Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 23 05:01:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182254	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172677	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86048	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	39389	3.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.00%			
7) Chloroethane-d5	1.57	69	30697	3.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.20%			
11) 1,1-Dichloroethene-d2	2.12	63	61625	2.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.20%#			
20) 2-Butanone-d5	3.98	46	102323	36.70	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.40%			
24) Chloroform-d	4.38	84	103198	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.06	65	56309	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.07	84	203852	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.09	67	59738	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.33	98	185298	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
45) trans-1,3-Dichloropropene-	7.65	79	22051	3.95	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.00%			
48) 2-Hexanone-d5	8.12	63	79864	37.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40104	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	76368	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	27980	2.340	ug/L	95
8) Chloroethane	1.53	64	32934	4.983	ug/L #	51
14) Carbon disulfide	2.31	76	1694	0.065	ug/L #	63
18) trans-1,2-Dichloroethene	2.77	96	15787	1.703	ug/L	94
19) 1,1-Dichloroethane	3.20	63	61455	2.951	ug/L	99
22) cis-1,2-Dichloroethene	3.93	96	162696	12.836	ug/L	99
25) Chloroform	4.40	83	3487	0.153	ug/L	79
27) 1,2-Dichloroethane	5.16	62	682	0.048	ug/L #	30
29) 1,1,1-Trichloroethane	4.63	97	8695	0.420	ug/L	91
33) Benzene	5.12	78	237932	5.261	ug/L	100
34) Trichloroethene	5.94	95	12272	0.927	ug/L	94
35) Methylcyclohexane	6.14	83	2884	0.140	ug/L #	82
37) 1,2-Dichloropropane	6.21	63	3833	0.342	ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	2041	0.123	ug/L #	75
42) Toluene	7.41	91	3970	0.076	ug/L	79
43) 1,3,5-Trimethylbenzene	10.50	105	2715	0.058	ug/L #	63
44) 1,2,4-Trimethylbenzene	10.76	105	4400	0.092	ug/L #	82

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 23 05:01:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) trans-1,3-Dichloropropene	7.64	75	1367	0.095	ug/L		86
50) 2-Hexanone	8.17	43	5125	1.114	ug/L	#	74
53) Chlorobenzene	8.90	112	25655	0.783	ug/L		91
58) Isopropylbenzene	9.95	105	6076	0.107	ug/L	#	86
63) 1,3-Dichlorobenzene	11.21	146	3698	0.143	ug/L		97
64) 1,4-Dichlorobenzene	11.30	146	7431	0.282	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	81891	3.483	ug/L		98

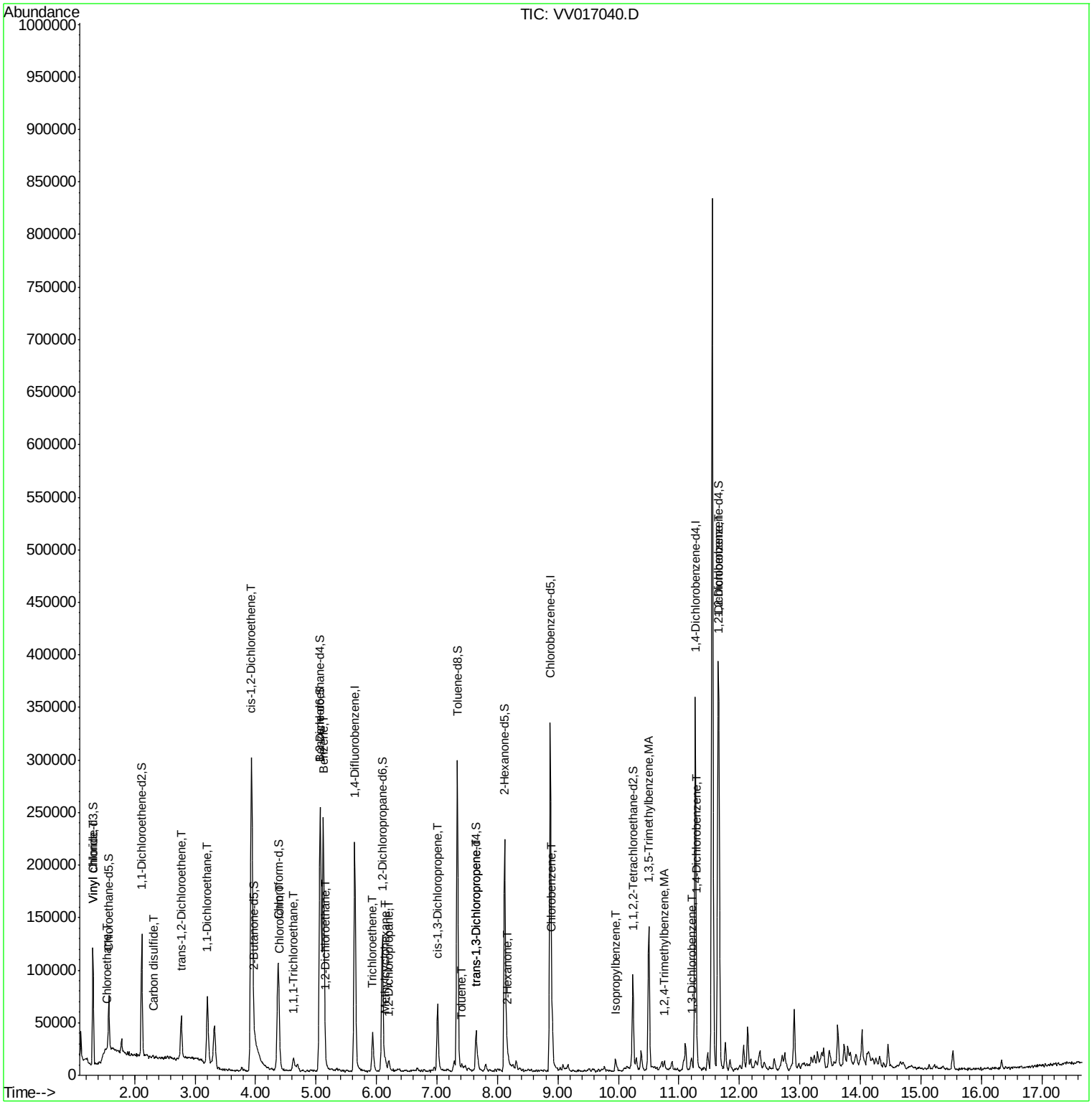
(#) = qualifier out of range (m) = manual integration (+) = signals summed

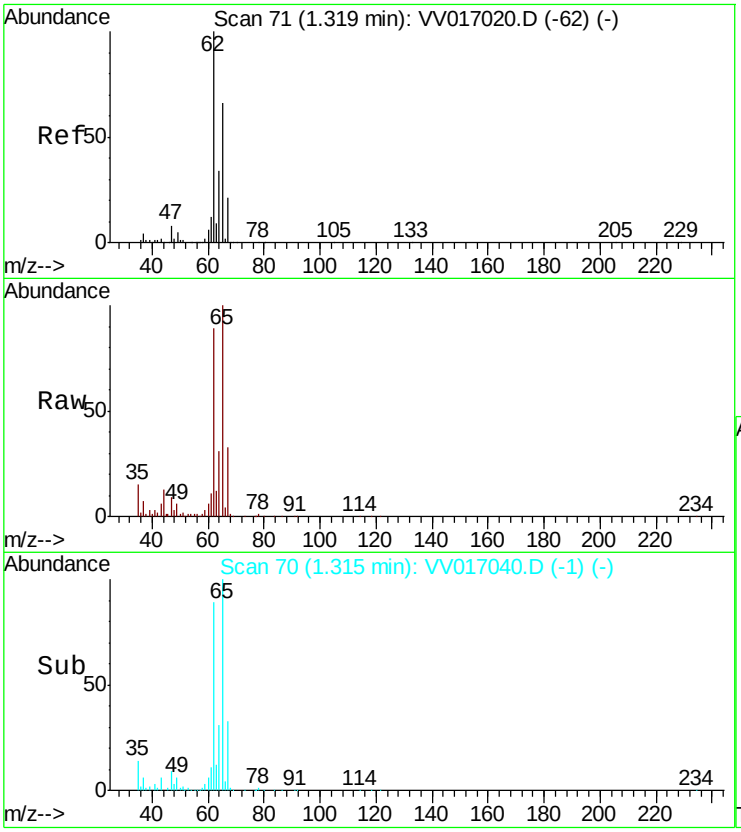
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062320\
Data File : VV017040.D
Acq On : 23 Jun 2020 00:33
Operator : SY/MD
Sample : L3067-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 23 05:01:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration



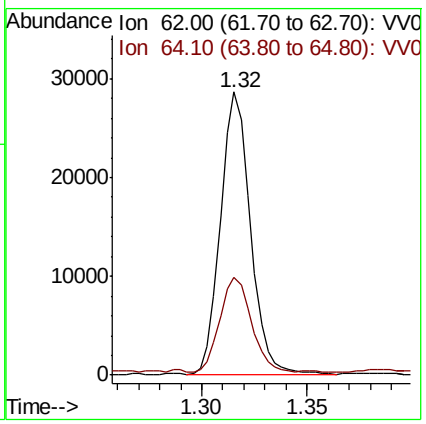


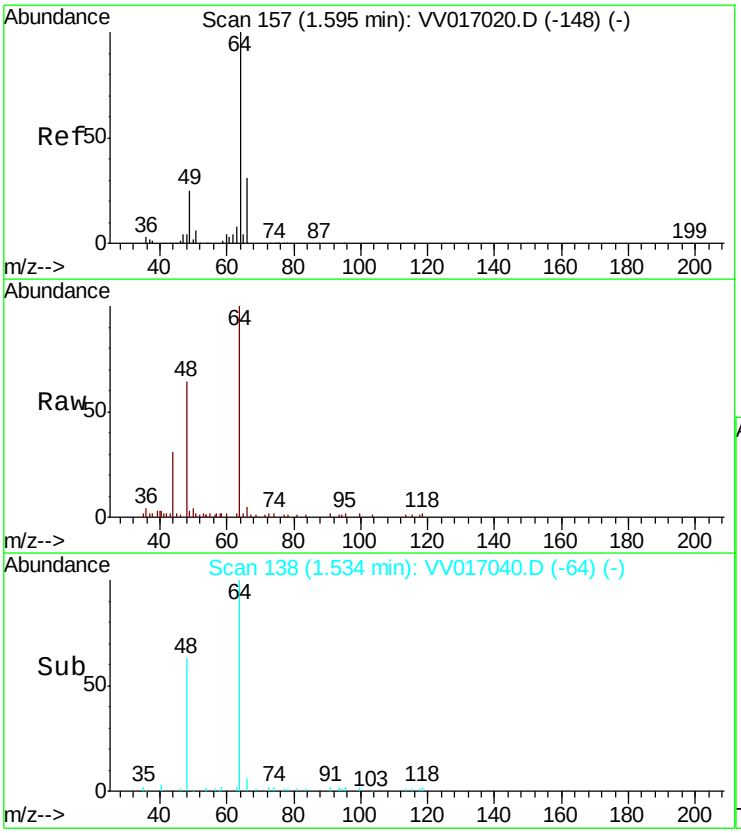
#5
Vinyl chloride
Concen: 2.340 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 27980

Ion	Ratio	Lower	Upper
62	100		
64	34.7	22.5	41.7

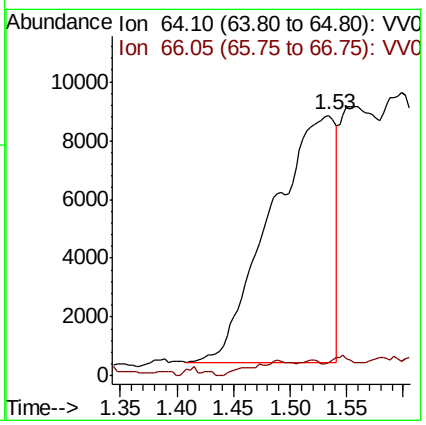


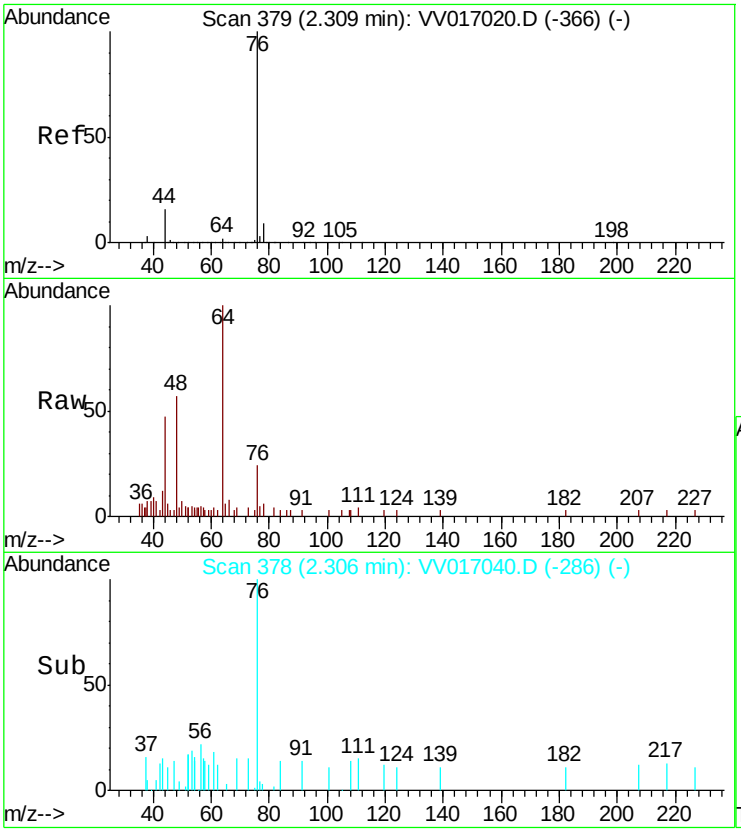


#8
Chloroethane
Concen: 4.983 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.06 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 64 Resp: 32934

Ion	Ratio	Lower	Upper
64	100		
66	5.3	22.8	42.4#



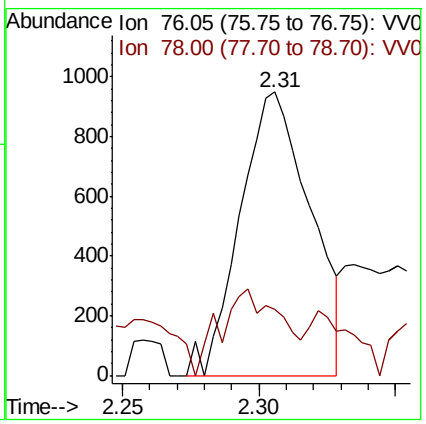


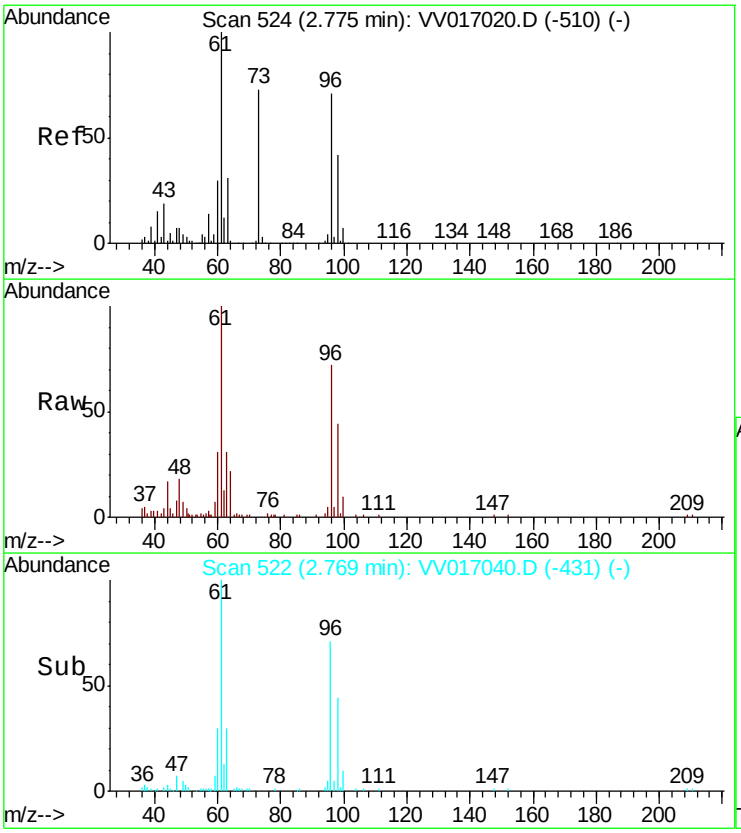
#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 1694

Ion	Ratio	Lower	Upper
76	100		
78	23.3	7.7	11.5#

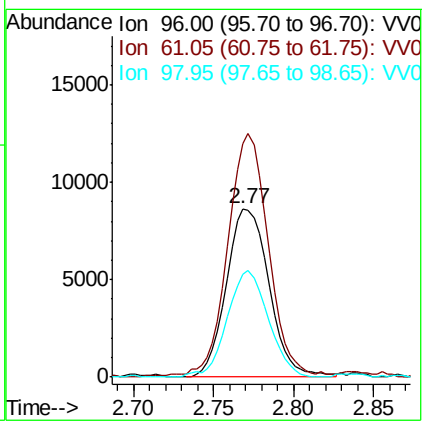


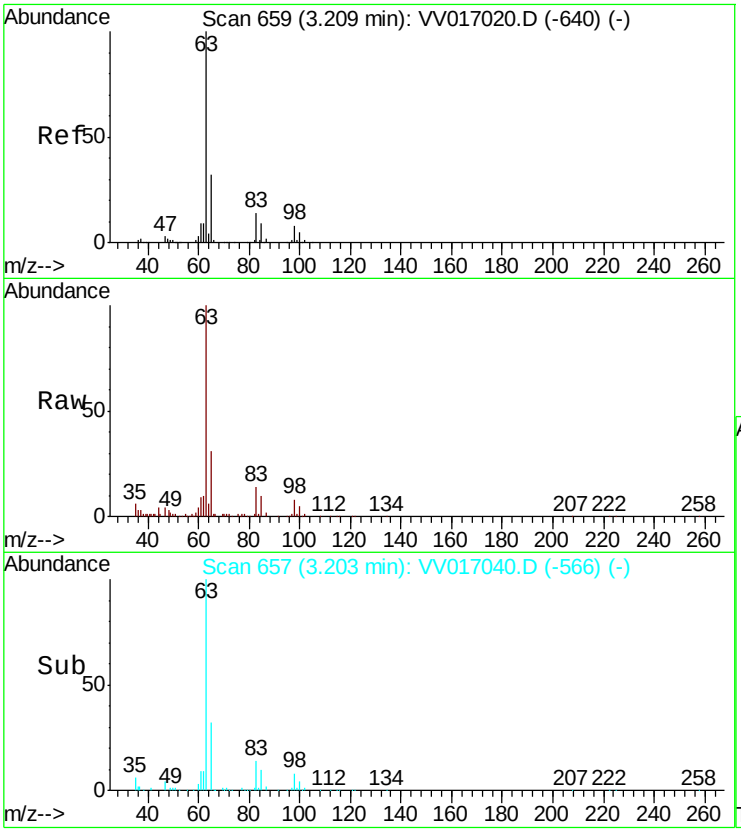


#18
trans-1,2-Dichloroethene
Concen: 1.703 ug/L
RT: 2.77 min Scan# 522
Delta R.T. -0.01 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 96 Resp: 15787

Ion	Ratio	Lower	Upper
96	100		
61	138.4	102.3	189.9
98	60.7	44.7	82.9



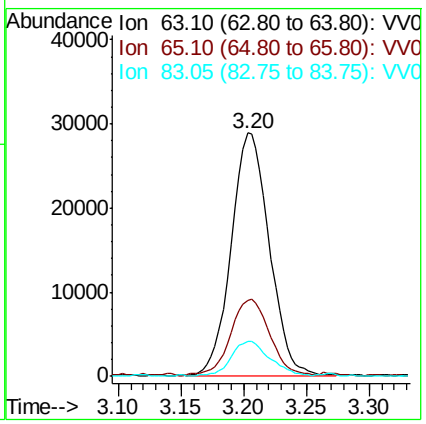


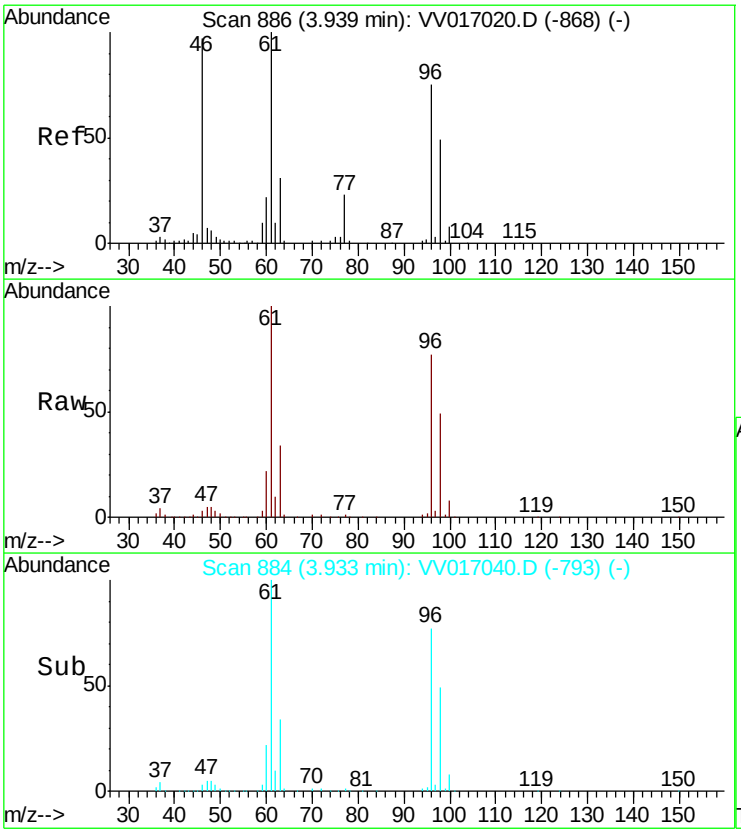
#19
1,1-Dichloroethane
Concen: 2.951 ug/L
RT: 3.20 min Scan# 657
Delta R.T. -0.01 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 61455

Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.4
83	14.2	9.7	17.9

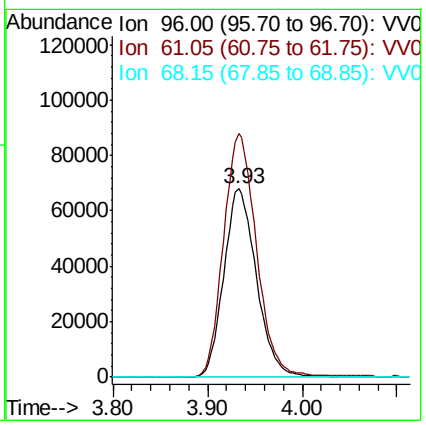


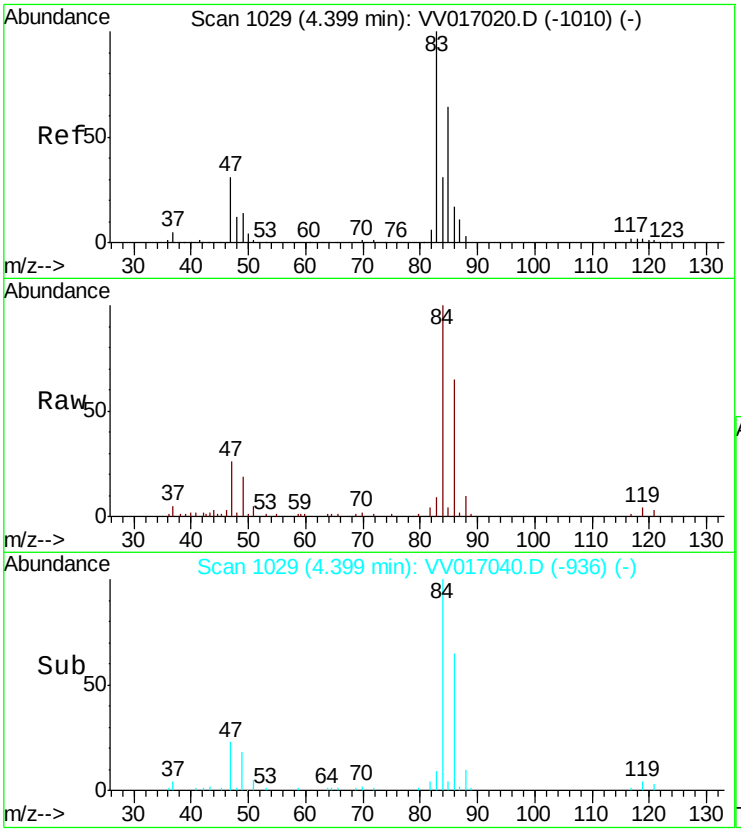


#22
cis-1,2-Dichloroethene
Concen: 12.836 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.01 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 96 Resp: 162696

Ion	Ratio	Lower	Upper
96	100		
61	129.1	91.0	169.0
68	0.0	0.0	0.0



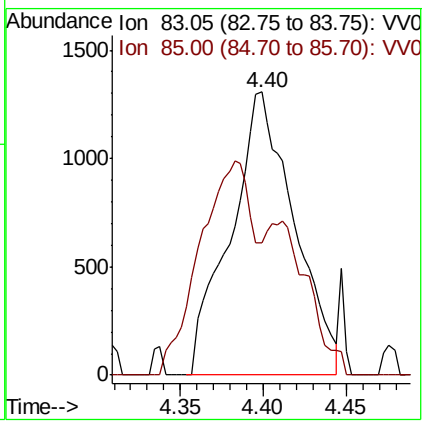


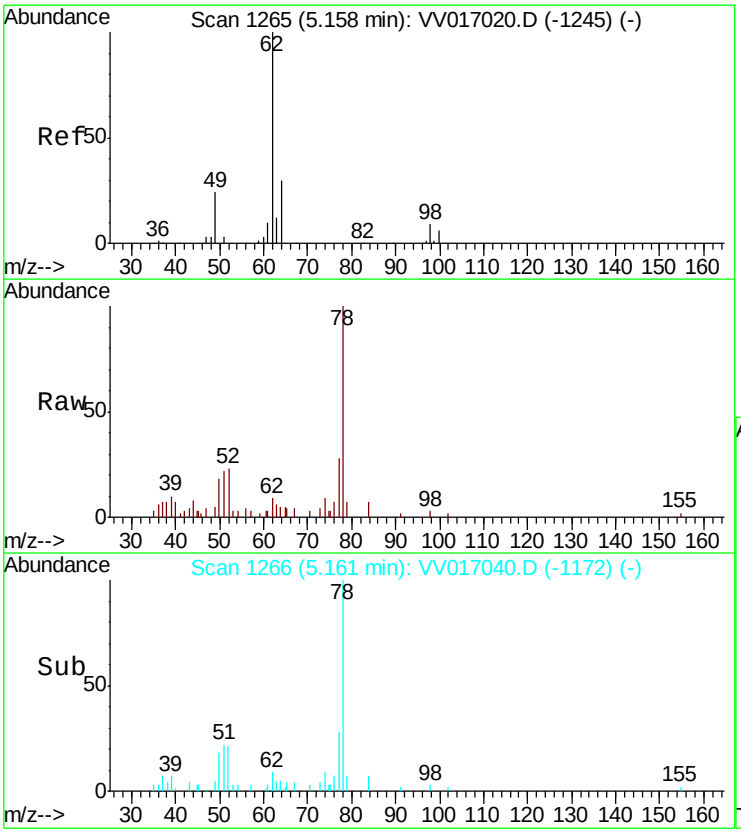
#25
Chloroform
Concen: 0.153 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 3487

Ion	Ratio	Lower	Upper
83	100		
85	46.6	44.2	82.2

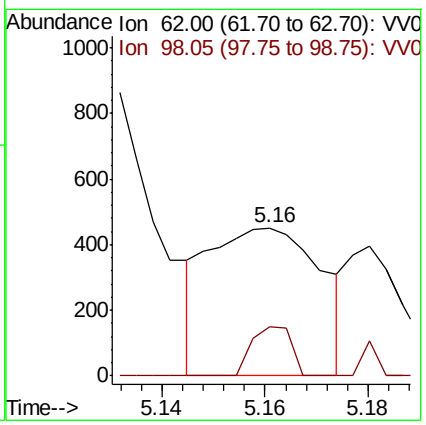


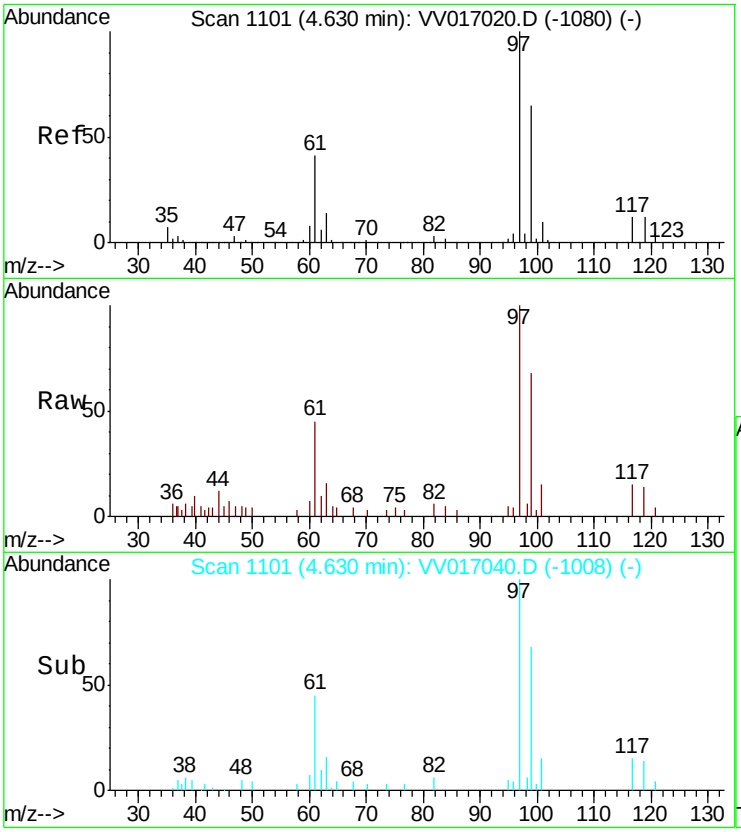


#27
1,2-Dichloroethane
Concen: 0.048 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 62 Resp: 682

Ion	Ratio	Lower	Upper
62	100		
98	33.3	6.7	10.1#



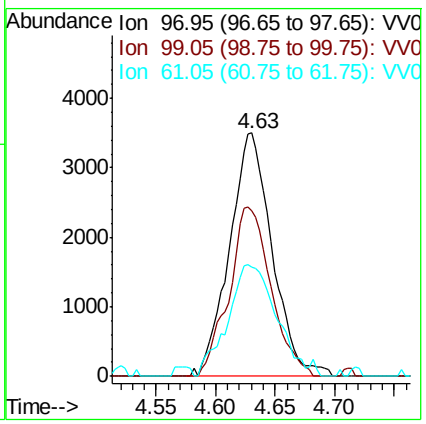


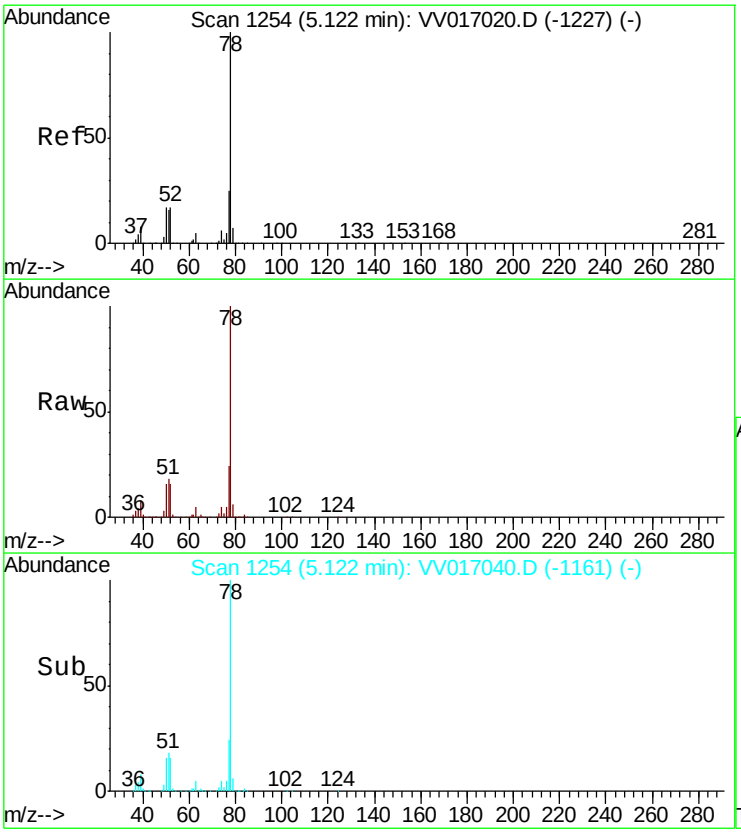
#29
1,1,1-Trichloroethane
Concen: 0.420 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 8695

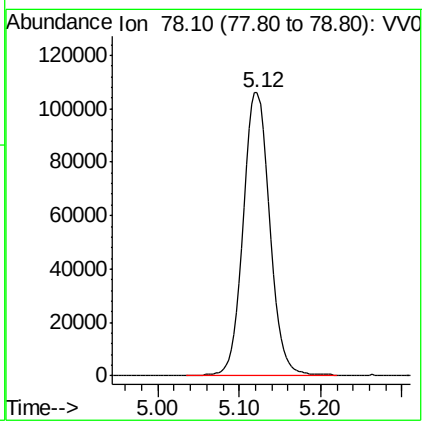
Ion	Ratio	Lower	Upper
97	100		
99	68.4	50.3	75.5
61	52.7	36.0	54.0

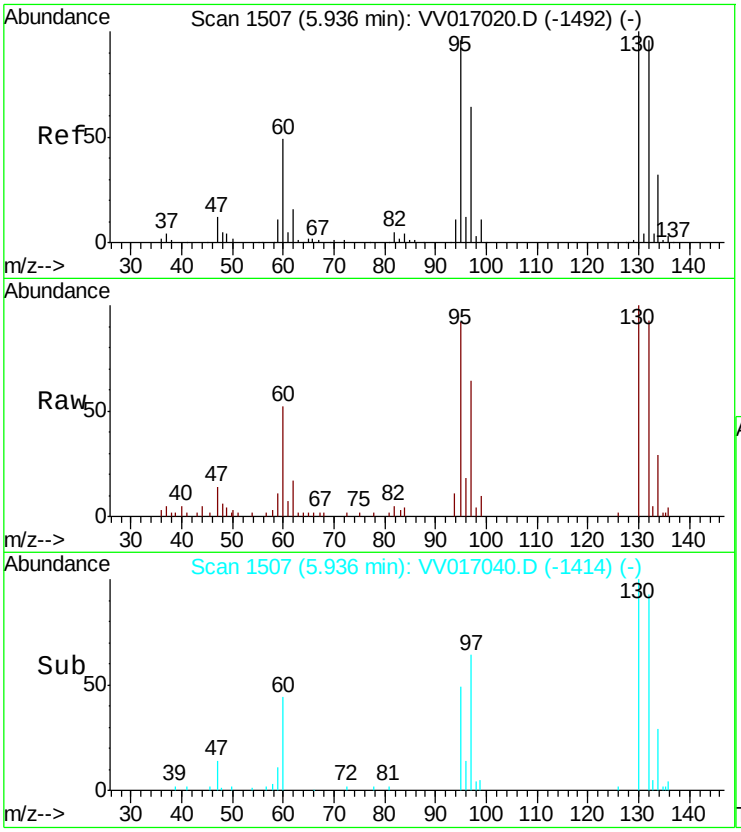




#33
Benzene
Concen: 5.261 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 78 Resp: 237932



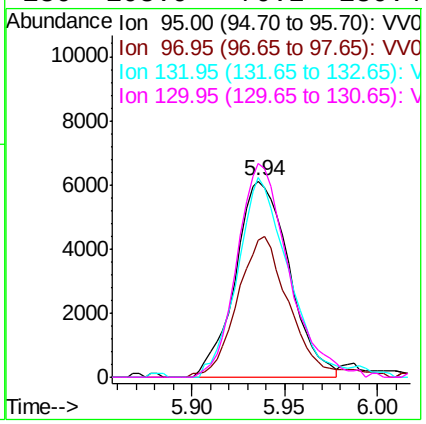


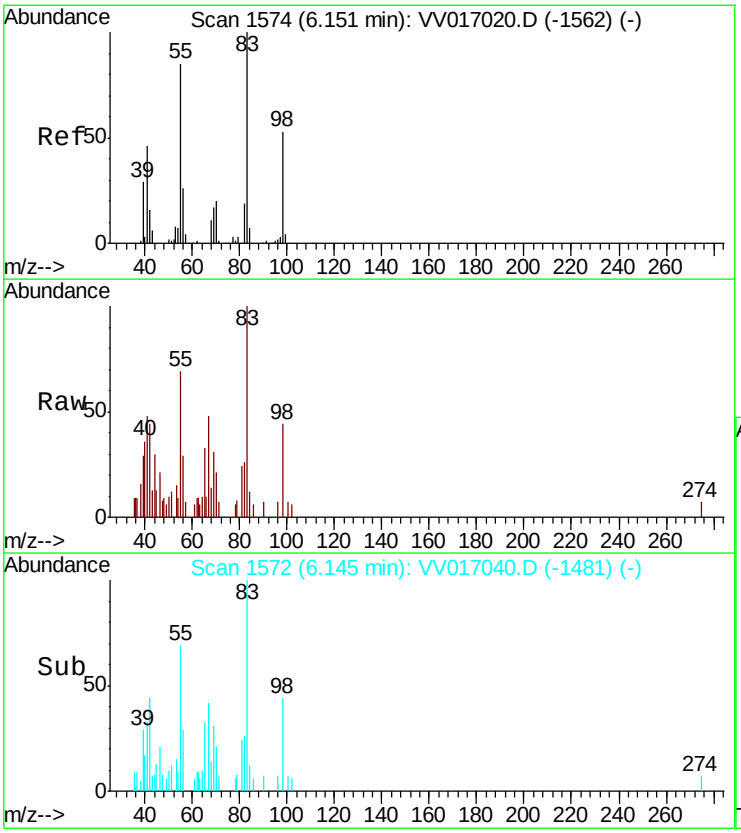
#34
Trichloroethene
Concen: 0.927 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 12272

Ion	Ratio	Lower	Upper
95	100		
97	69.8	45.3	84.1
132	101.7	68.8	127.8
130	108.9	70.2	130.4

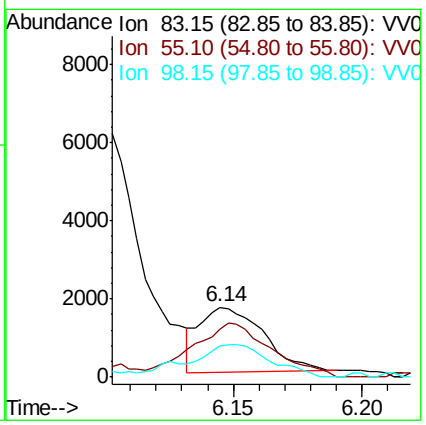


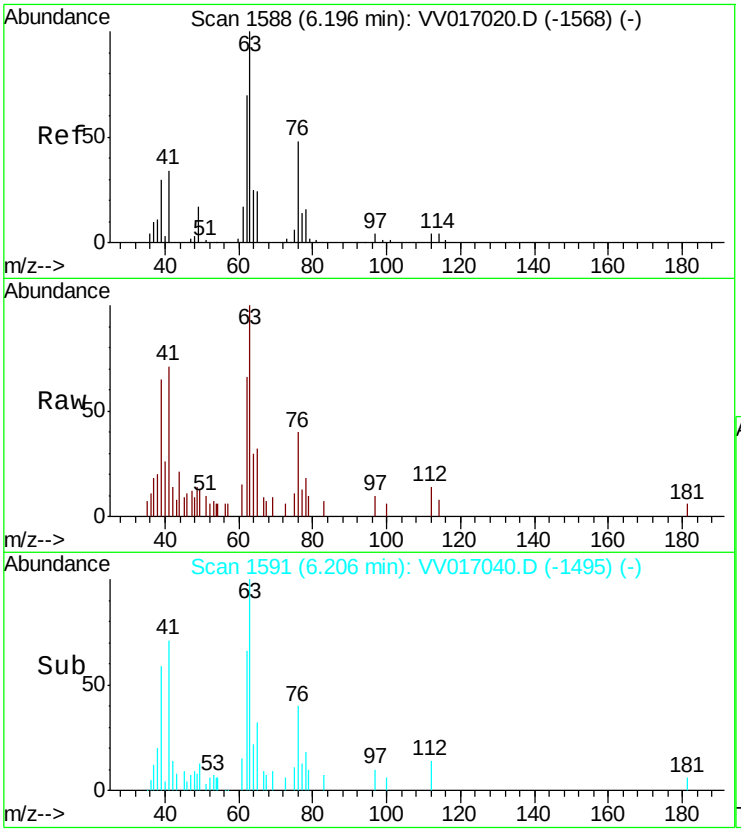


#35
Methylcyclohexane
Concen: 0.140 ug/L
RT: 6.14 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 83 Resp: 2884

Ion	Ratio	Lower	Upper
83	100		
55	101.9	63.6	95.4#
98	53.2	38.8	58.2



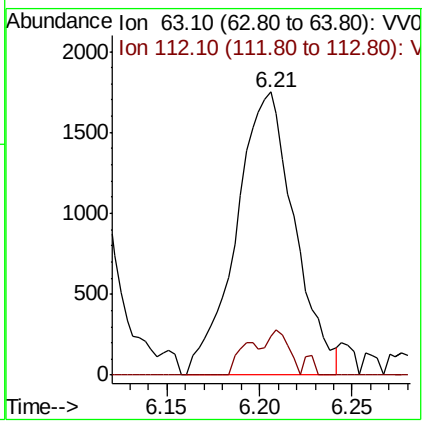


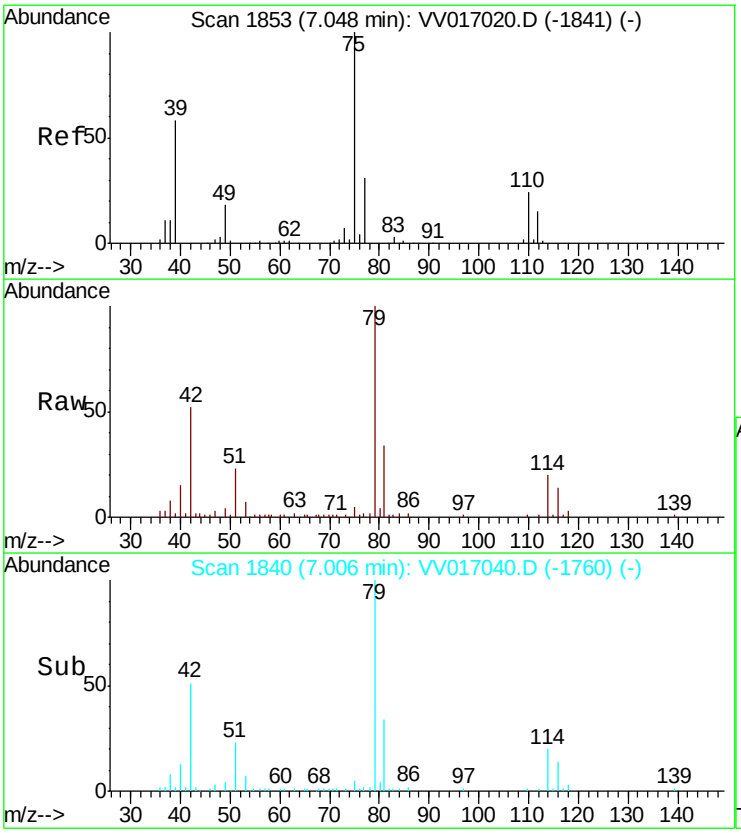
#37
1,2-Dichloropropane
Concen: 0.342 ug/L
RT: 6.21 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3833

Ion	Ratio	Lower	Upper
63	100		
112	6.2	4.4	6.6

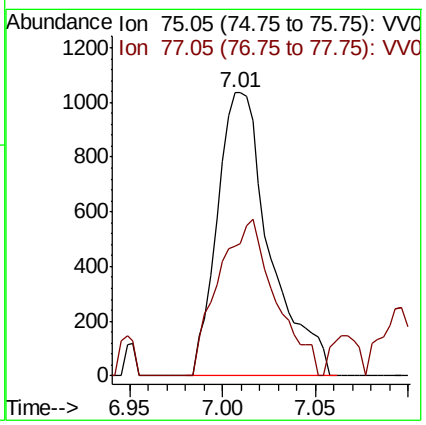


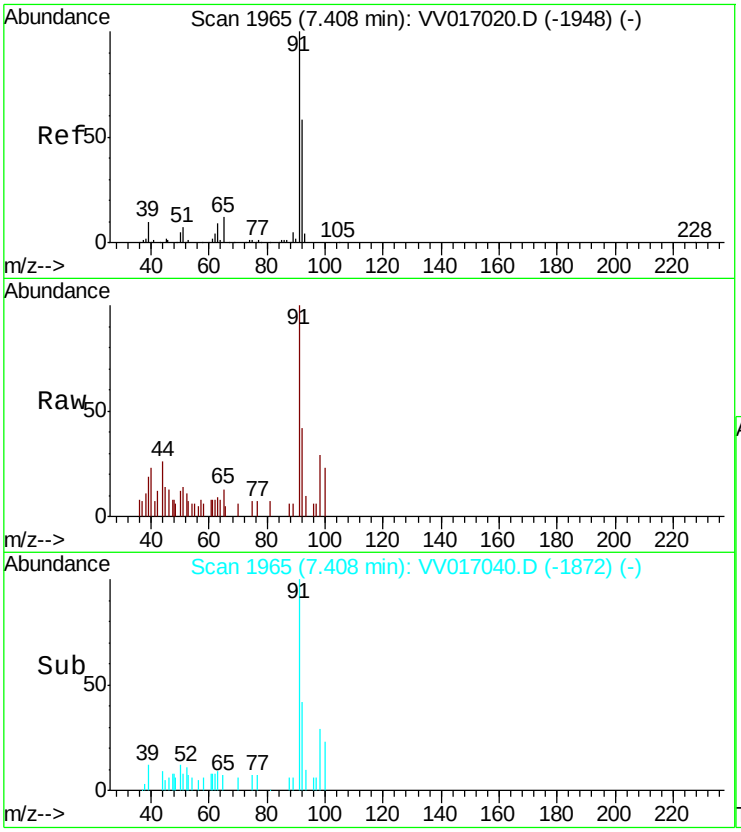


#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 75 Resp: 2041

Ion	Ratio	Lower	Upper
75	100		
77	45.7	22.3	41.5#



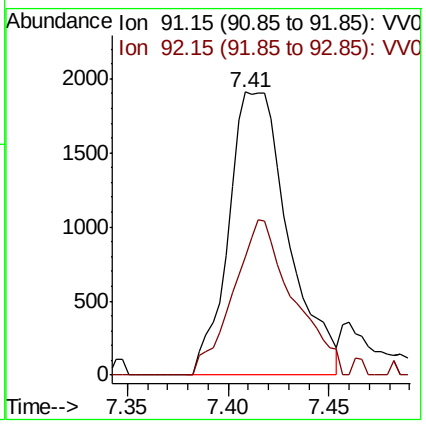


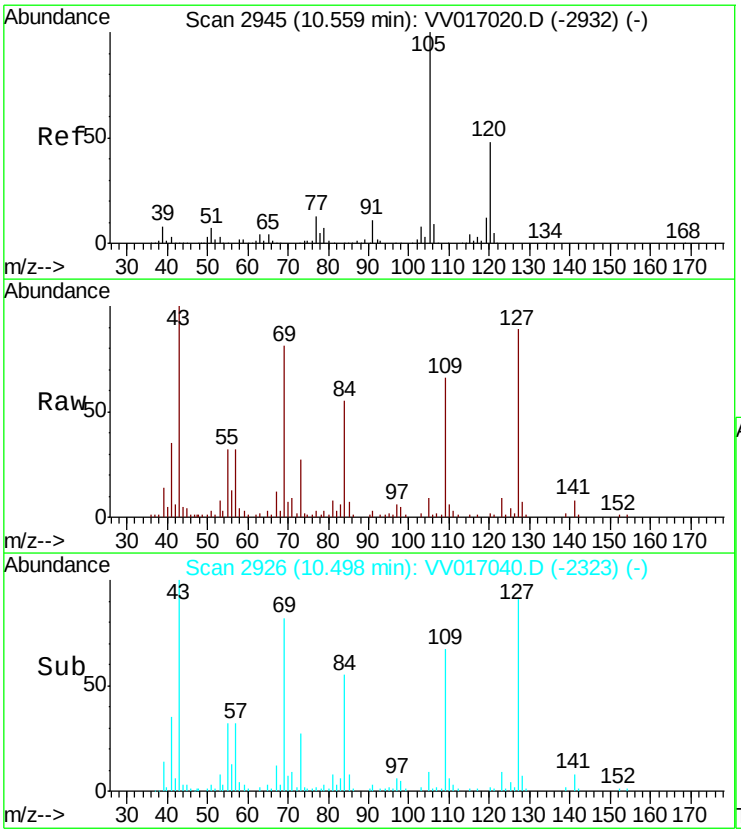
#42
Toluene
Concen: 0.076 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 3970

Ion	Ratio	Lower	Upper
91	100		
92	41.6	39.9	74.1

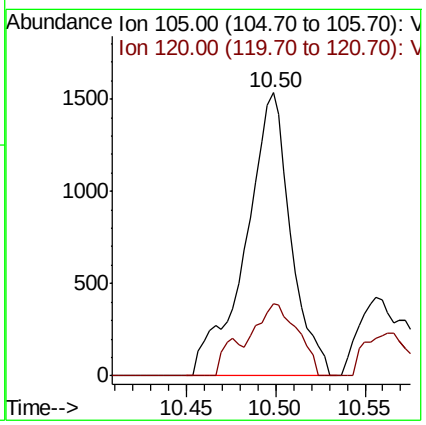


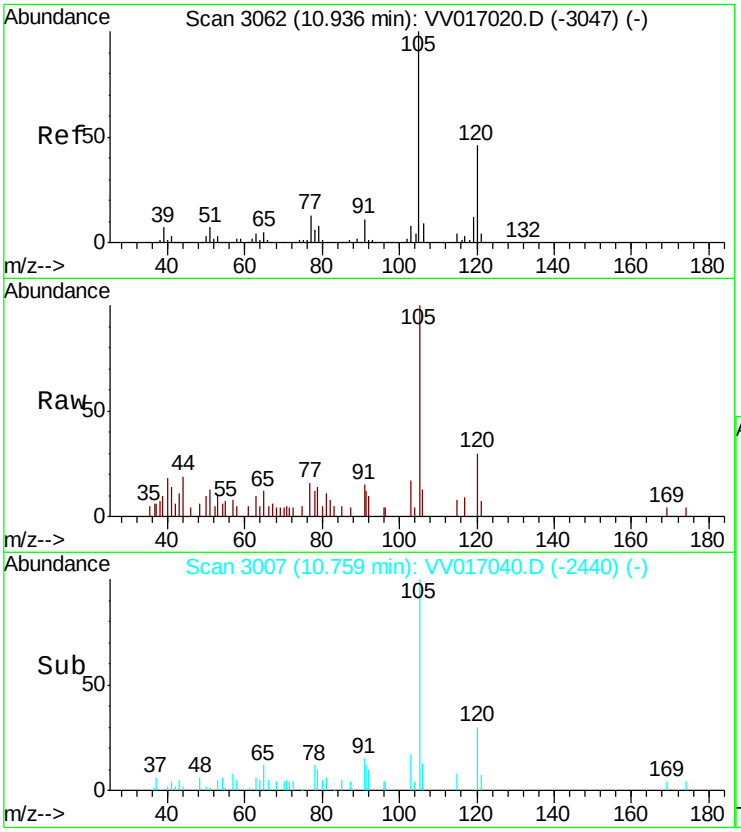


#43
1,3,5-Trimethylbenzene
Concen: 0.058 ug/L
RT: 10.50 min Scan# 2926
Delta R.T. -0.06 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion:105 Resp: 2715

Ion	Ratio	Lower	Upper
105	100		
120	23.2	38.6	57.8#



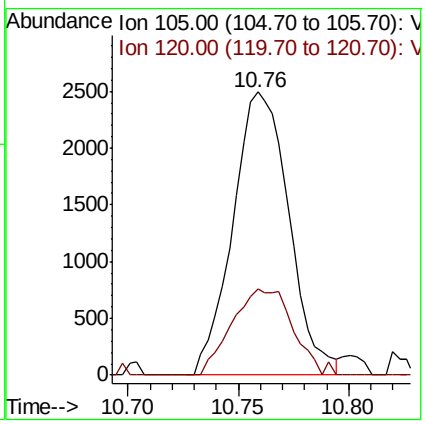


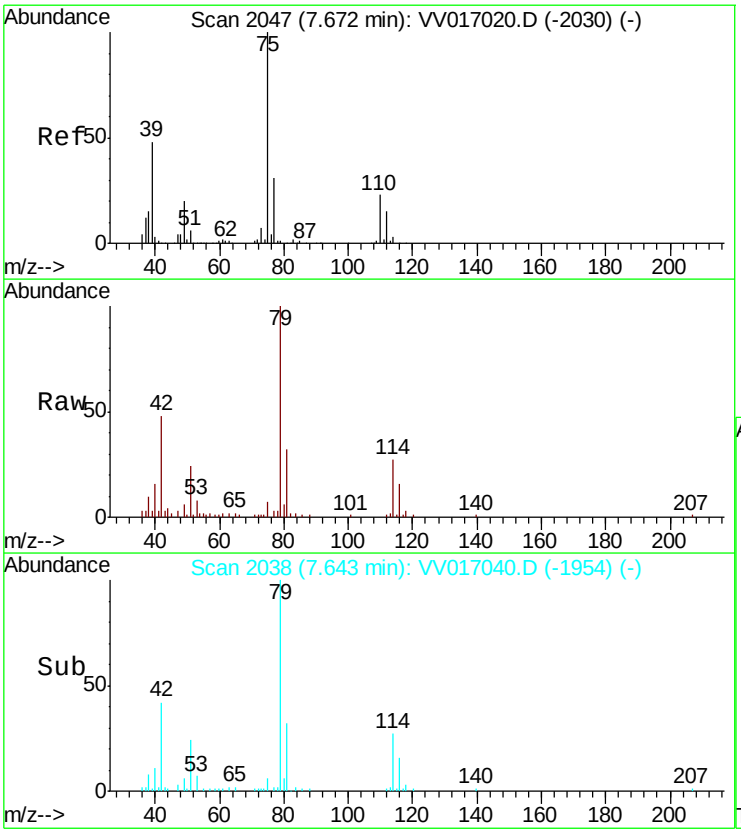
#44
1,2,4-Trimethylbenzene
Concen: 0.092 ug/L
RT: 10.76 min Scan# 3007
Delta R.T. -0.18 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4400

Ion	Ratio	Lower	Upper
105	100		
120	33.1	35.8	53.8#

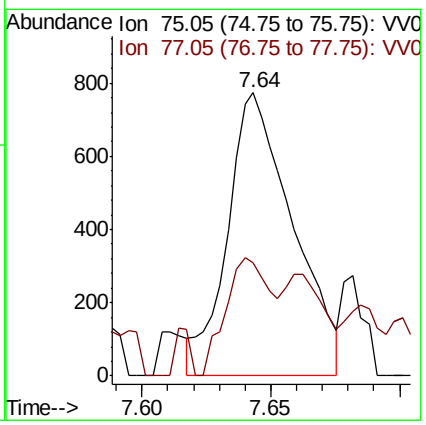


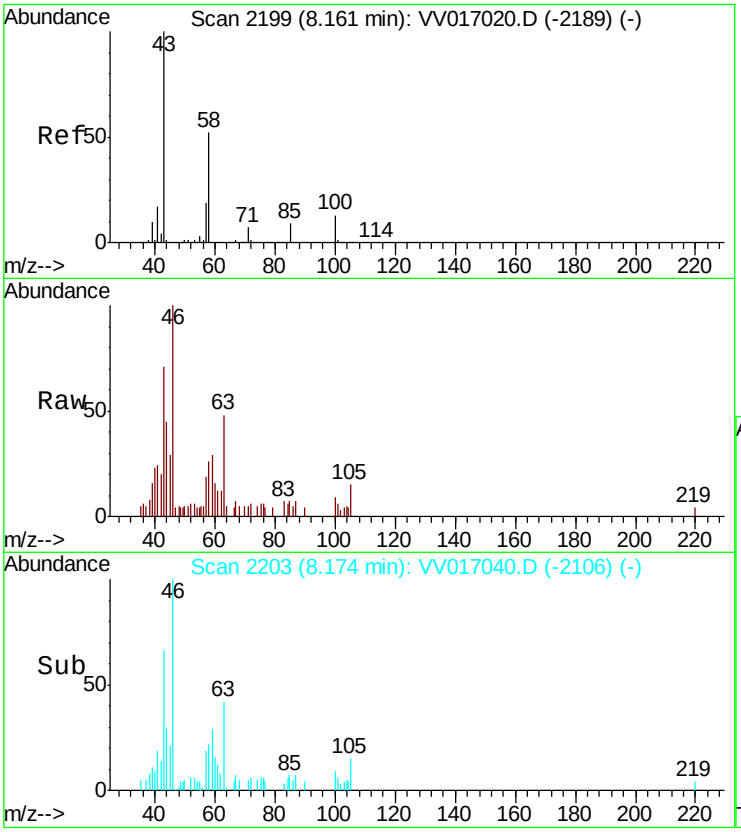


#46
trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion: 75 Resp: 1367

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.3	41.3



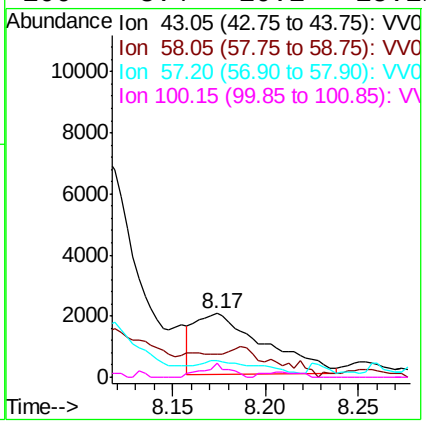


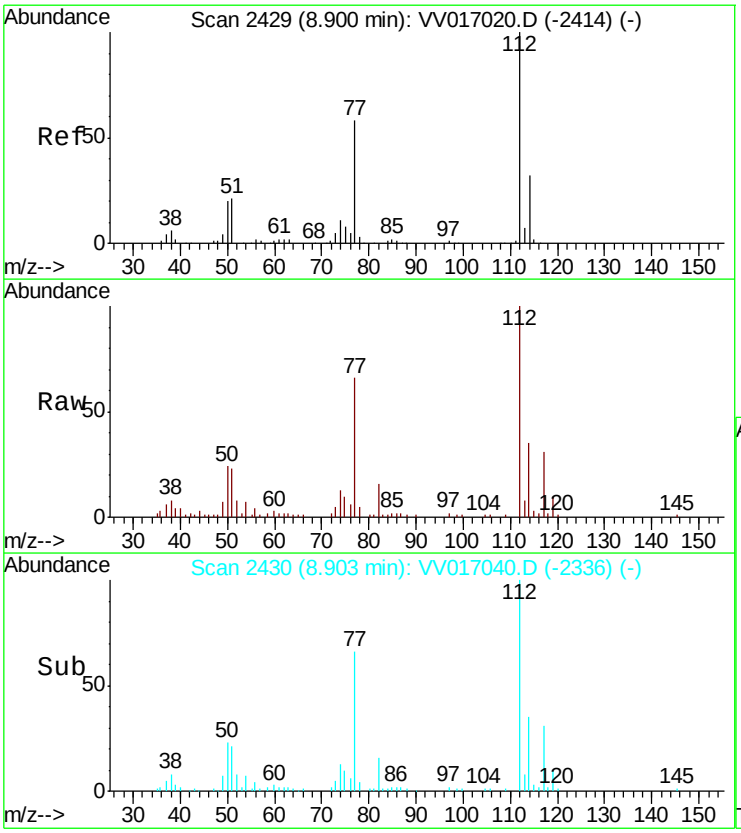
#50
2-Hexanone
Concen: 1.114 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 5125

Ion	Ratio	Lower	Upper
43	100		
58	28.1	41.6	62.4#
57	25.4	15.4	23.0#
100	8.4	10.1	15.1#

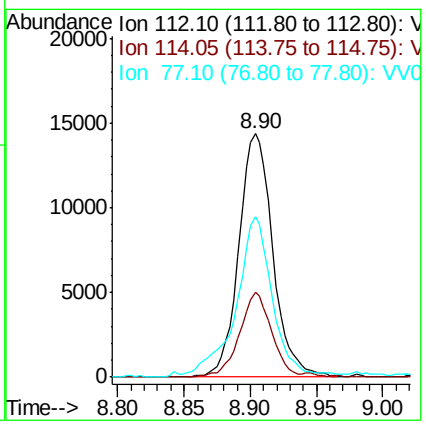


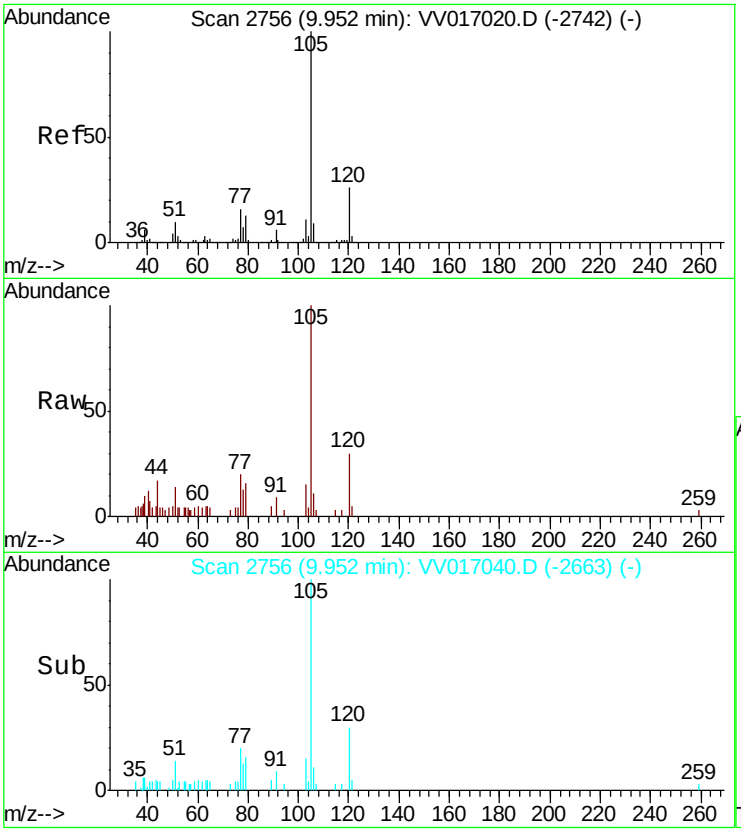


#53
Chlorobenzene
Concen: 0.783 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion:112 Resp: 25655

Ion	Ratio	Lower	Upper
112	100		
114	34.8	22.0	41.0
77	65.9	46.0	69.0



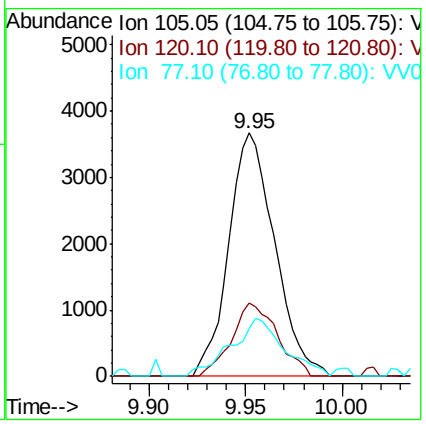


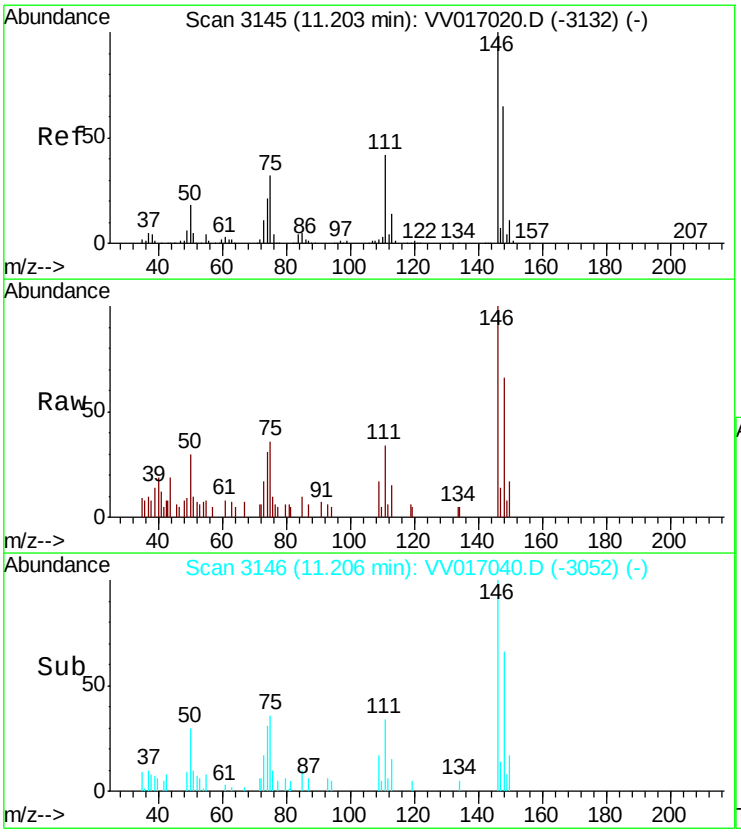
#58
Isopropylbenzene
Concen: 0.107 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6076

Ion	Ratio	Lower	Upper
105	100		
120	29.8	21.2	31.8
77	27.6	13.0	19.4#

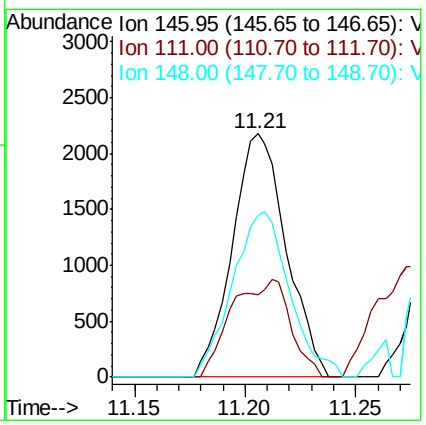


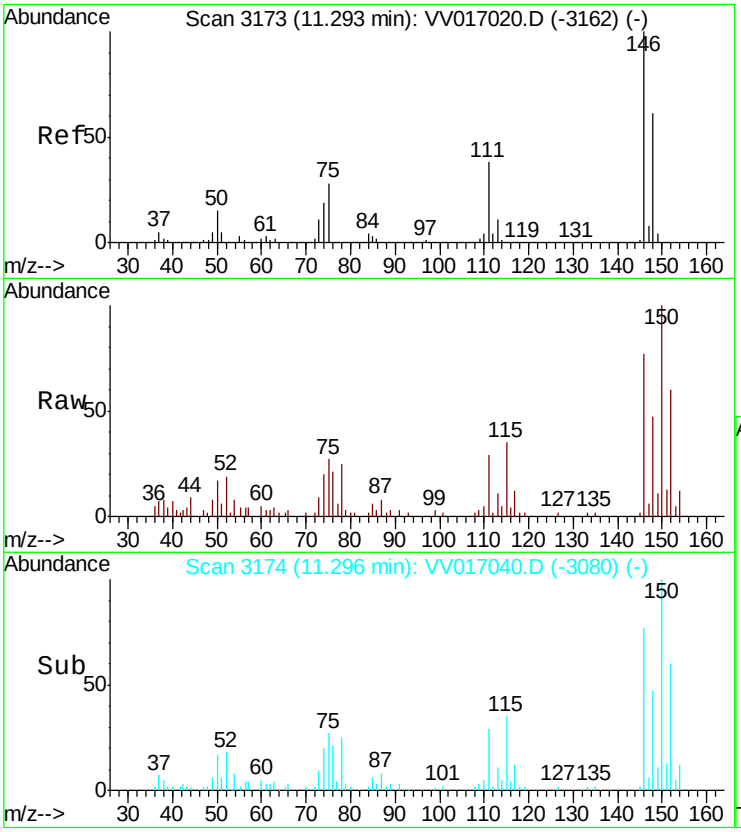


#63
1,3-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion:146 Resp: 3698

Ion	Ratio	Lower	Upper
146	100		
111	39.6	29.2	54.2
148	66.4	44.9	83.5



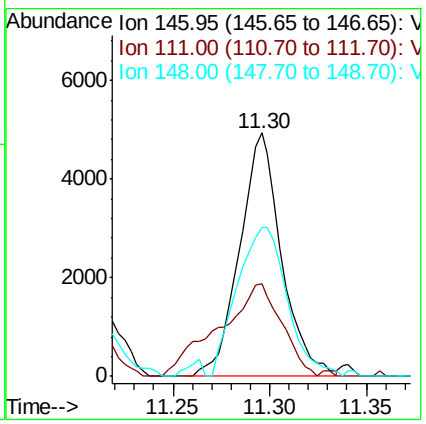


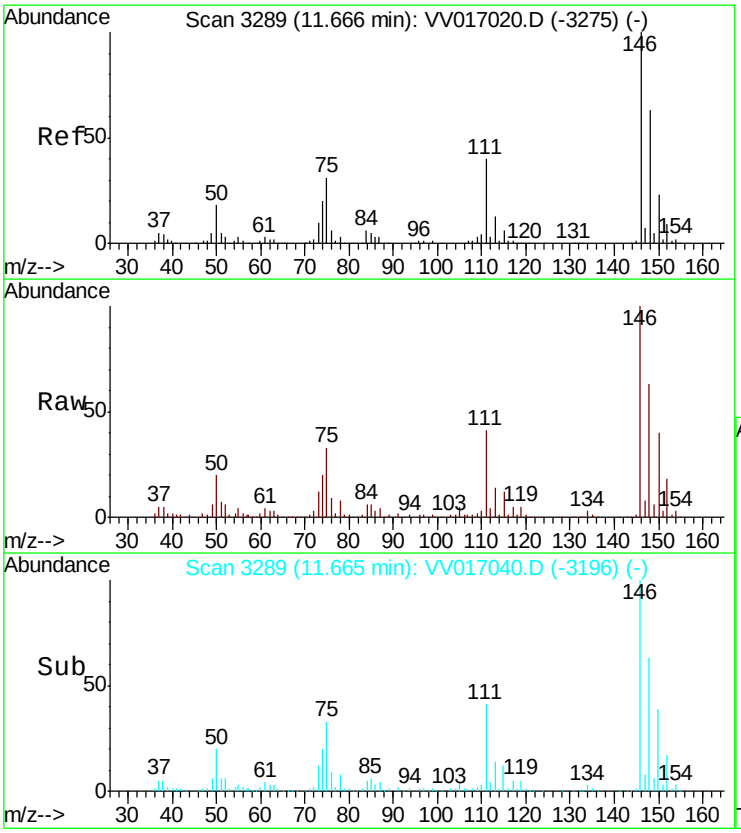
#64
1,4-Dichlorobenzene
Concen: 0.282 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 7431

Ion	Ratio	Lower	Upper
146	100		
111	37.8	27.4	50.8
148	61.2	44.3	82.3





#66
1,2-Dichlorobenzene
Concen: 3.483 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV017040.D
Acq: 23 Jun 2020 00:33

Tgt Ion:146 Resp: 81891

Ion	Ratio	Lower	Upper
146	100		
111	41.3	34.4	51.6
148	63.4	49.9	74.9