Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017309.D
Acq On : 02 Jul 2020 14:32
Operator : SY/MD
Sample : L3154-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 03 01:17:54 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	5.65	114	183960	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173068	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	90188	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54970	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.58	69	39170	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.13	63	86619	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	3.92	46	101855	36.20	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.40%			
24) Chloroform-d	4.38	84	108399	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.06	65	57025	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.08	84	190503	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.10	67	58490	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.34	98	170036	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
45) trans-1,3-Dichloropropene-	7.65	79	21200	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
48) 2-Hexanone-d5	8.11	63	74123	34.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.50%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40659	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	75553	4.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	25308	2.034	ug/L #	49
5) Vinyl chloride	1.32	62	1887702	156.379	ug/L	99
8) Chloroethane	1.50	64	497379	74.556	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1642	0.169	ug/L #	71
12) 1,1-Dichloroethene	2.14	96	33050	3.743	ug/L	94
13) Acetone	2.20	43	4643	3.264	ug/L	61
14) Carbon disulfide	2.32	76	6097	0.230	ug/L #	93
15) Methyl Acetate	2.45	43	5376	1.546	ug/L #	55
16) Methylene chloride	2.53	84	1813	0.192	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	2949	0.133	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	521262	55.716	ug/L	98
19) 1,1-Dichloroethane	3.22	63	13791	0.656	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	2119722	165.683	ug/L	99
27) 1,2-Dichloroethane	5.16	62	2052	0.144	ug/L #	72
33) Benzene	5.13	78	65966	1.455	ug/L	100
34) Trichloroethene	5.94	95	485950	36.616	ug/L	99
35) Methylcyclohexane	6.16	83	1941	0.094	ug/L #	39

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017309.D
Acq On : 02 Jul 2020 14:32
Operator : SY/MD
Sample : L3154-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jul 03 01:17:54 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)
39) cis-1,3-Dichloropropene	7.01	75	1662	0.100	ug/L	#	65
42) Toluene	7.41	91	111335	2.113	ug/L		97
43) 1,3,5-Trimethylbenzene	10.56	105	2243	0.048	ug/L		98
44) 1,2,4-Trimethylbenzene	10.94	105	4868	0.101	ug/L		99
47) 1,1,2-Trichloroethane	7.87	97	955	0.120	ug/L		95
52) 1,2-Dibromoethane	8.54	107	937	0.124	ug/L	#	28
53) Chlorobenzene	8.91	112	2474	0.075	ug/L		93
54) Ethylbenzene	9.04	91	32867	0.584	ug/L		100
55) m,p-xylene	9.16	106	22459	1.018	ug/L		96
56) o-xylene	9.57	106	11736	0.570	ug/L		100
58) Isopropylbenzene	9.95	105	3256	0.057	ug/L	#	89
70) Naphthalene	13.53	128	7833	0.309	ug/L	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
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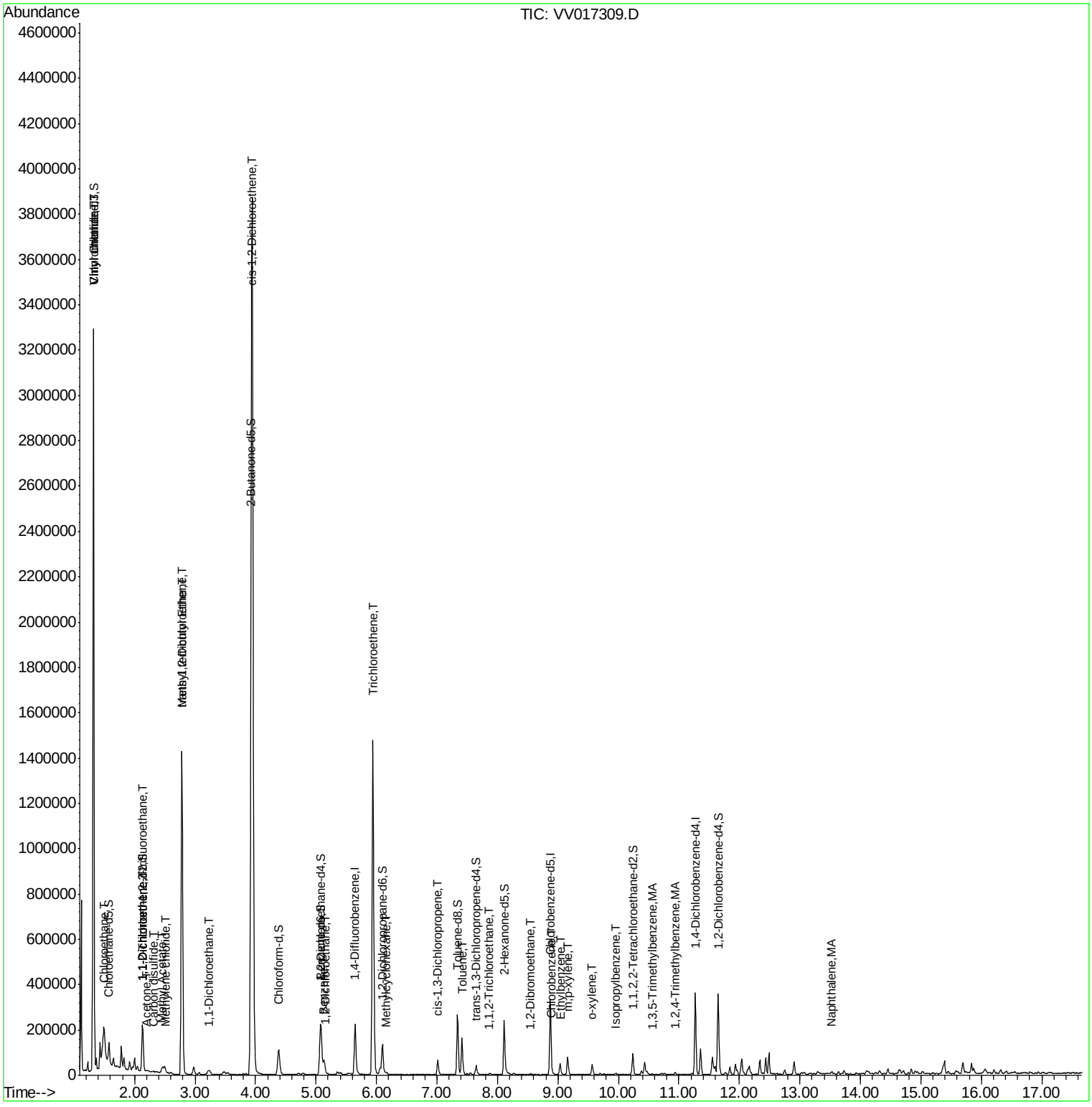
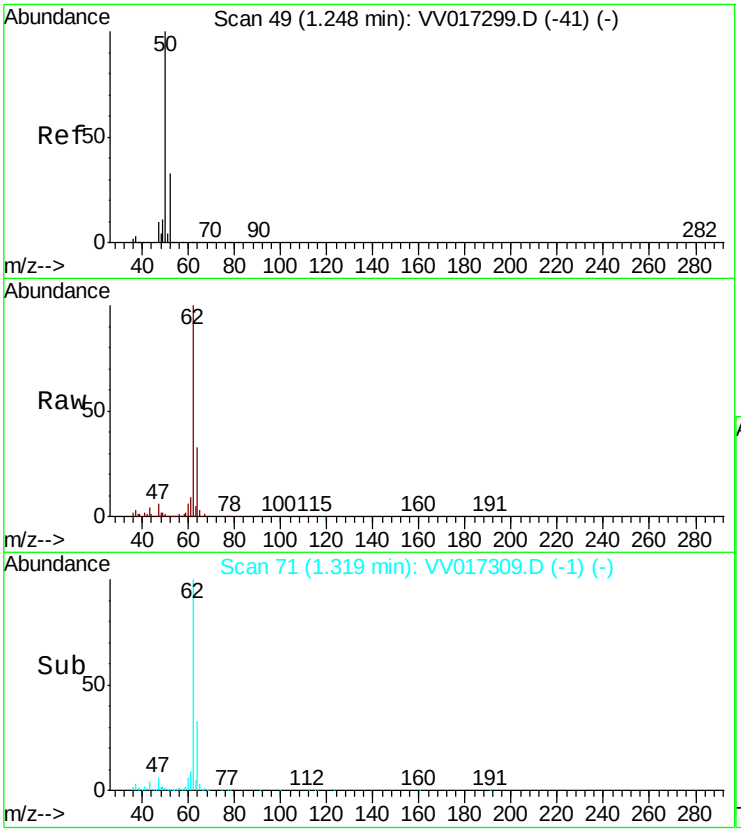
Acq On : 02 Jul 2020 14:32
Operator : SY/MD
Sample : L3154-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 03 01:17:54 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



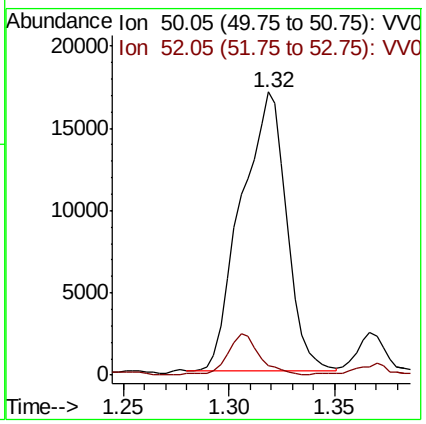


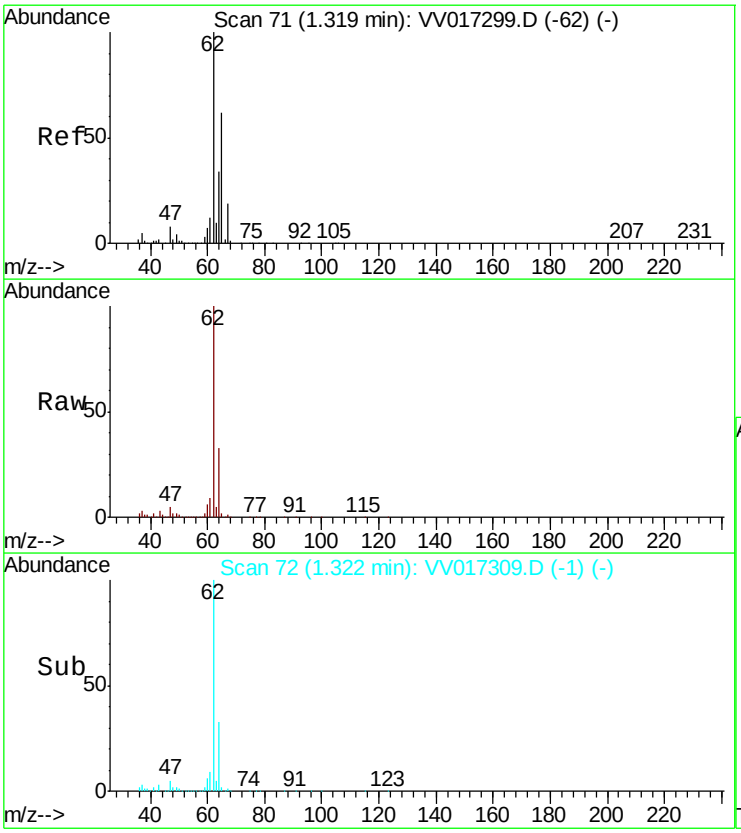
#3
Chloromethane
Concen: 2.034 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.07 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 25308

Ion	Ratio	Lower	Upper
50	100		
52	3.6	22.5	41.9#

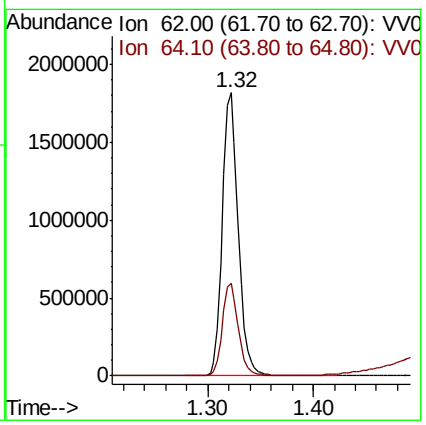


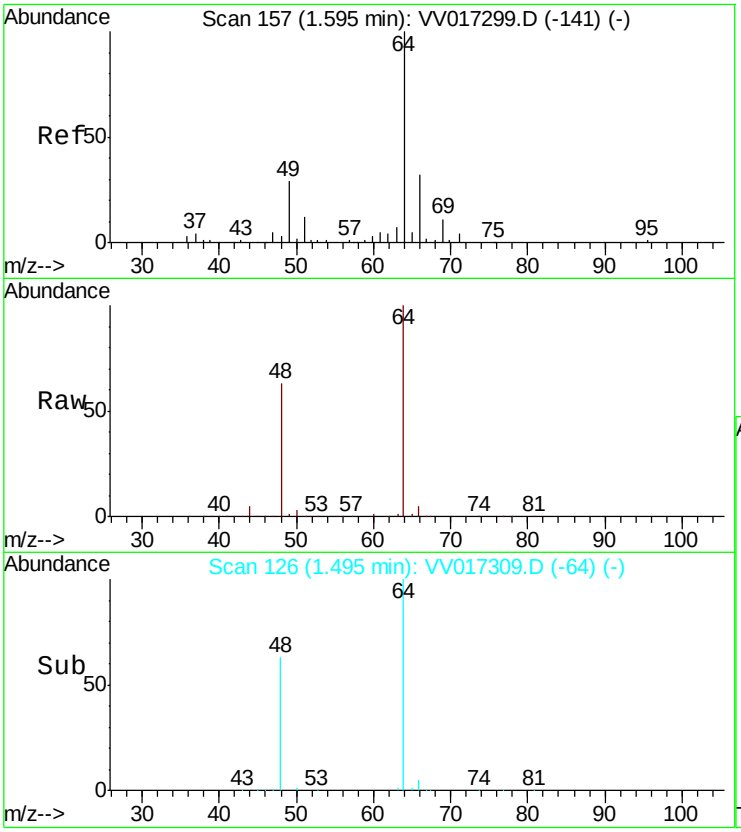


#5
Vinyl chloride
Concen: 156.379 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 62 Resp: 1887702

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.5	41.7



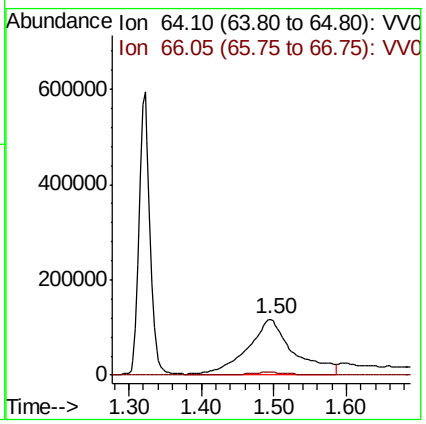


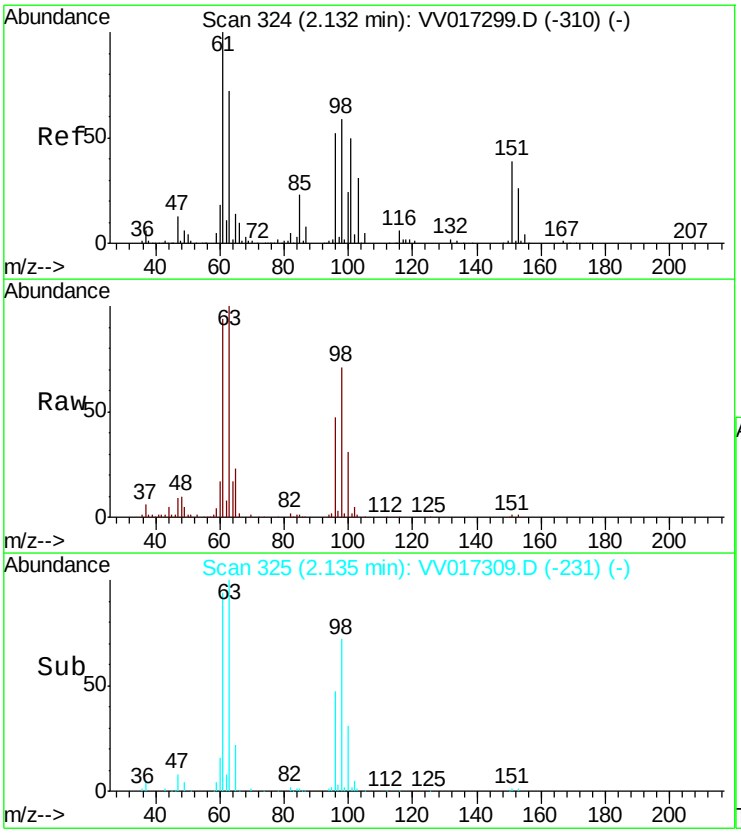
#8
Chloroethane
Concen: 74.556 ug/L
RT: 1.50 min Scan# 126
Delta R.T. -0.10 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 497379

Ion	Ratio	Lower	Upper
64	100		
66	5.1	22.8	42.4#

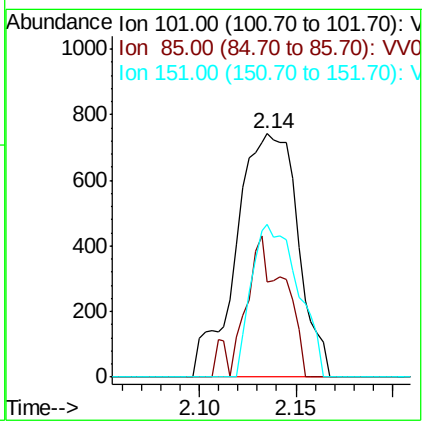


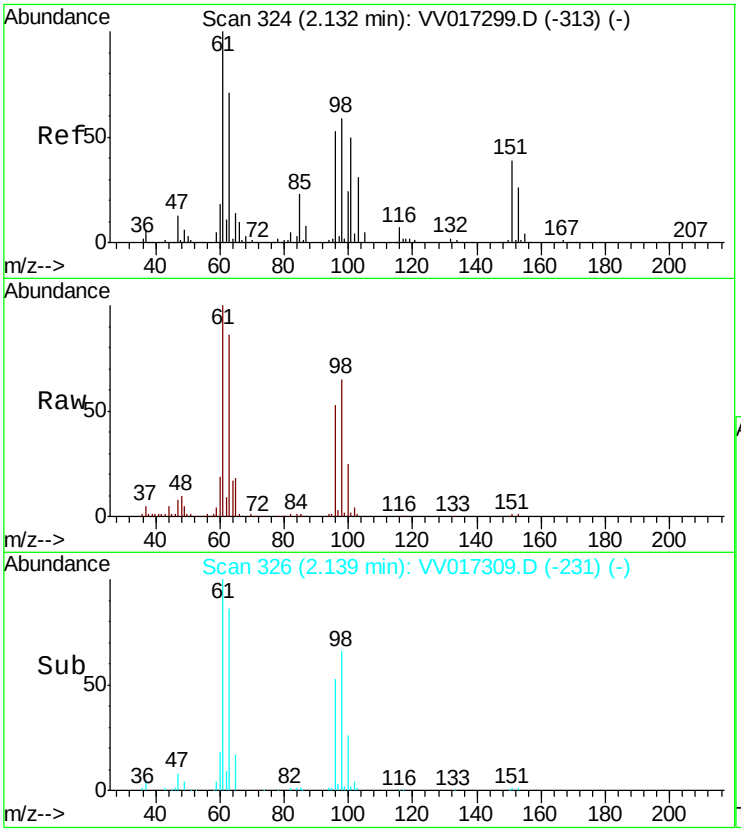


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.169 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion:101 Resp: 1642

Ion	Ratio	Lower	Upper
101	100		
85	34.4	35.4	53.2#
151	47.6	63.9	95.9#



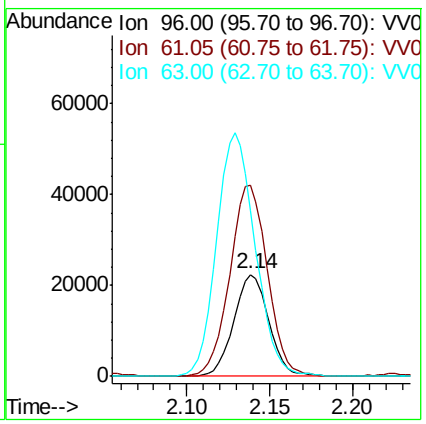


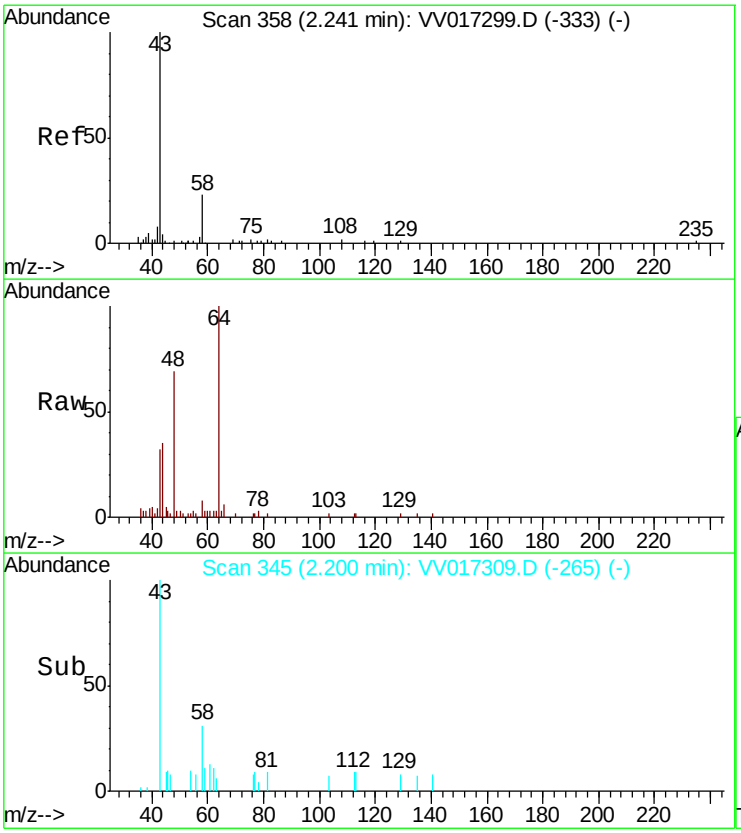
#12
1,1-Dichloroethene
Concen: 3.743 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 33050

Ion	Ratio	Lower	Upper
96	100		
61	188.4	125.0	232.2
63	162.7	109.8	203.8

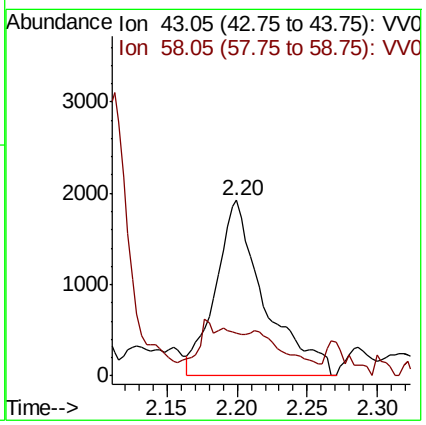


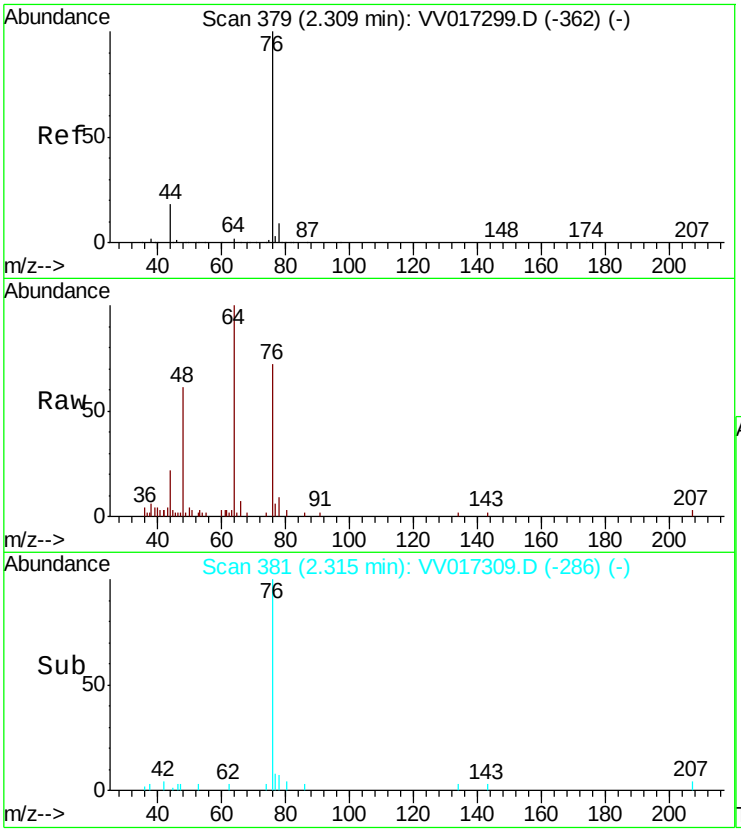


#13
Acetone
Concen: 3.264 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.04 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 43 Resp: 4643

Ion	Ratio	Lower	Upper
43	100		
58	8.2	0.0	58.4



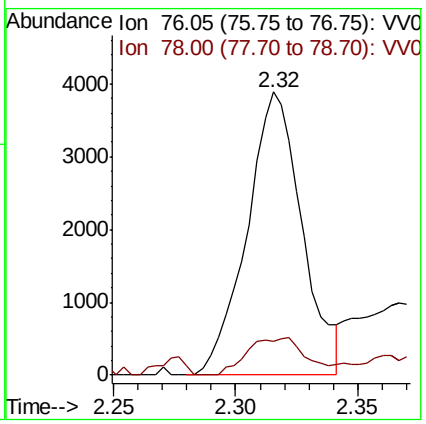


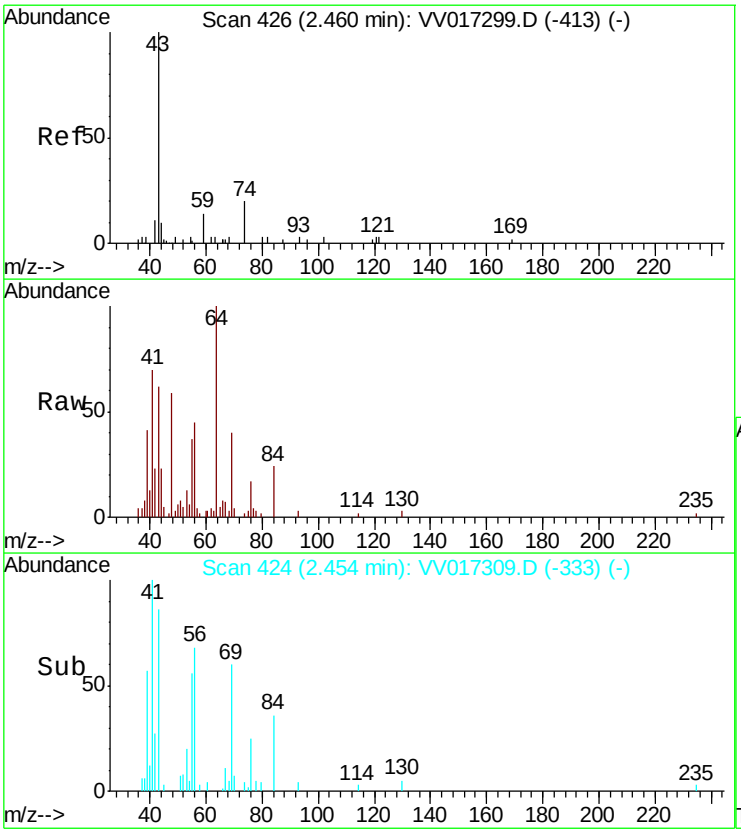
#14
Carbon disulfide
Concen: 0.230 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 6097

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.7	11.5#

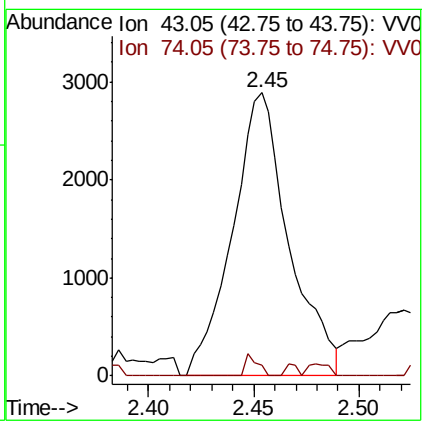


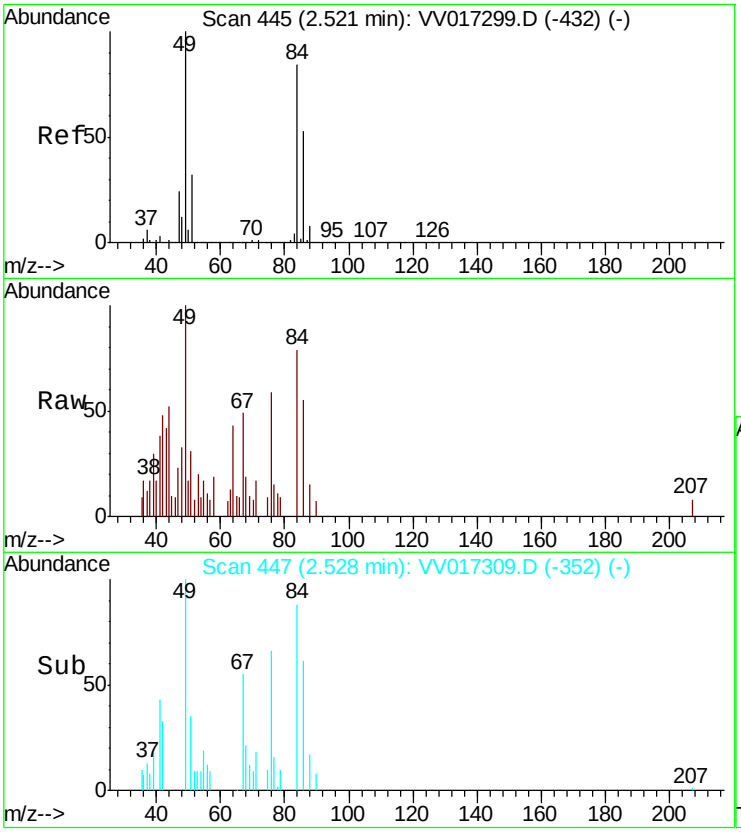


#15
Methyl Acetate
Concen: 1.546 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 43 Resp: 5376

Ion	Ratio	Lower	Upper
43	100		
74	1.7	19.1	28.7#



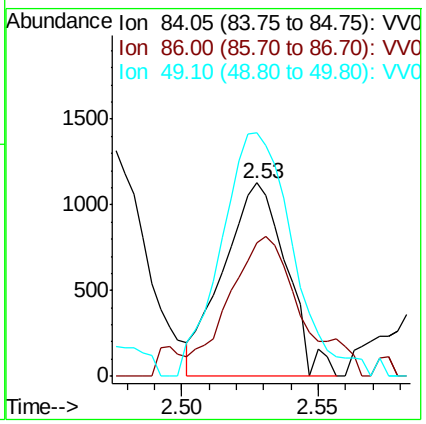


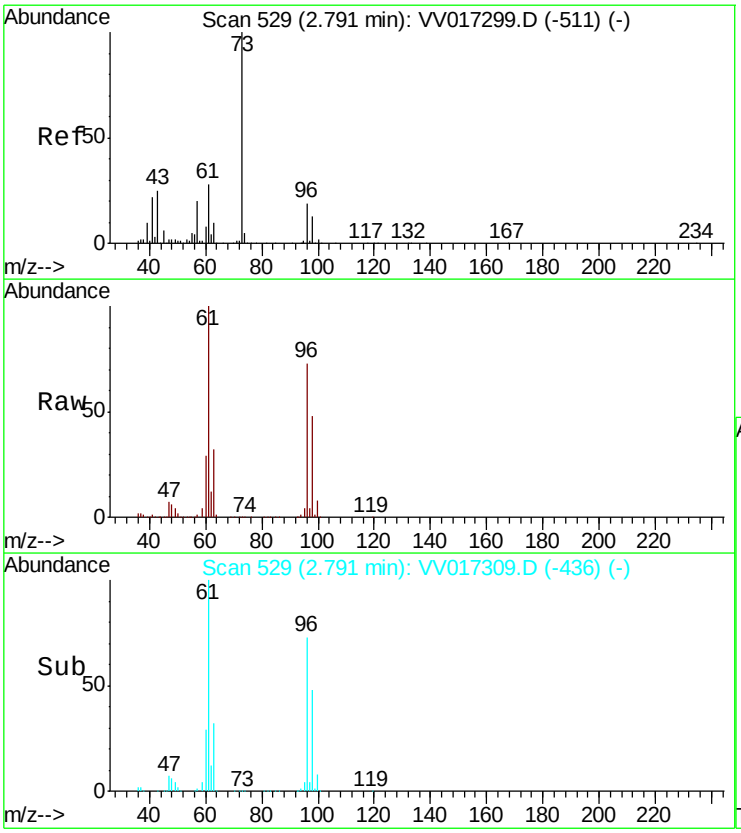
#16
Methylene chloride
Concen: 0.192 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1813

Ion	Ratio	Lower	Upper
84	100		
86	69.4	45.8	85.0
49	126.0	89.6	166.4

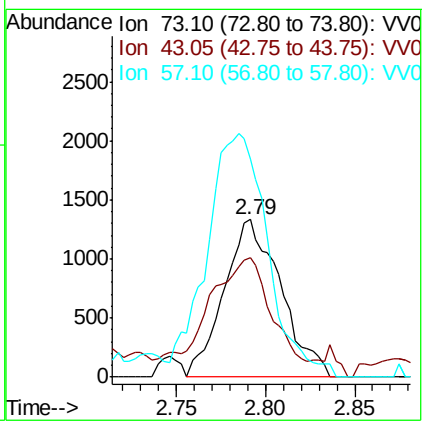


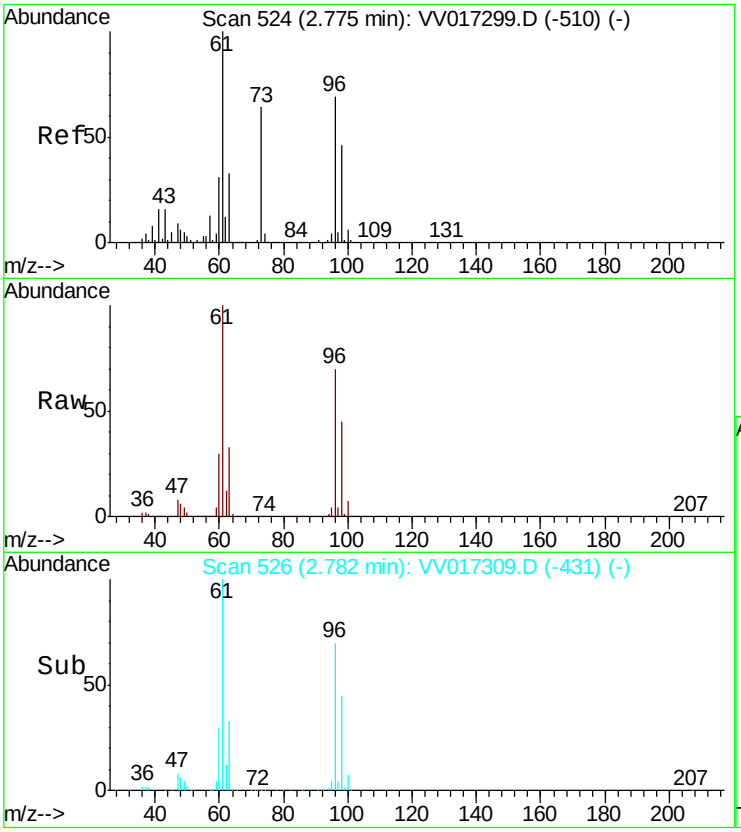


#17
Methyl tert-butyl Ether
Concen: 0.133 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 73 Resp: 2949

Ion	Ratio	Lower	Upper
73	100		
43	64.7	18.6	28.0#
57	165.5	16.4	24.6#



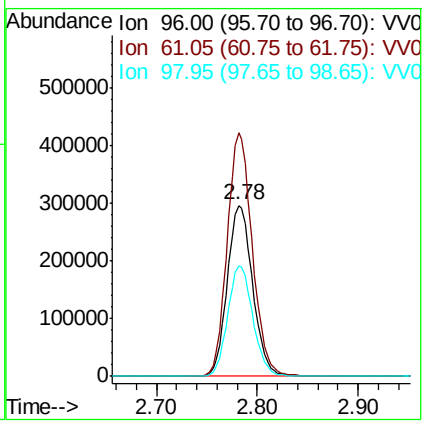


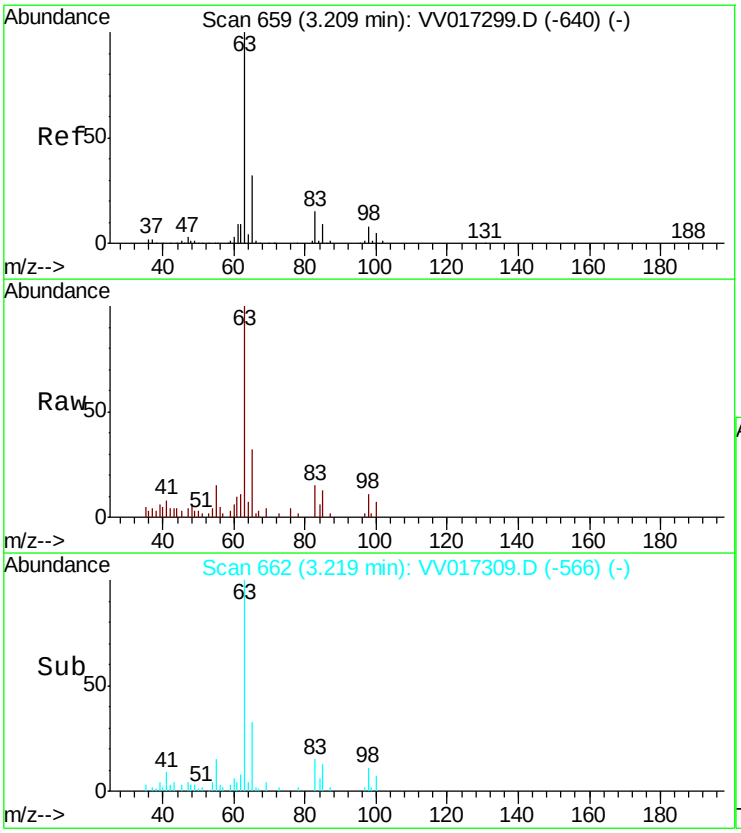
#18
trans-1,2-Dichloroethene
Concen: 55.716 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 521262

Ion	Ratio	Lower	Upper
96	100		
61	142.2	102.3	189.9
98	64.5	44.7	82.9

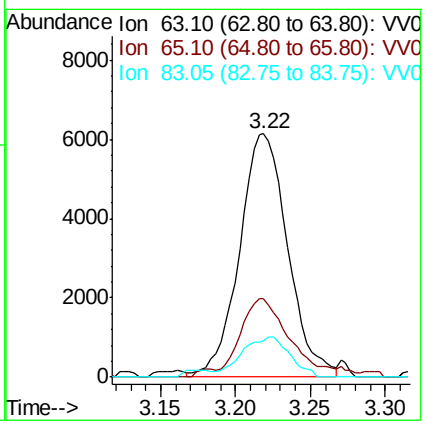


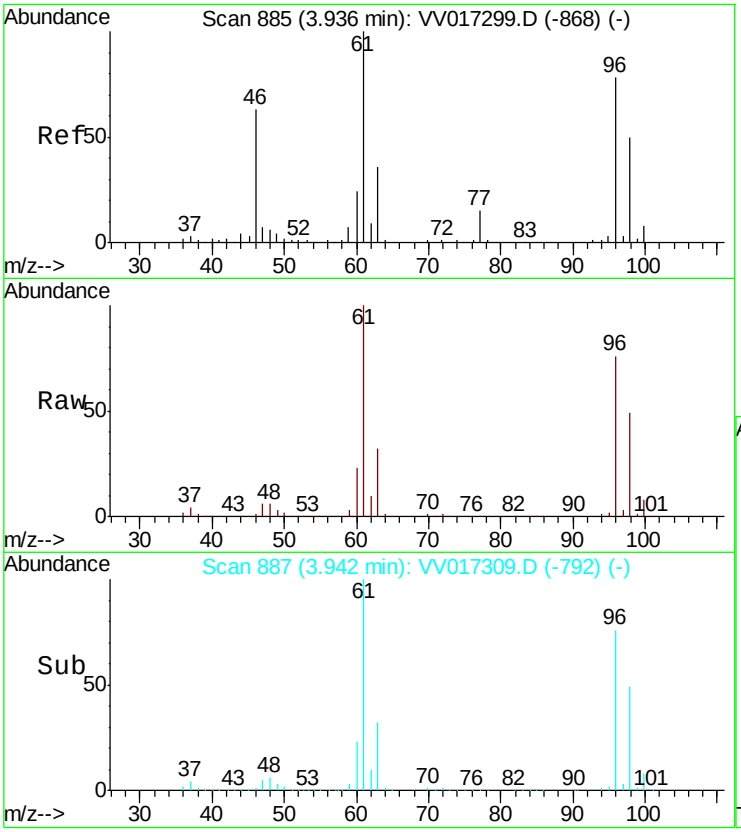


#19
1,1-Dichloroethane
Concen: 0.656 ug/L
RT: 3.22 min Scan# 662
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 63 Resp: 13791

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.8	40.4
83	15.1	9.7	17.9



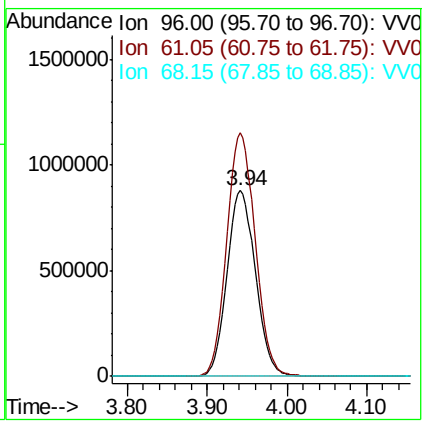


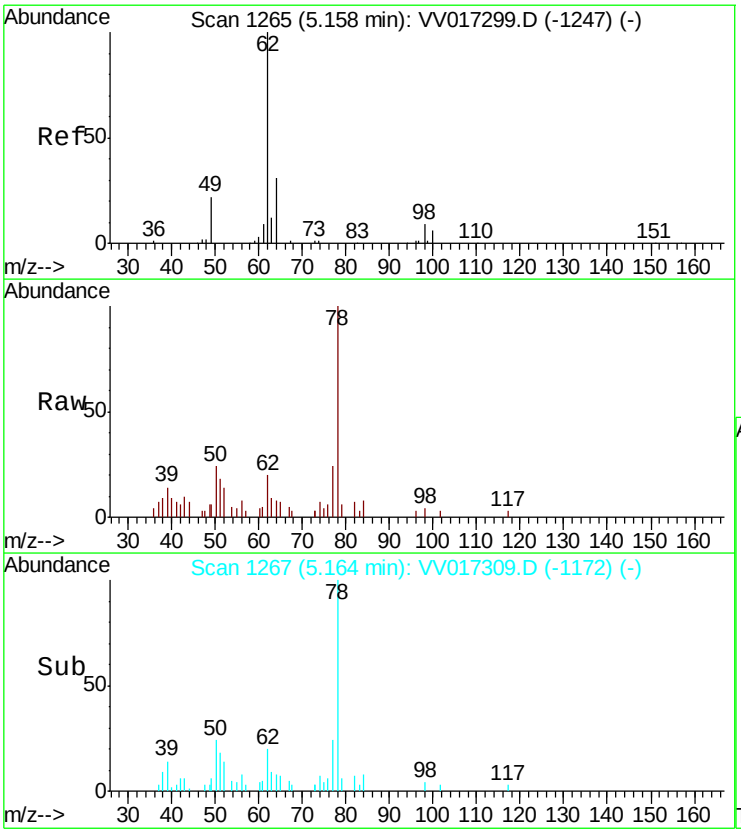
#22
cis-1,2-Dichloroethene
Concen: 165.683 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2119722

Ion	Ratio	Lower	Upper
96	100		
61	131.1	91.0	169.0
68	0.0	0.0	0.0

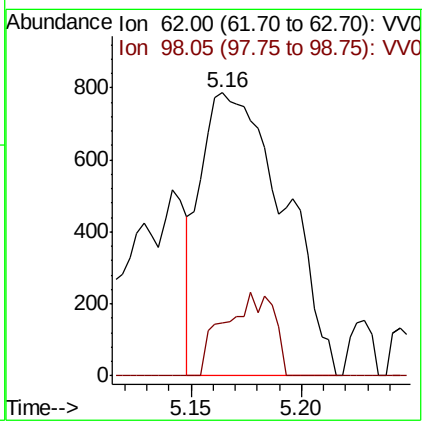


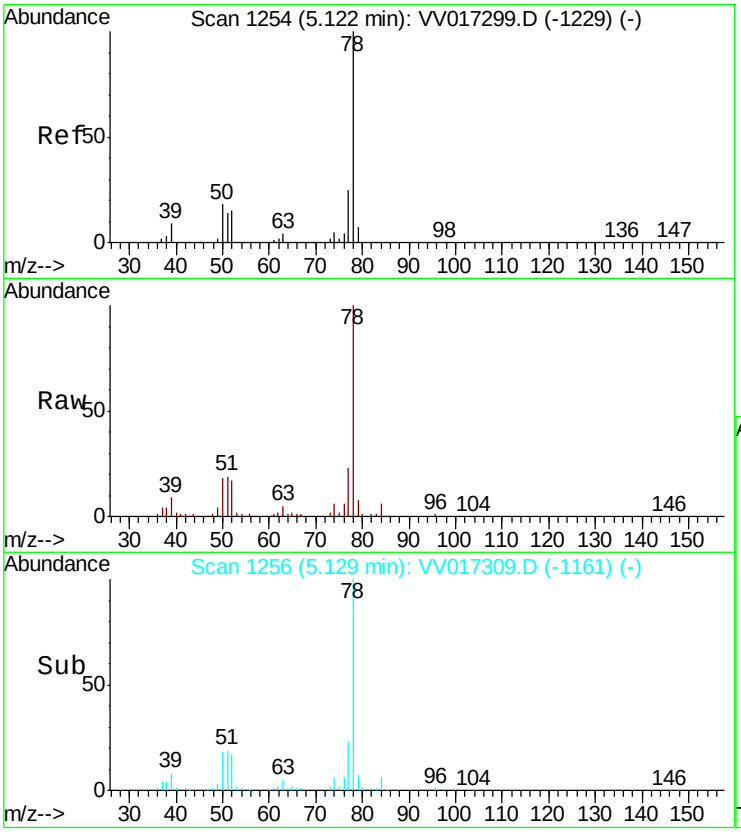


#27
1,2-Dichloroethane
Concen: 0.144 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 62 Resp: 2052

Ion	Ratio	Lower	Upper
62	100		
98	18.4	6.7	10.1#

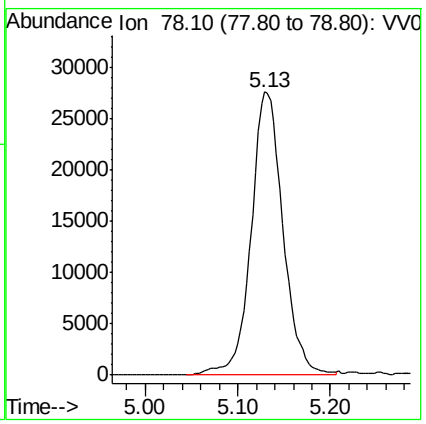


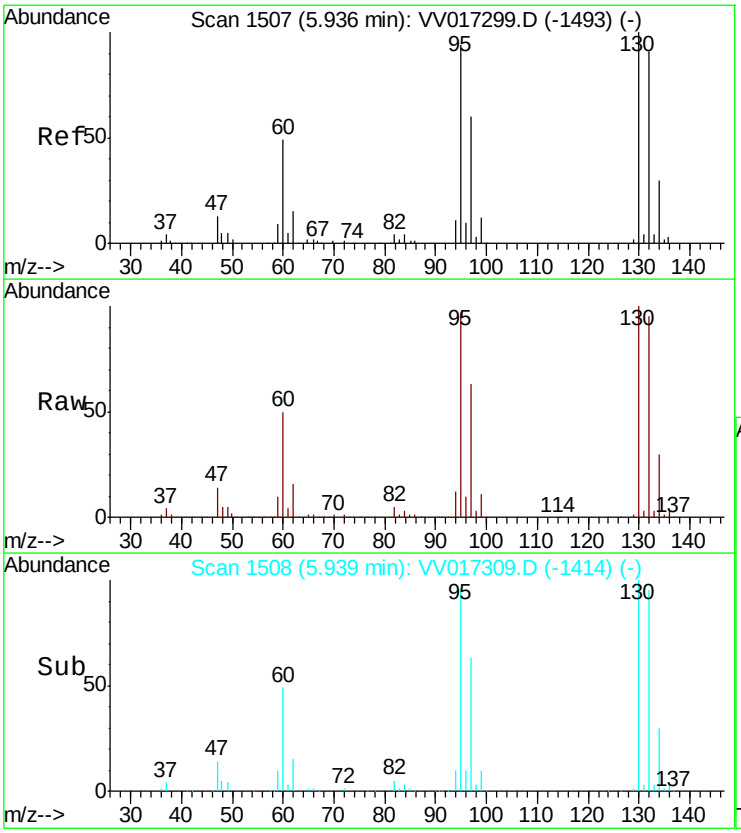


#33
Benzene
Concen: 1.455 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 65966

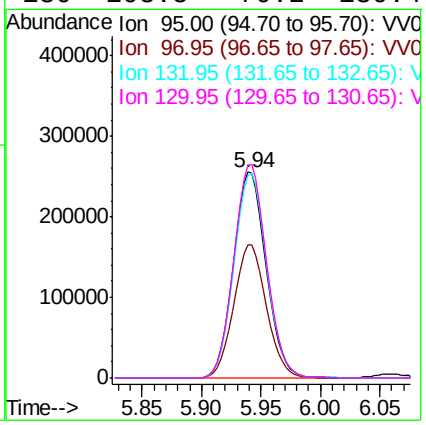


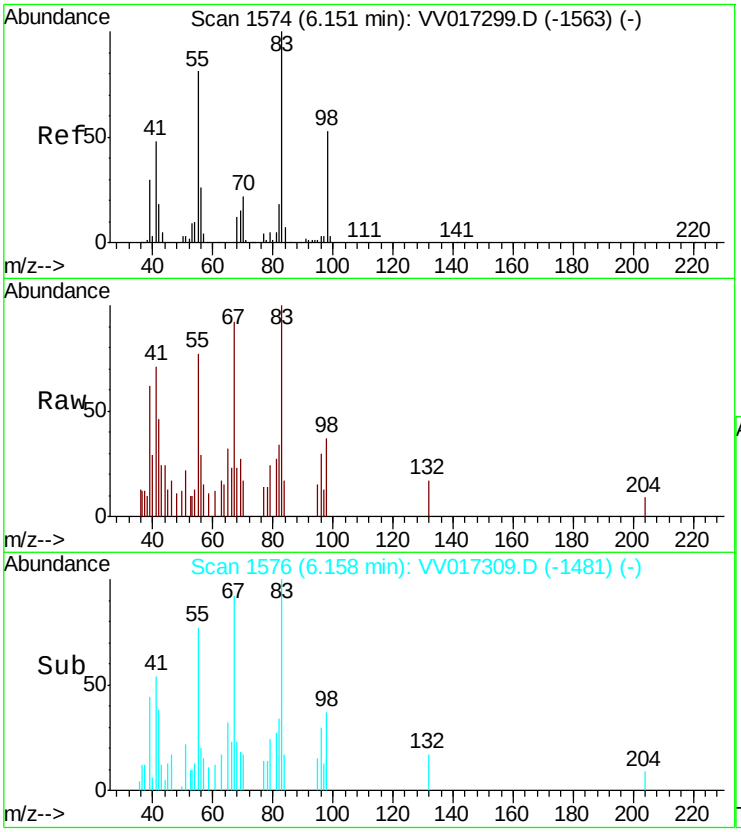


#34
Trichloroethene
Concen: 36.616 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 95 Resp: 485950

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.3	84.1
132	98.6	68.8	127.8
130	103.5	70.2	130.4



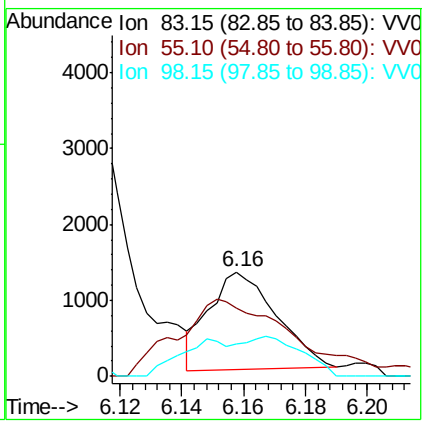


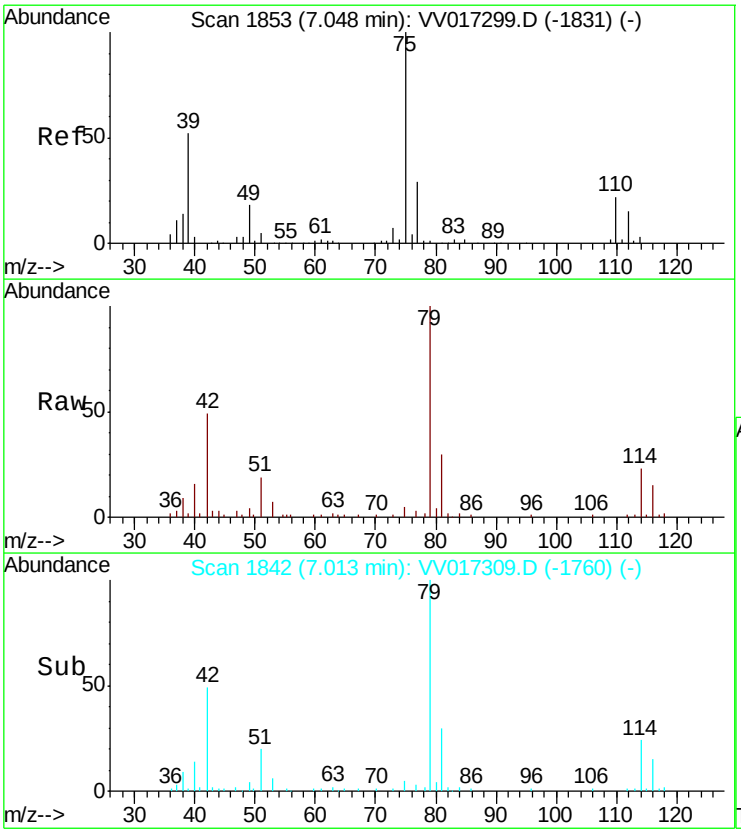
#35
Methylcyclohexane
Concen: 0.094 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1941

Ion	Ratio	Lower	Upper
83	100		
55	5.0	63.6	95.4#
98	34.1	38.8	58.2#

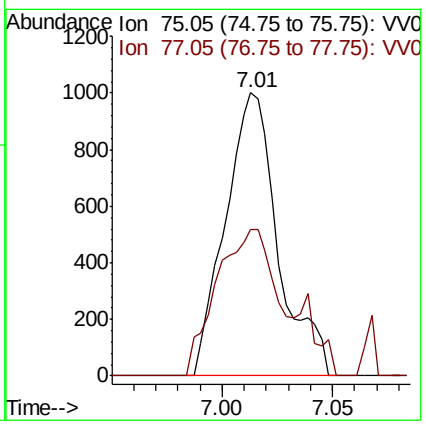


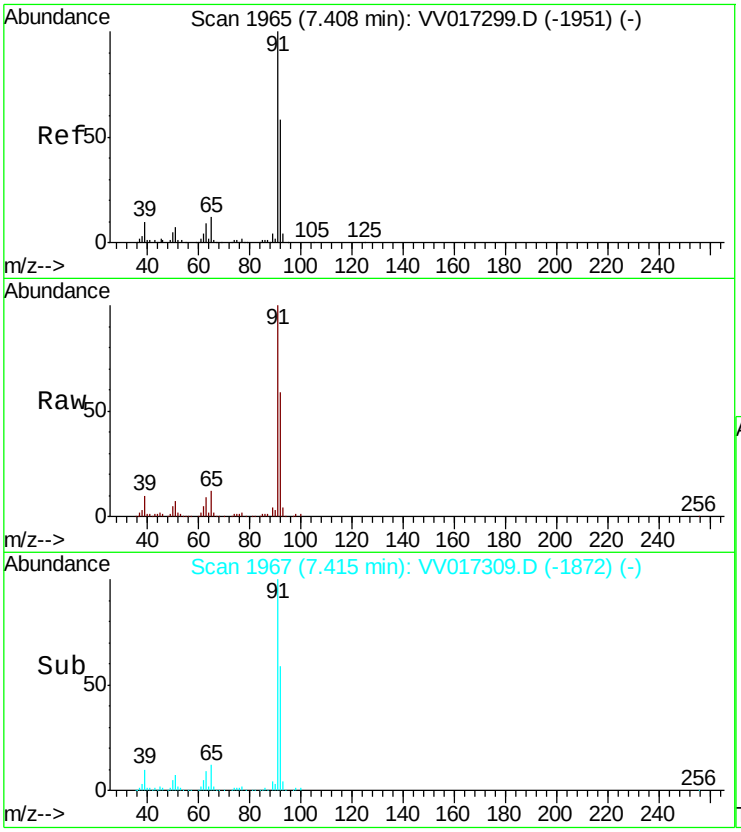


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 75 Resp: 1662

Ion	Ratio	Lower	Upper
75	100		
77	51.6	22.3	41.5#



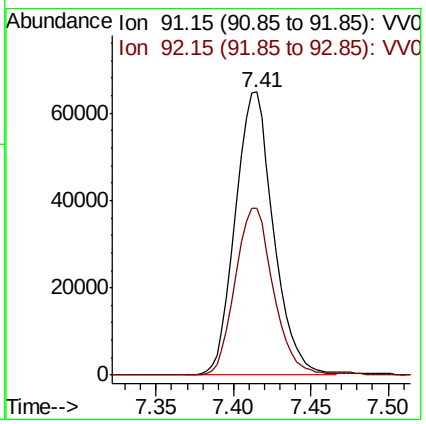


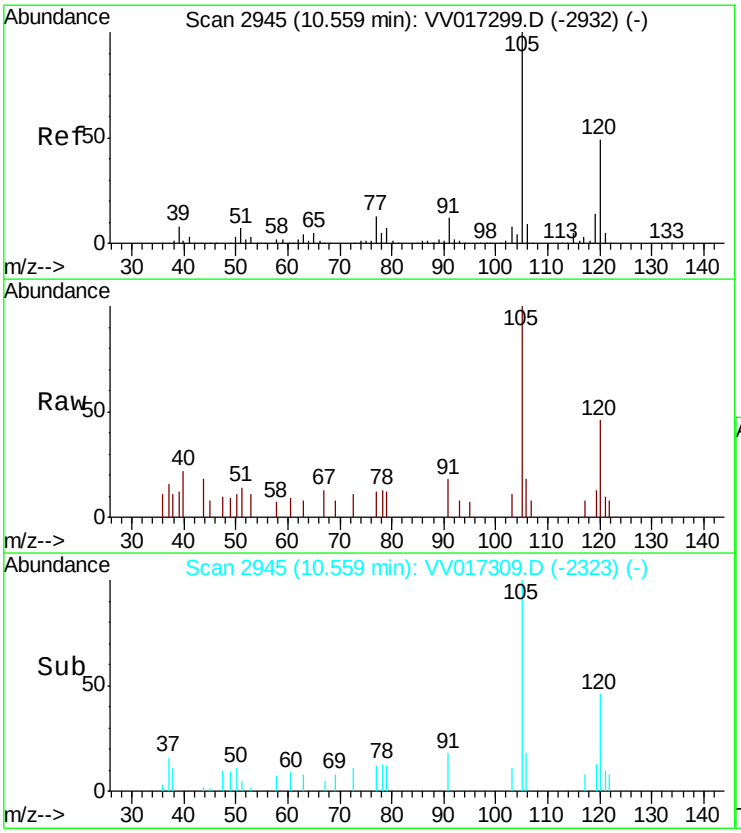
#42
Toluene
Concen: 2.113 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 111335

Ion	Ratio	Lower	Upper
91	100		
92	59.0	39.9	74.1

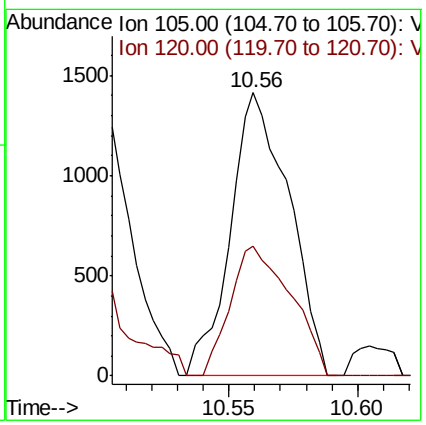


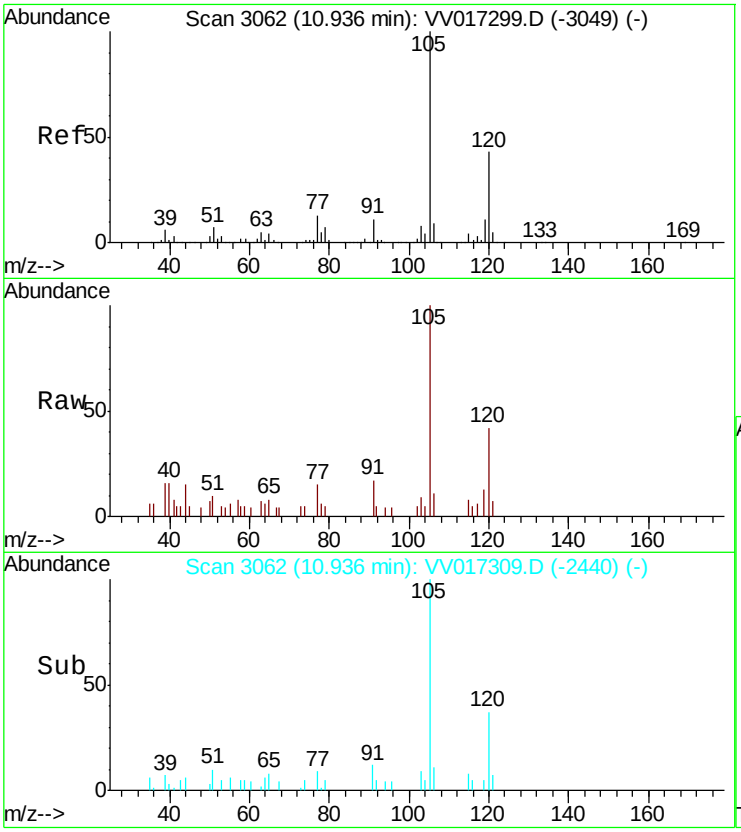


#43
1,3,5-Trimethylbenzene
Concen: 0.048 ug/L
RT: 10.56 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion:105 Resp: 2243

Ion	Ratio	Lower	Upper
105	100		
120	47.2	38.6	57.8



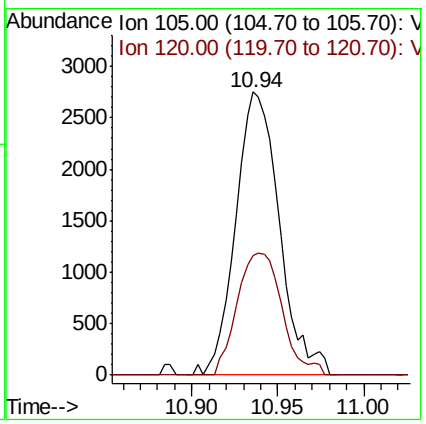


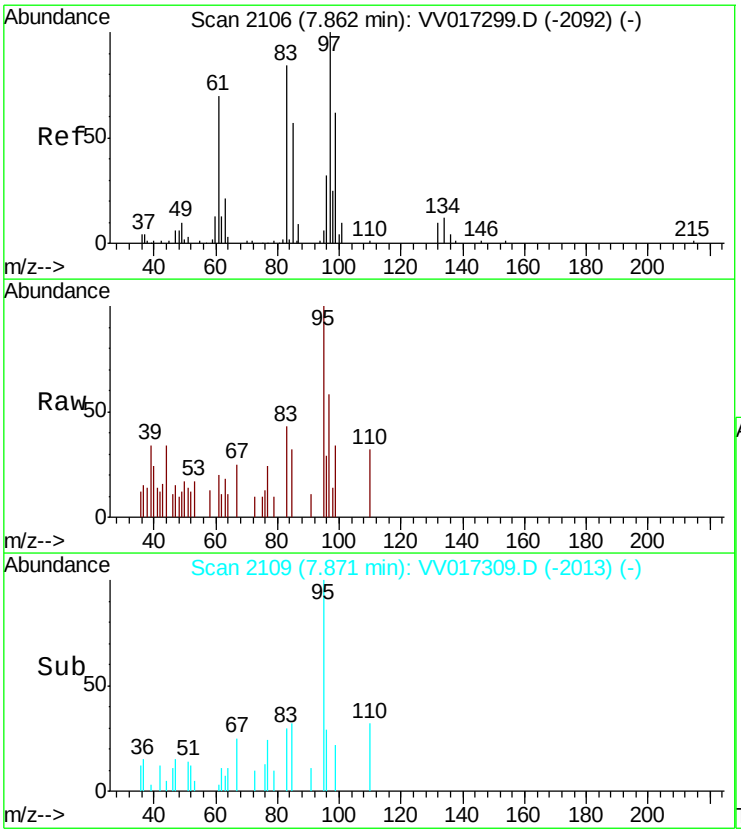
#44
1,2,4-Trimethylbenzene
Concen: 0.101 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4868

Ion	Ratio	Lower	Upper
105	100		
120	44.2	35.8	53.8

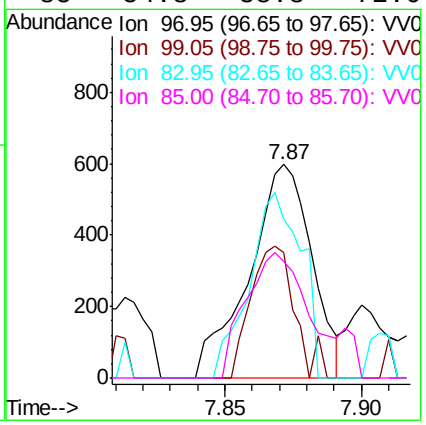


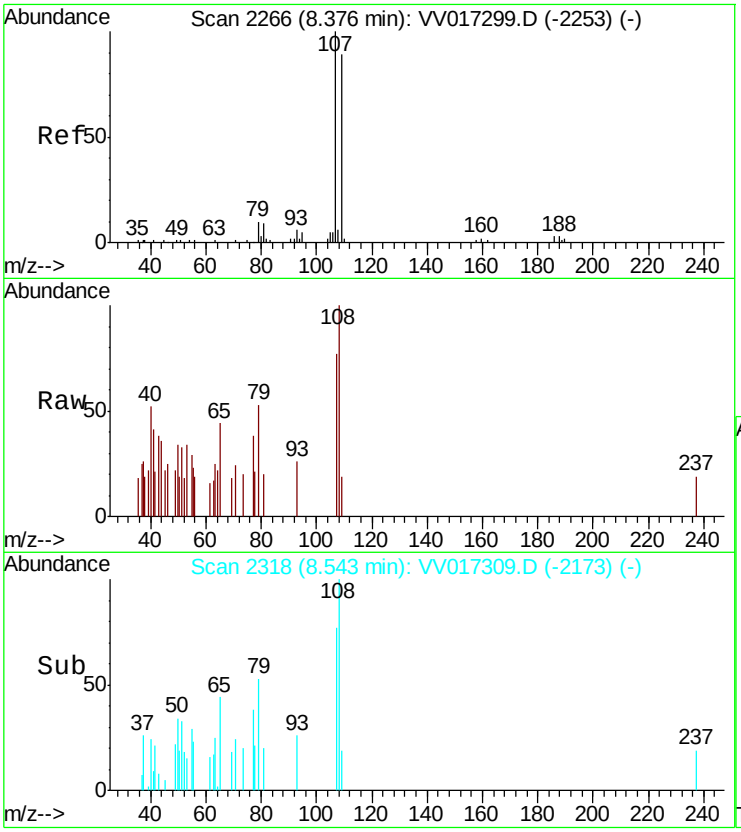


#47
1,1,2-Trichloroethane
Concen: 0.120 ug/L
RT: 7.87 min Scan# 2109
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion: 97 Resp: 955

Ion	Ratio	Lower	Upper
97	100		
99	58.7	43.6	81.0
83	74.2	57.4	106.6
85	54.8	38.8	72.0



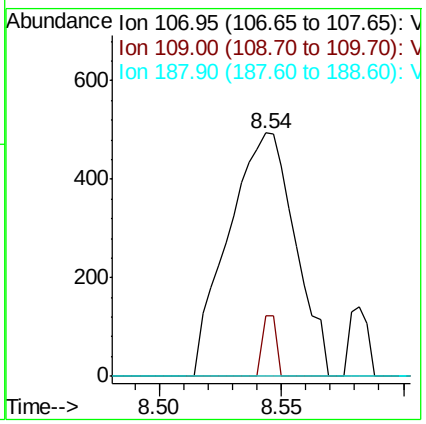


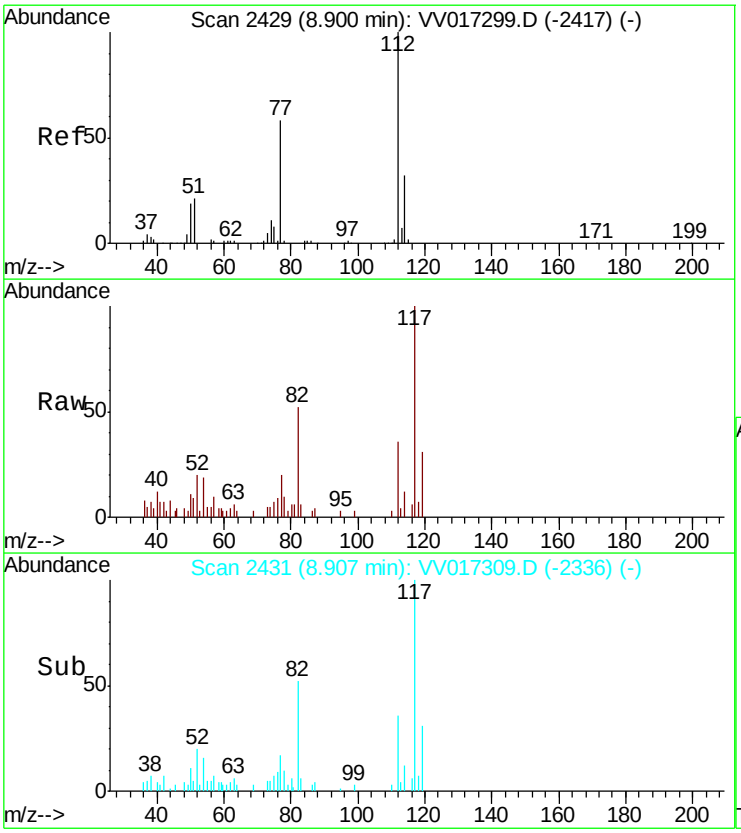
#52
1,2-Dibromoethane
Concen: 0.124 ug/L
RT: 8.54 min Scan# 2318
Delta R.T. 0.17 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 937

Ion	Ratio	Lower	Upper
107	100		
109	24.9	69.4	128.8#
188	0.0	3.9	5.9#

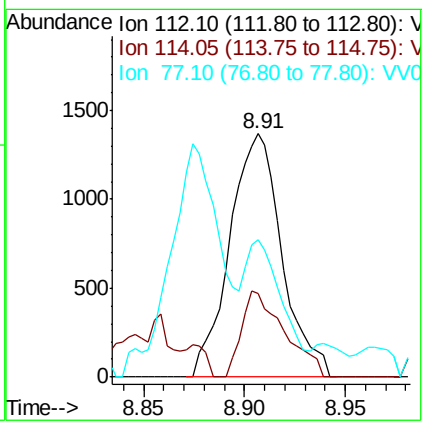


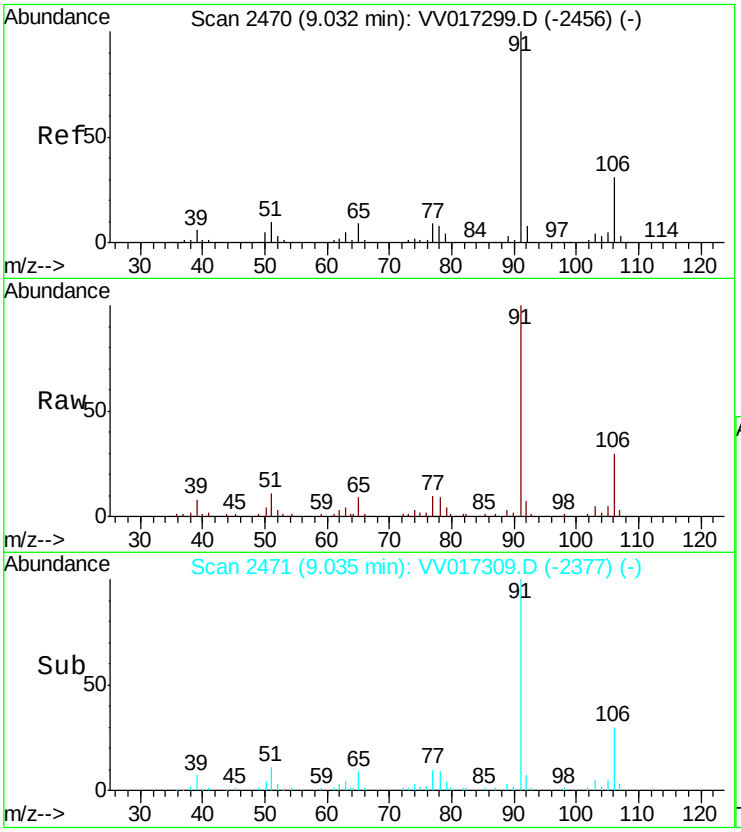


#53
Chlorobenzene
Concen: 0.075 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion:112 Resp: 2474

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.0	41.0
77	50.3	46.0	69.0



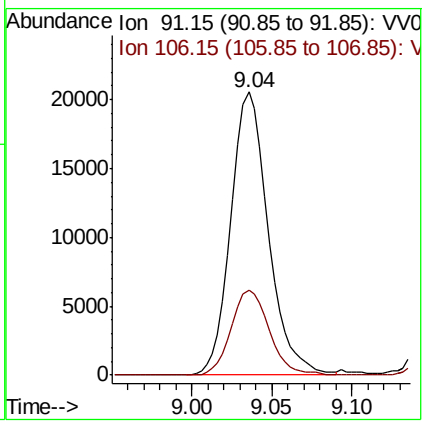


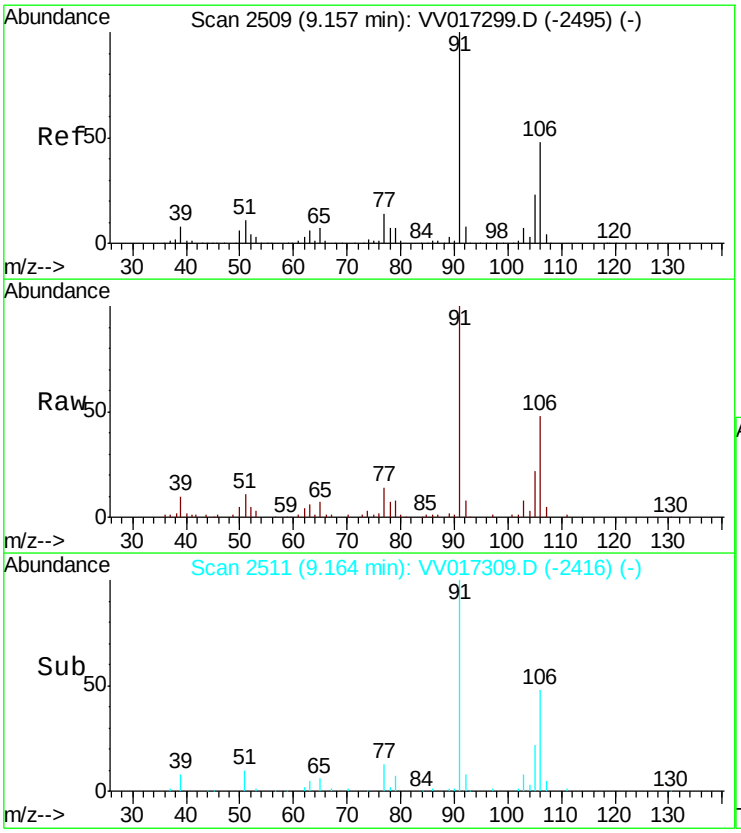
#54
Ethylbenzene
Concen: 0.584 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 32867

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.1	39.1

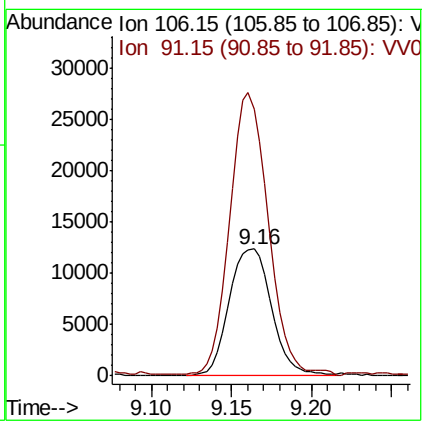


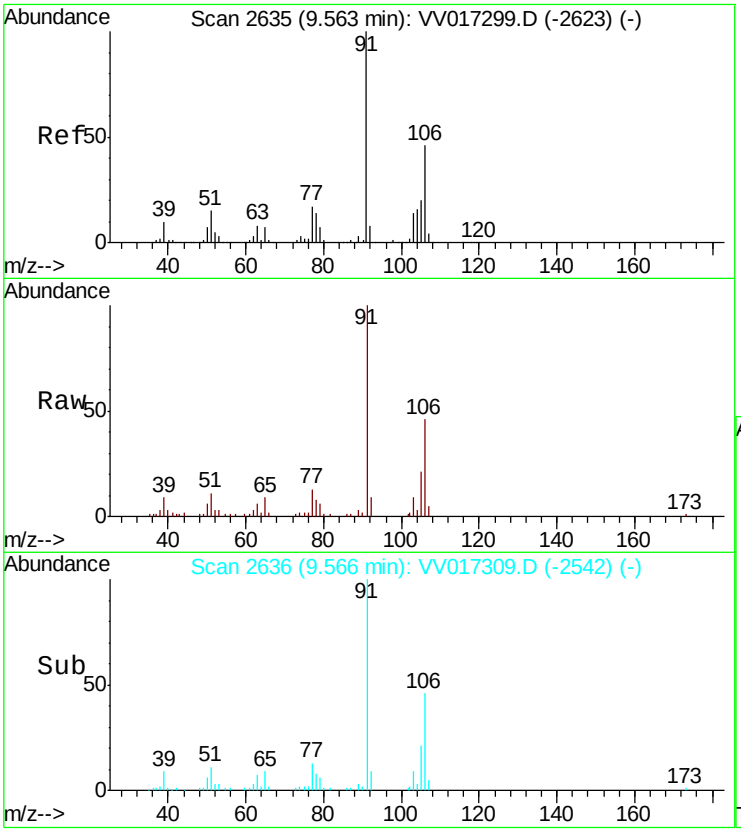


#55
m,p-xylene
Concen: 1.018 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion:106 Resp: 22459

Ion	Ratio	Lower	Upper
106	100		
91	209.6	142.7	264.9



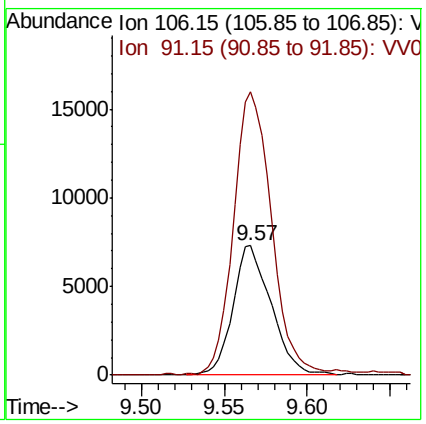


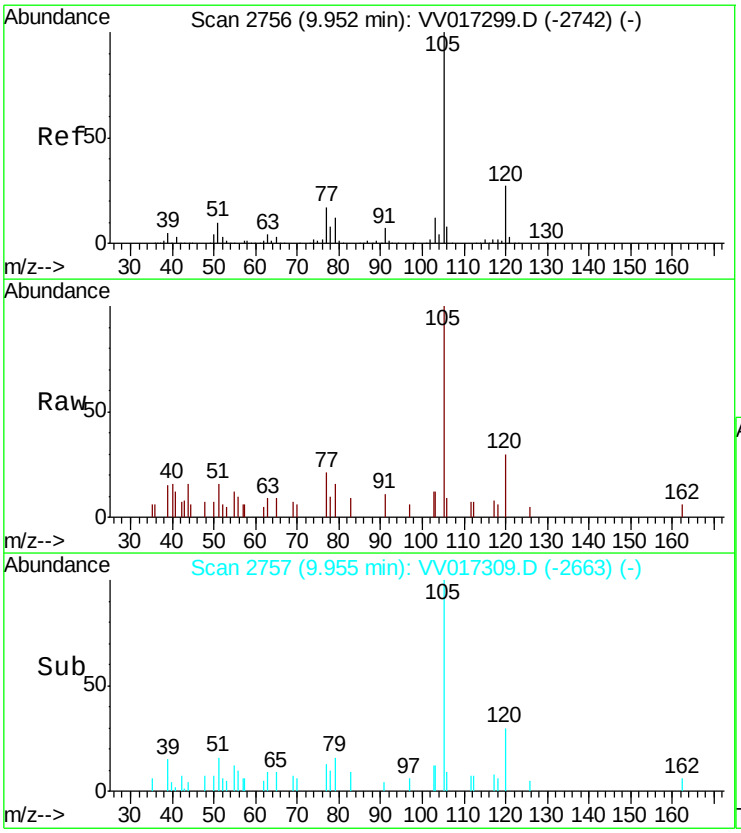
#56
o-xylene
Concen: 0.570 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 11736

Ion	Ratio	Lower	Upper
106	100		
91	218.6	153.6	285.2

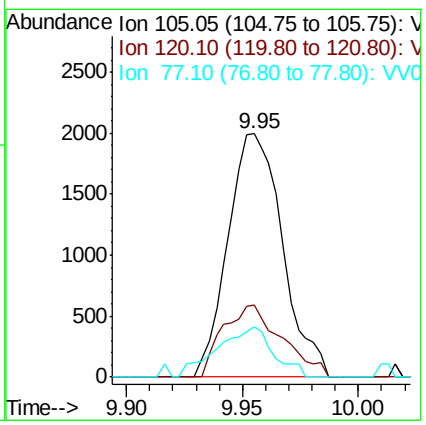


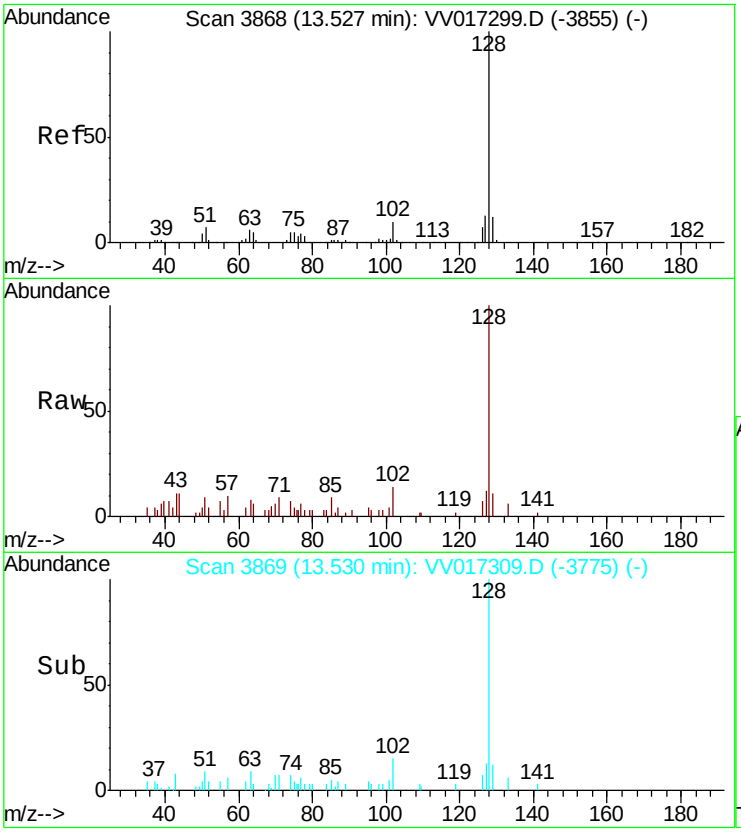


#58
Isopropylbenzene
Concen: 0.057 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Tgt Ion:105 Resp: 3256

Ion	Ratio	Lower	Upper
105	100		
120	32.0	21.2	31.8#
77	21.1	13.0	19.4#





#70
Naphthalene
Concen: 0.309 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV017309.D
Acq: 02 Jul 2020 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 7833

Ion	Ratio	Lower	Upper
128	100		
129	7.7	8.8	13.2#
127	12.3	10.5	15.7