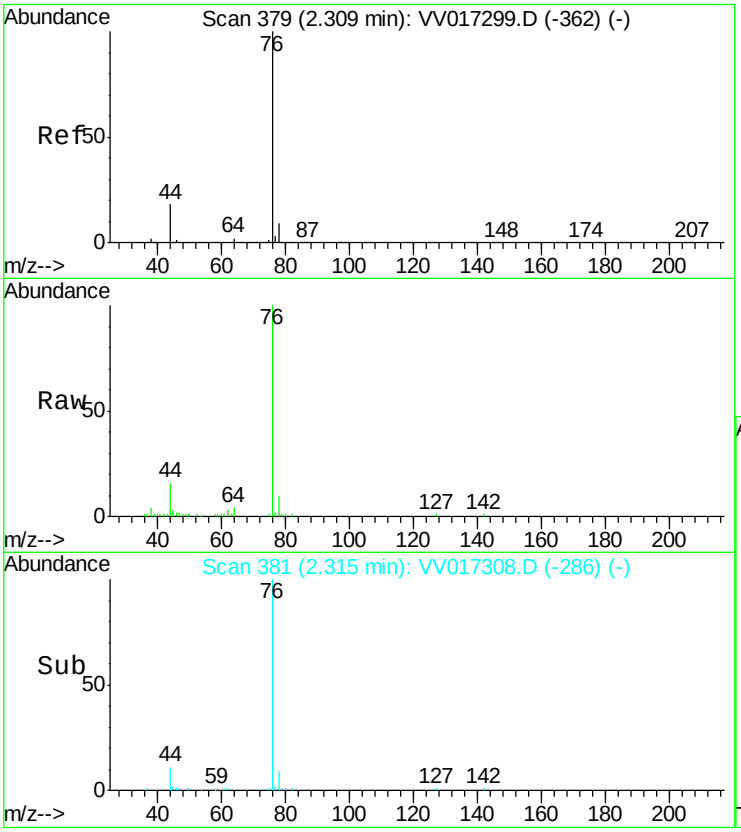


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.119 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion:101 Resp: 1124

Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.4	53.2
151	47.6	63.9	95.9#



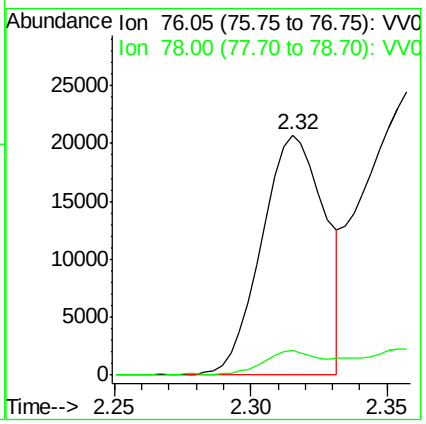


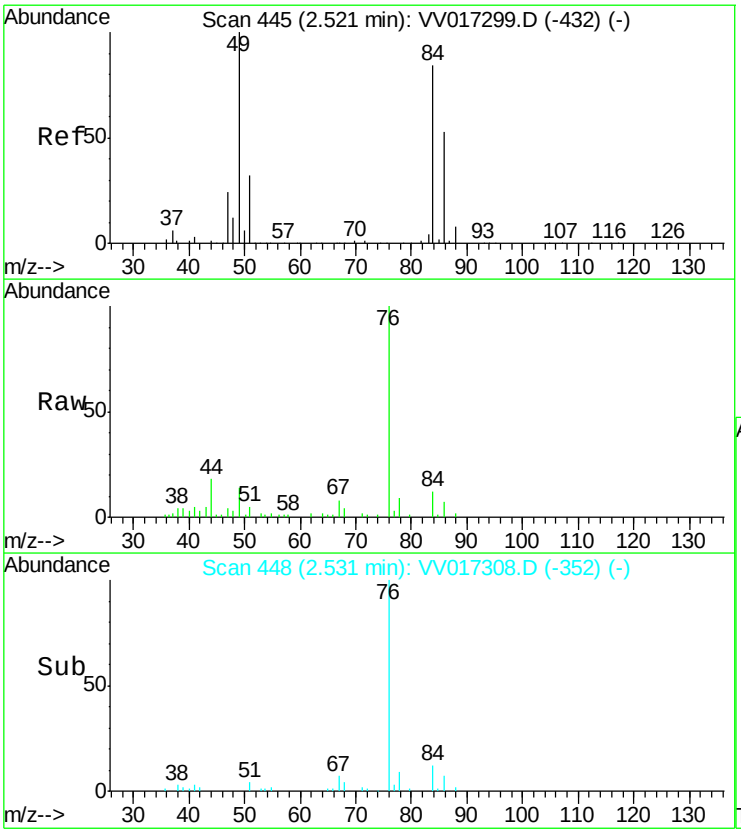
#14
Carbon disulfide
Concen: 1.304 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument : MSVOA_V
ClientSampleId : H4274

Tgt Ion: 76 Resp: 33443

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.7	11.5

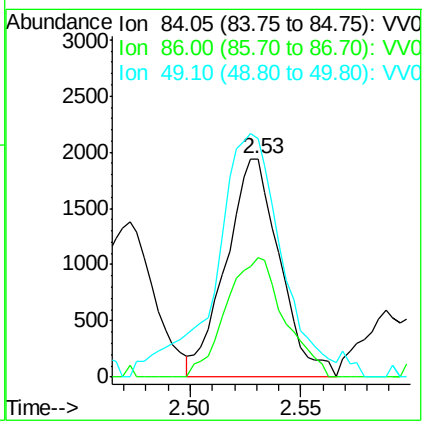


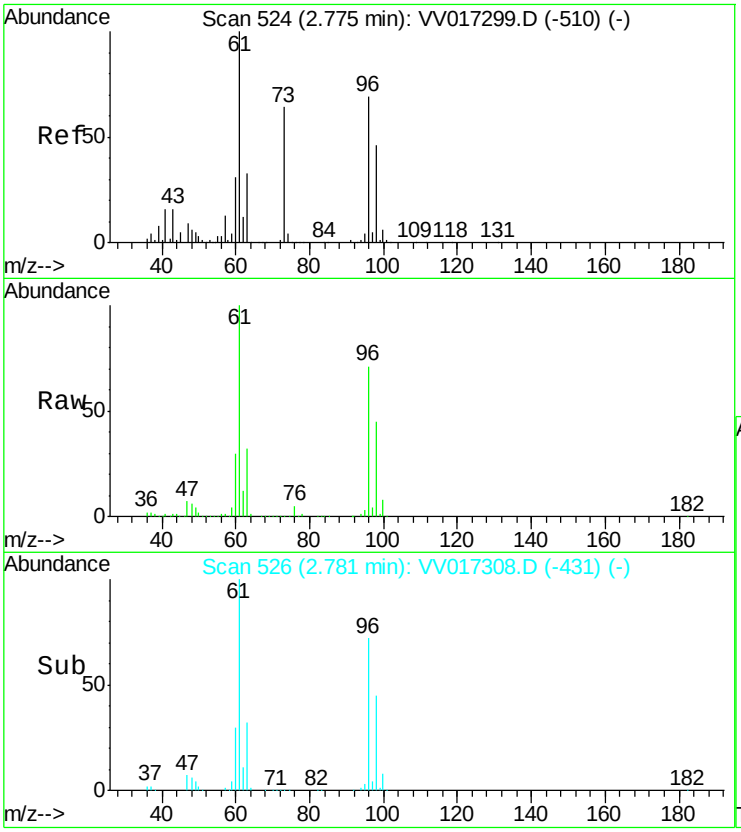


#16
Methylene chloride
Concen: 0.357 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 84 Resp: 3275

Ion	Ratio	Lower	Upper
84	100		
86	54.4	45.8	85.0
49	109.3	89.6	166.4



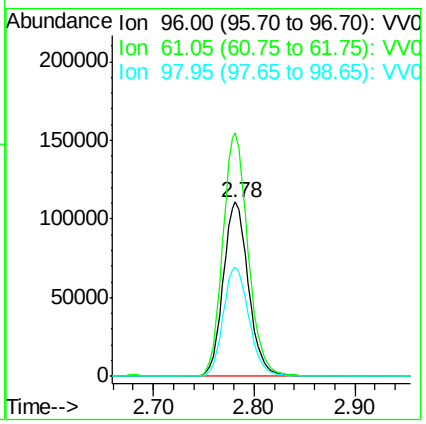


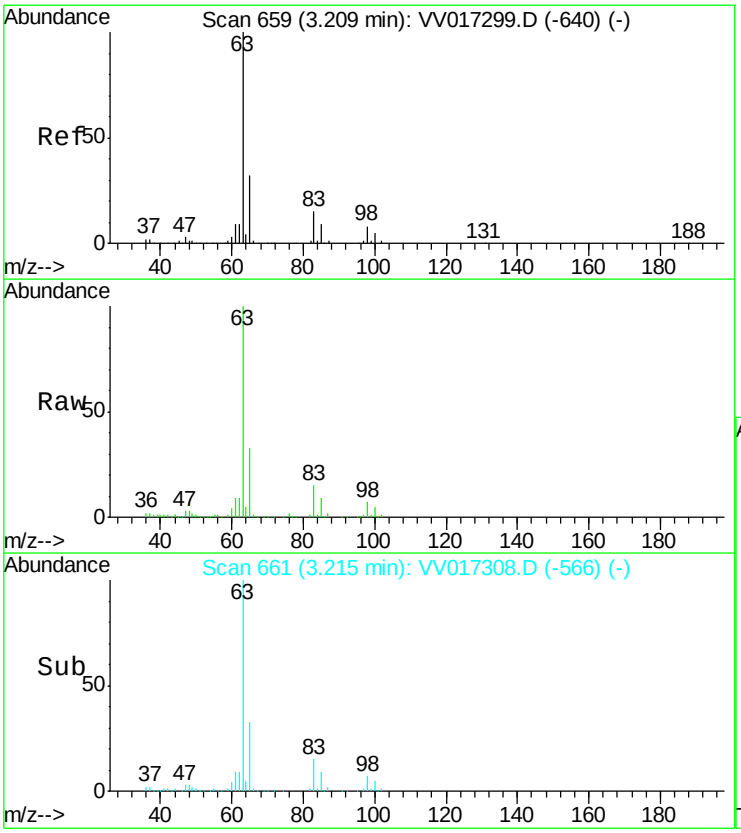
#18
trans-1,2-Dichloroethene
Concen: 21.371 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument :
MSVOA_V
ClientSampleId :
H4274

Tgt Ion: 96 Resp: 193843

Ion	Ratio	Lower	Upper
96	100		
61	140.0	102.3	189.9
98	62.8	44.7	82.9

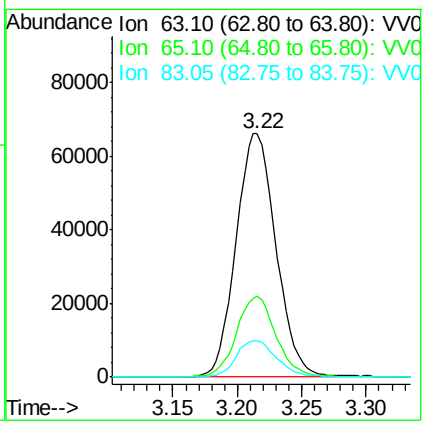


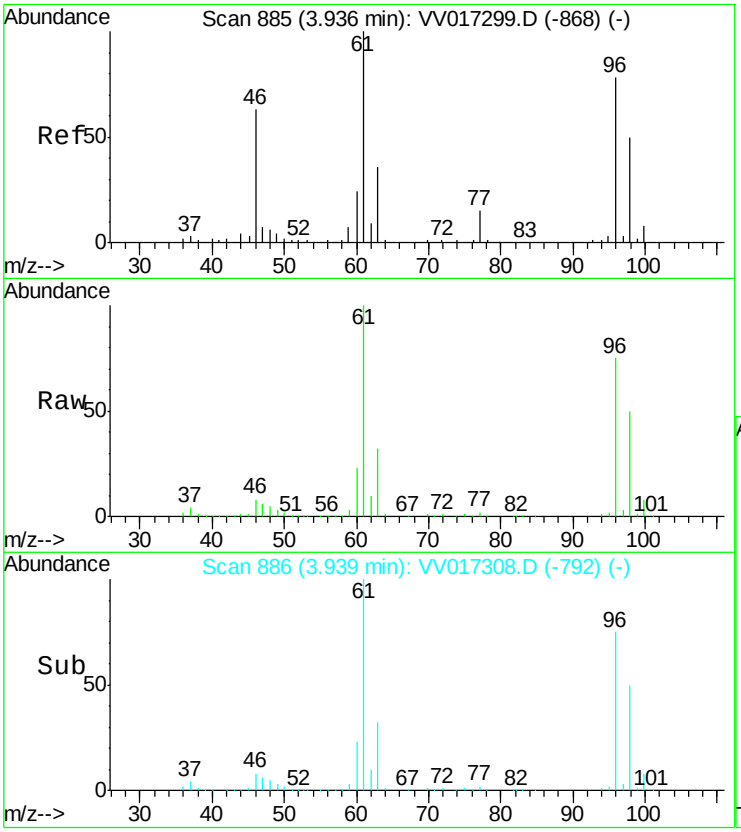


#19
1,1-Dichloroethane
Concen: 6.999 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 63 Resp: 142633

Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.8	40.4
83	15.0	9.7	17.9



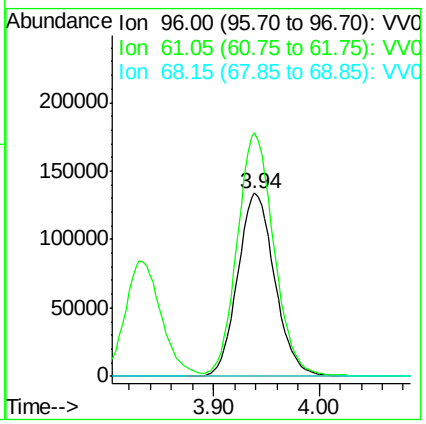


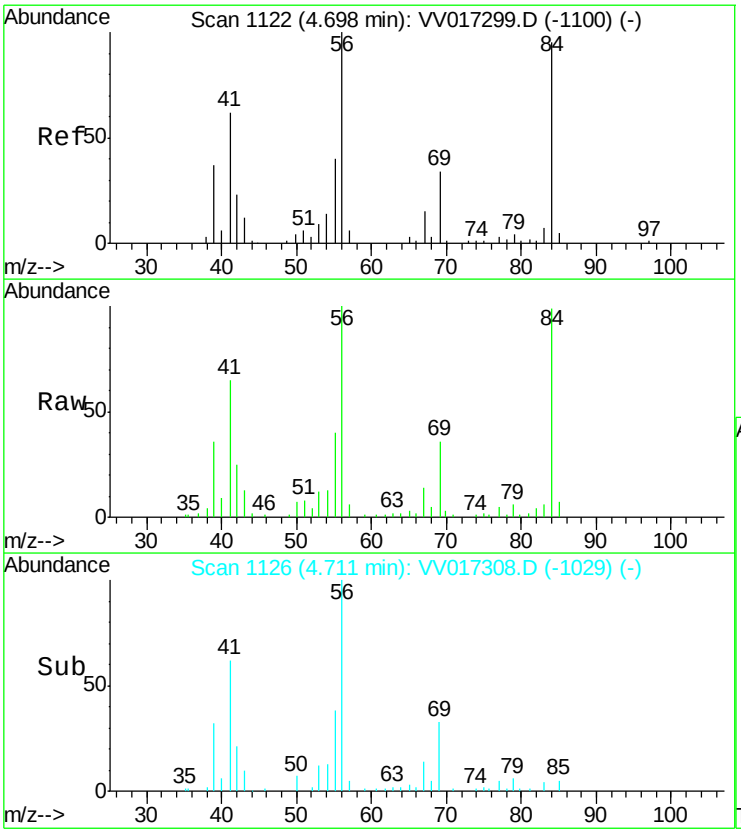
#22
cis-1,2-Dichloroethene
Concen: 26.289 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument :
MSVOA_V
ClientSampleId :
H4274

Tgt Ion: 96 Resp: 326082

Ion	Ratio	Lower	Upper
96	100		
61	132.8	91.0	169.0
68	0.0	0.0	0.0

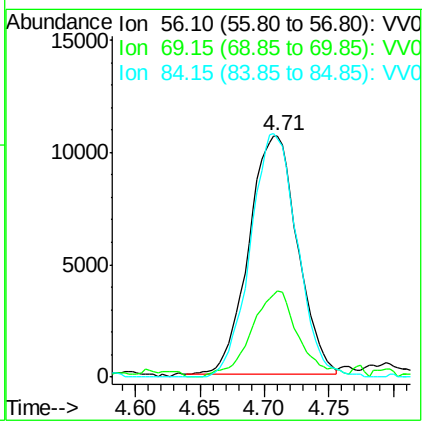


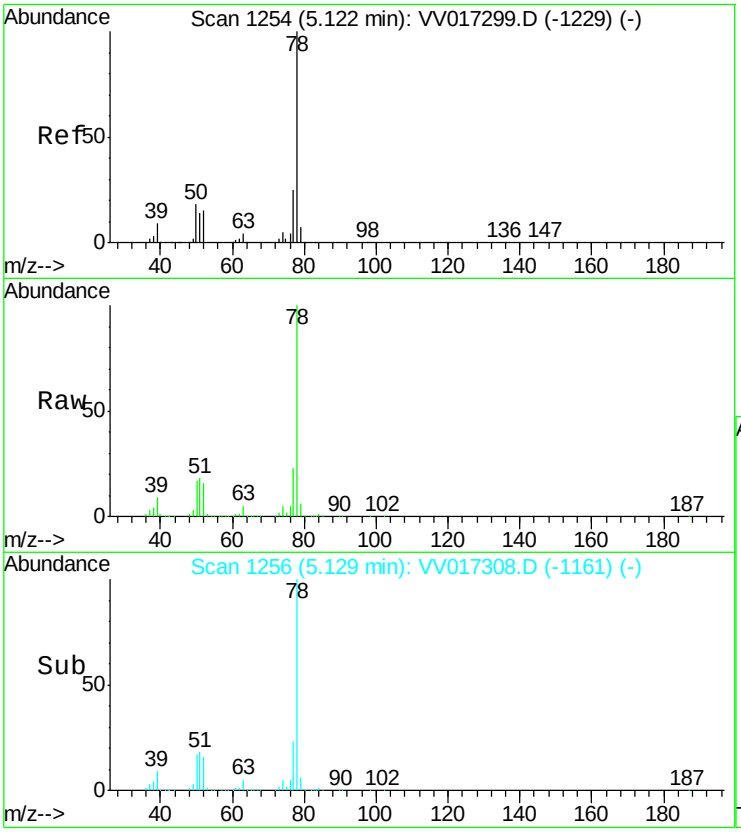


#30
Cyclohexane
Concen: 1.437 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 56 Resp: 27866

Ion	Ratio	Lower	Upper
56	100		
69	34.9	24.4	36.6
84	98.6	69.9	104.9

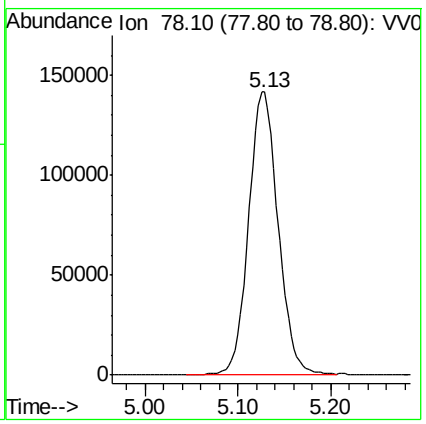


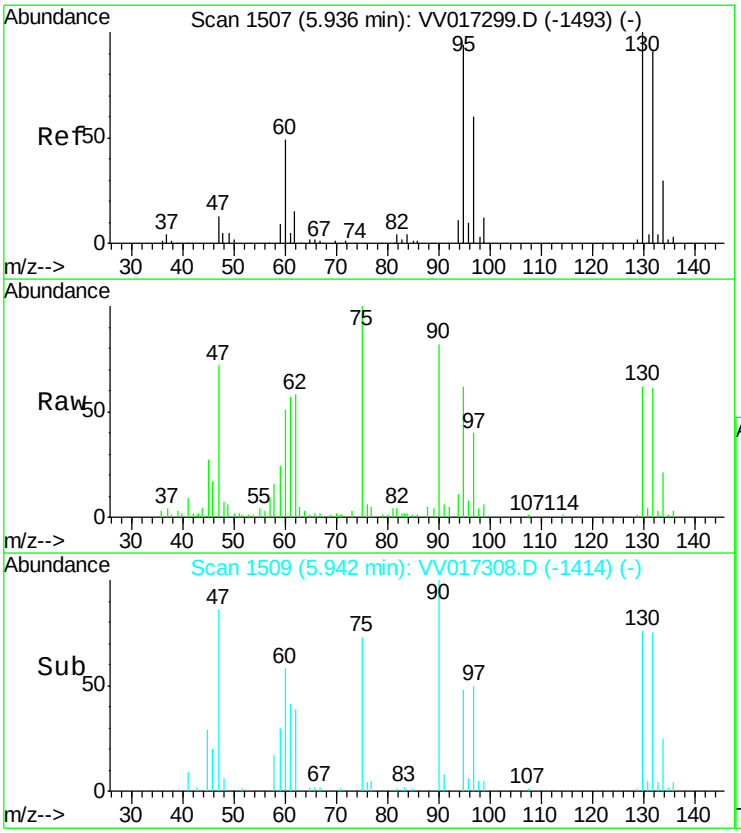


#33
Benzene
Concen: 7.002 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument :
MSVOA_V
ClientSampleId :
H4274

Tgt Ion: 78 Resp: 311980

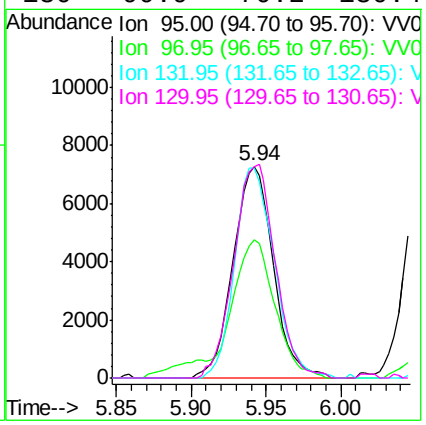


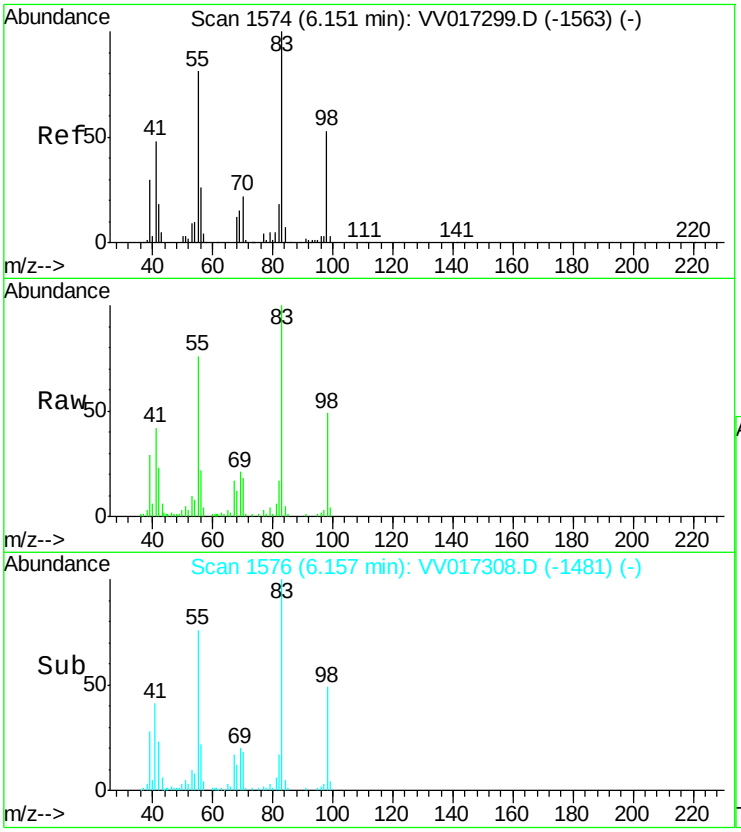


#34
Trichloroethene
Concen: 1.045 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 95 Resp: 13635

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.3	84.1
132	99.4	68.8	127.8
130	99.9	70.2	130.4



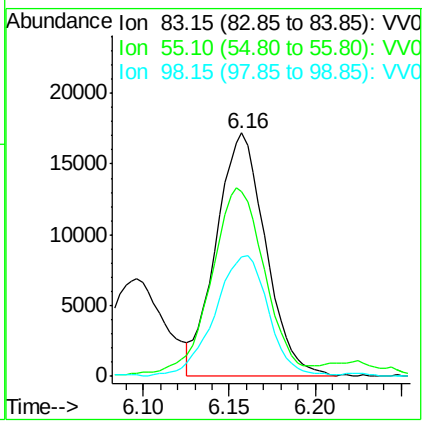


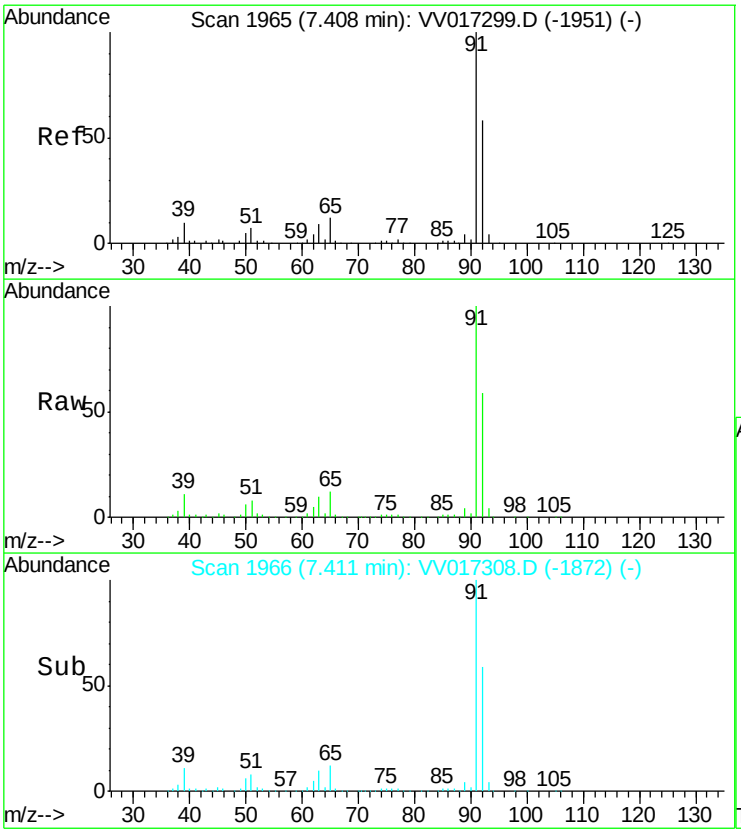
#35
Methylcyclohexane
Concen: 1.700 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument : MSVOA_V
ClientSampleId : H4274

Tgt Ion: 83 Resp: 34472

Ion	Ratio	Lower	Upper
83	100		
55	83.5	63.6	95.4
98	53.7	38.8	58.2

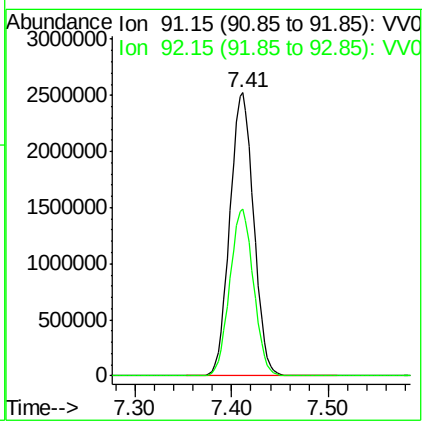


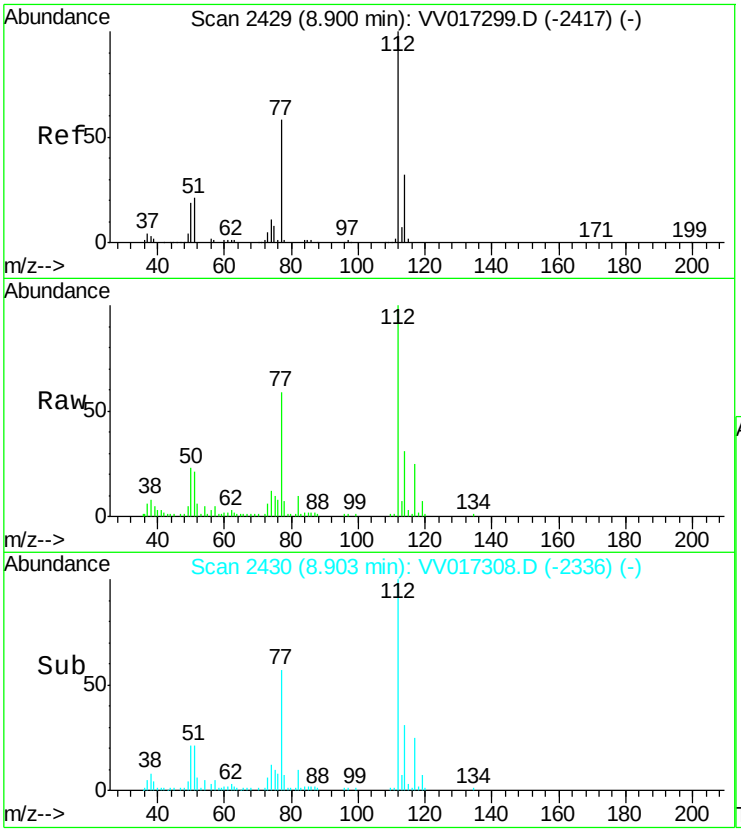


#42
Toluene
Concen: 83.457 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 91 Resp: 4322930

Ion	Ratio	Lower	Upper
91	100		
92	58.8	39.9	74.1



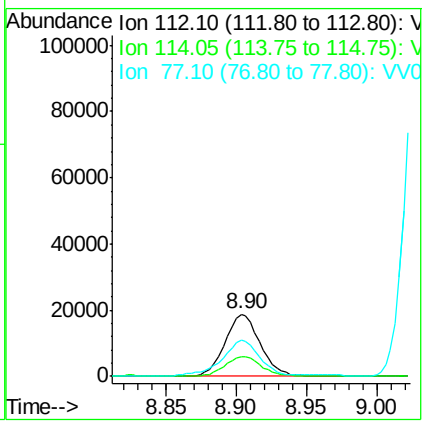


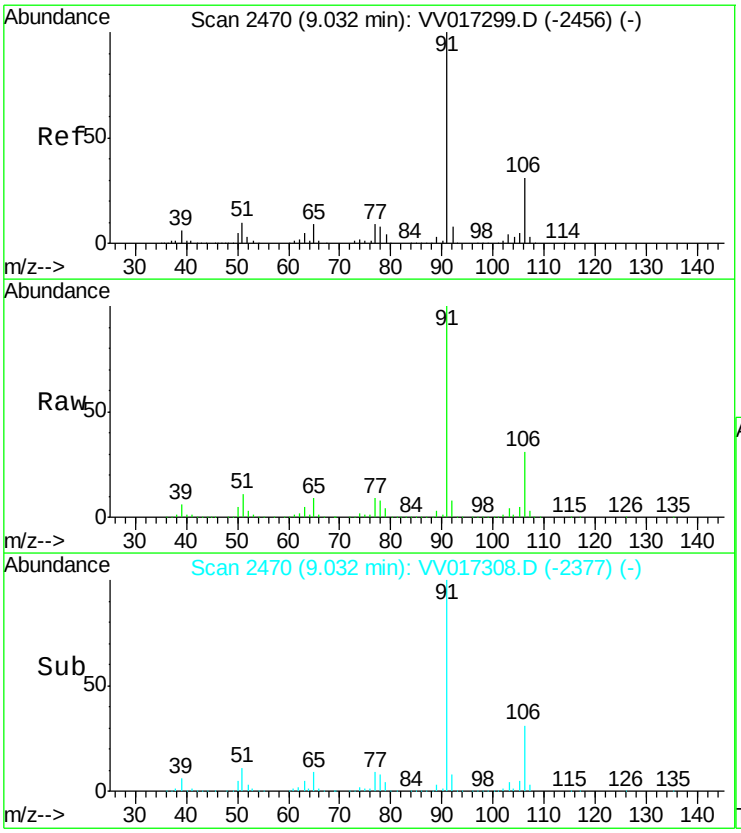
#53
Chlorobenzene
Concen: 1.013 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument : MSVOA_V
ClientSampleId : H4274

Tgt Ion:112 Resp: 32705

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	41.0
77	58.7	46.0	69.0

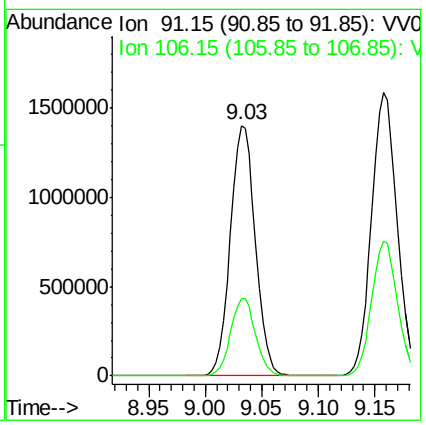


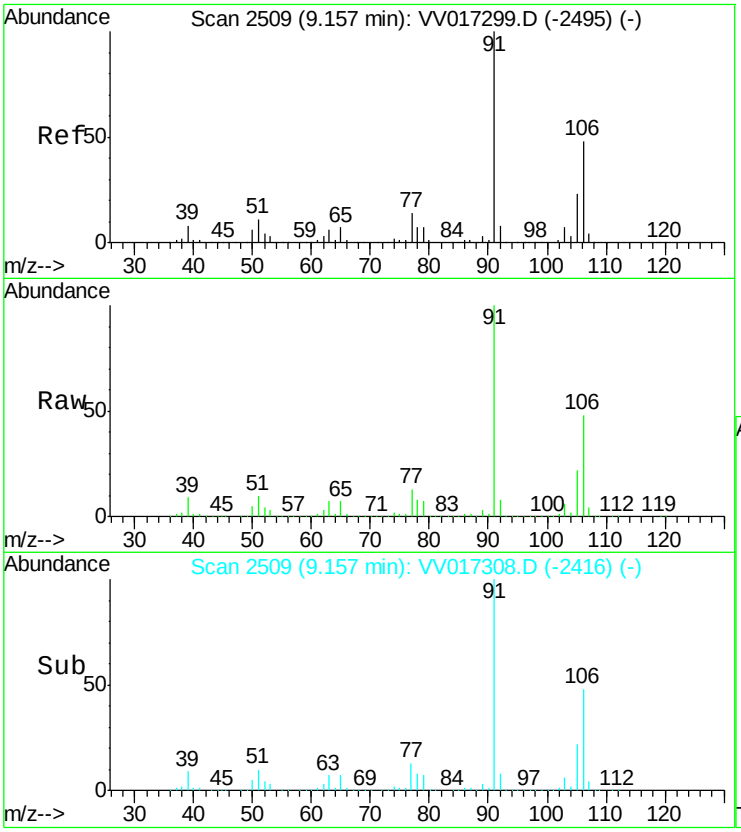


#54
Ethylbenzene
Concen: 39.037 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion: 91 Resp: 2158447

Ion	Ratio	Lower	Upper
91	100		
106	30.8	21.1	39.1



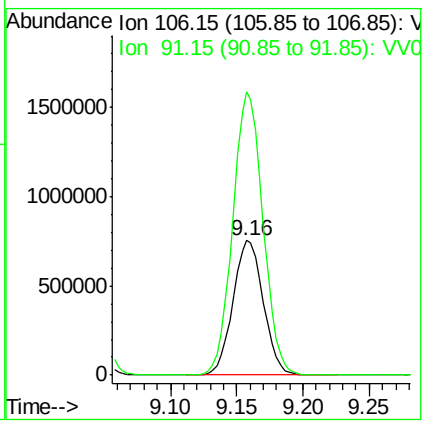


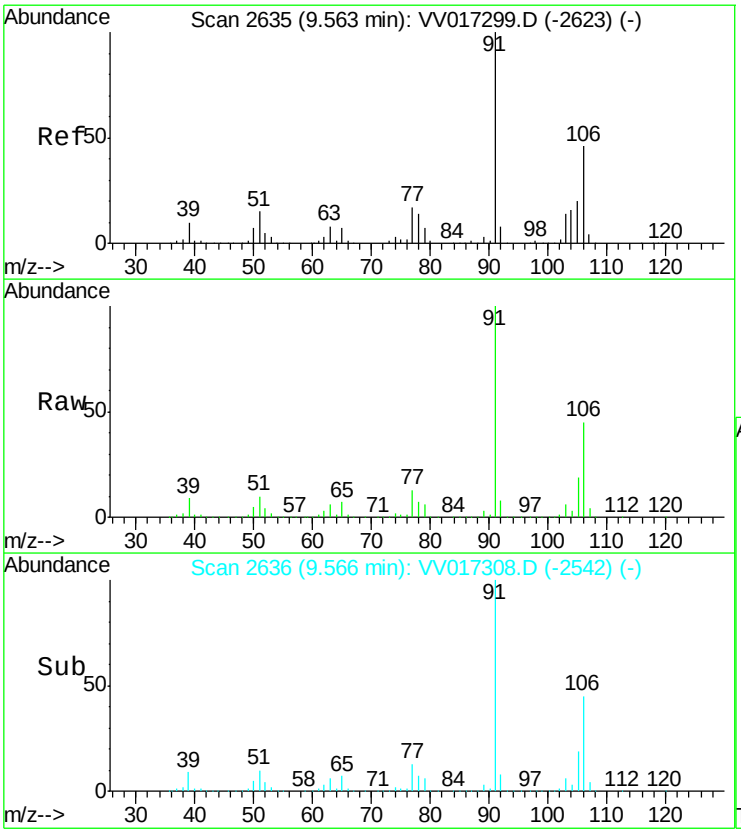
#55
m,p-xylene
Concen: 55.102 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Instrument : MSVOA_V
ClientSampleId : H4274

Tgt Ion:106 Resp: 1194924

Ion	Ratio	Lower	Upper
106	100		
91	210.0	142.7	264.9

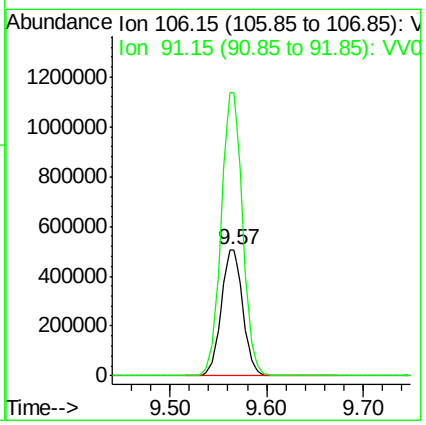


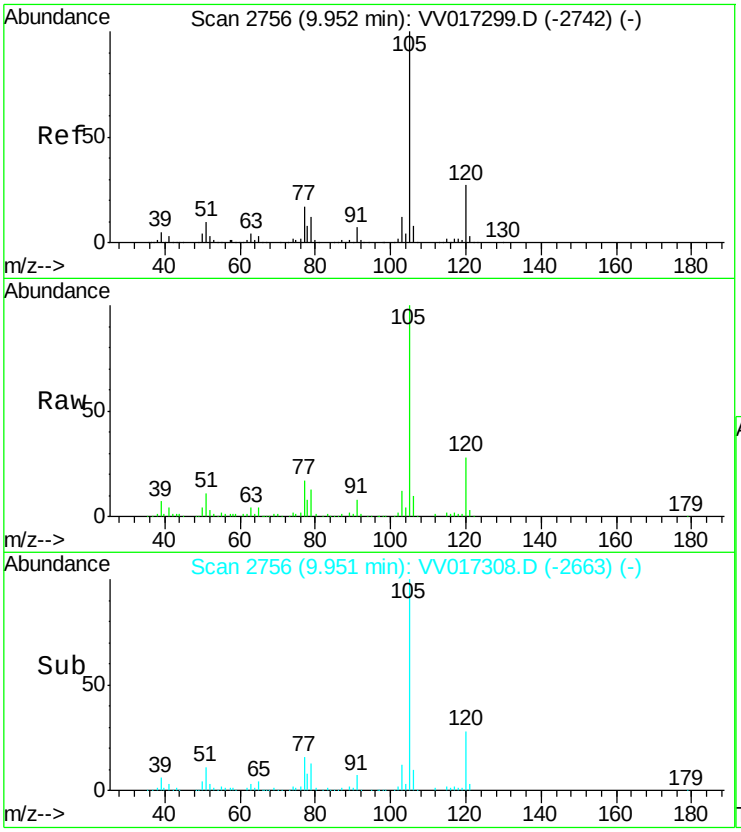


#56
o-xylene
Concen: 38.501 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion:106 Resp: 779135

Ion	Ratio	Lower	Upper
106	100		
91	223.6	153.6	285.2

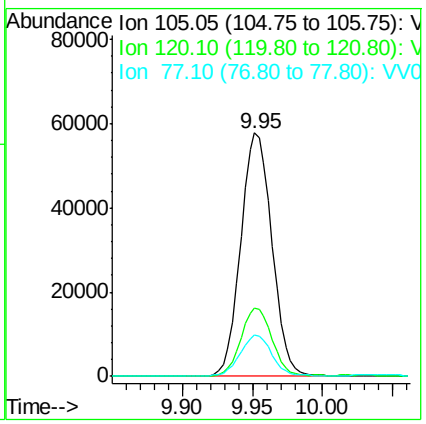




#58
Isopropylbenzene
Concen: 1.612 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017308.D
Acq: 02 Jul 2020 14:11

Tgt Ion:105 Resp: 89775

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.2	31.8
77	17.6	13.0	19.4



Instrument :
MSVOA_V
ClientSampleId :
H4274