Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016132.D
Acq On : 20 May 2020 15:29
Operator : SY/MD
Sample : L2725-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 21 01:40:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	149099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147466	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73331	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33849	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.58	69	35152	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	2.13	63	64287	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	3.92	46	121143	52.50	ug/L	-0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.00%			
24) Chloroform-d	4.38	84	63927	3.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.40%			
26) 1,2-Dichloroethane-d4	5.06	65	48409	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.08	84	161481	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.10	67	52105	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.34	98	141306	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
45) trans-1,3-Dichloropropene-	7.65	79	16772	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
48) 2-Hexanone-d5	8.12	63	92406	50.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.08%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38814	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	57056	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	216538	19.577	ug/L	100
8) Chloroethane	1.60	64	3295	0.418	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	636	0.074	ug/L #	24
12) 1,1-Dichloroethene	2.14	96	14553	1.774	ug/L #	57
18) trans-1,2-Dichloroethene	2.78	96	95055	10.483	ug/L	99
19) 1,1-Dichloroethane	3.22	63	2942	0.168	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	1307635	137.757	ug/L	99
25) Chloroform	4.41	83	26367	1.371	ug/L	97
27) 1,2-Dichloroethane	5.16	62	203483	17.218	ug/L	99
33) Benzene	5.13	78	53342	1.438	ug/L	100
34) Trichloroethene	5.94	95	742734	70.138	ug/L	96
42) Toluene	7.41	91	4275	0.109	ug/L	97
46) trans-1,3-Dichloropropene	7.39	75	1702	0.151	ug/L	93
47) 1,1,2-Trichloroethane	7.86	97	104172	16.549	ug/L	97
49) Tetrachloroethene	8.00	164	3991	0.540	ug/L	93
50) 2-Hexanone	8.12	43	15599	3.755	ug/L #	74
51) Dibromochloromethane	8.00	129	4168	0.589	ug/L #	9

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016132.D
Acq On : 20 May 2020 15:29
Operator : SY/MD
Sample : L2725-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 21 01:40:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Chlorobenzene	8.90	112	73601	2.910	ug/L		95
56) o-xylene	9.57	106	9210	0.582	ug/L		85
60) 1,1,2,2-Tetrachloroethane	10.26	83	41287	6.138	ug/L		99
63) 1,3-Dichlorobenzene	11.21	146	6071	0.307	ug/L		94
64) 1,4-Dichlorobenzene	11.30	146	33331	1.679	ug/L		98
66) 1,2-Dichlorobenzene	11.67	146	133824	7.484	ug/L		98
70) Naphthalene	13.53	128	2452	0.124	ug/L	#	94

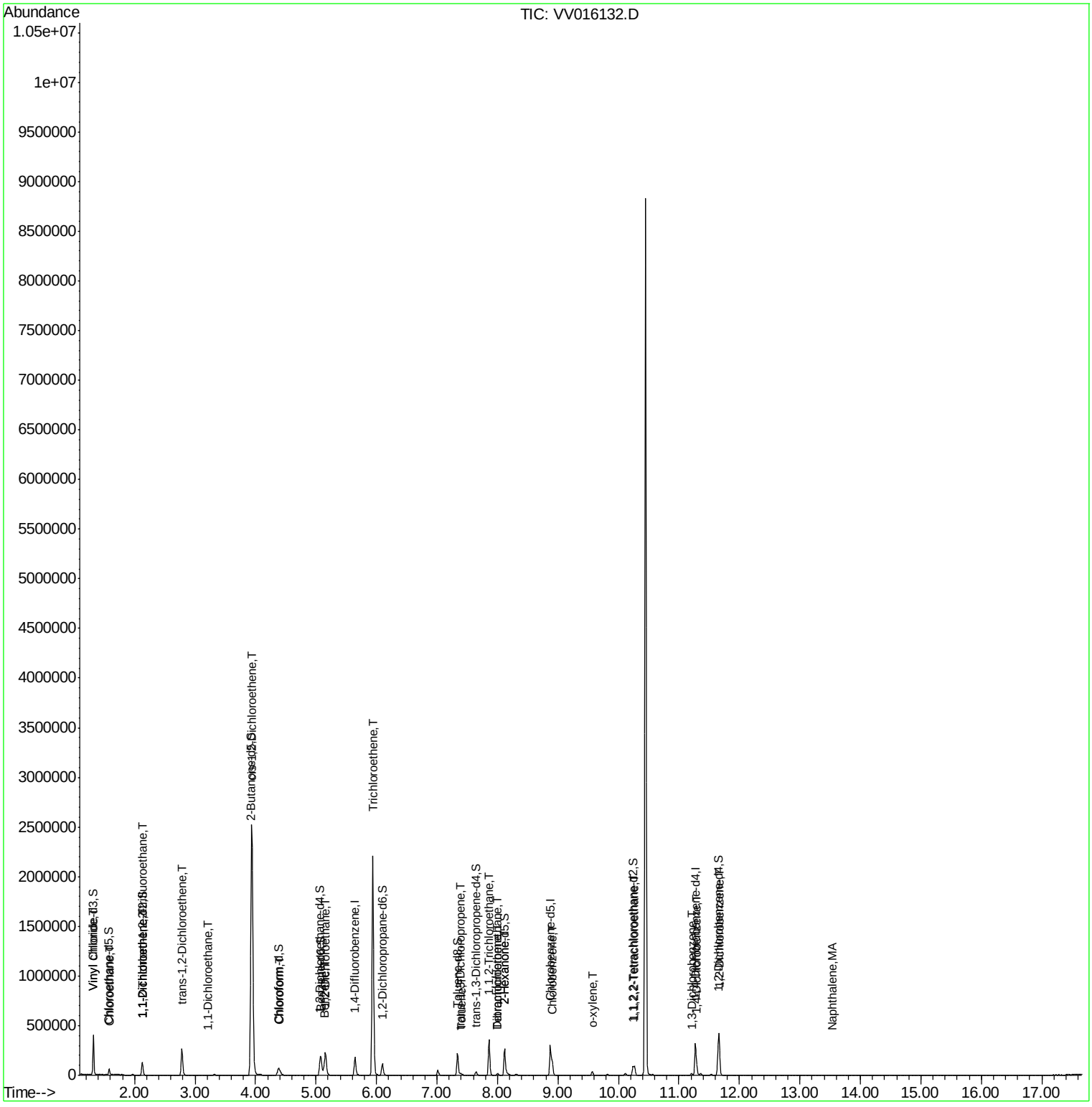
(#) = qualifier out of range (m) = manual integration (+) = signals summed

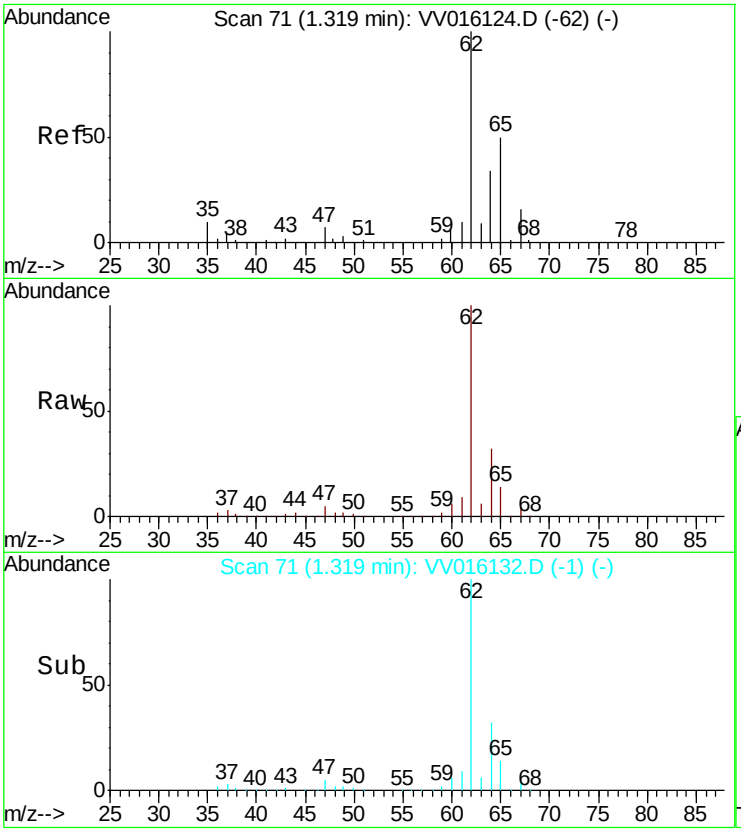
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016132.D
Acq On : 20 May 2020 15:29
Operator : SY/MD
Sample : L2725-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 21 01:40:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration



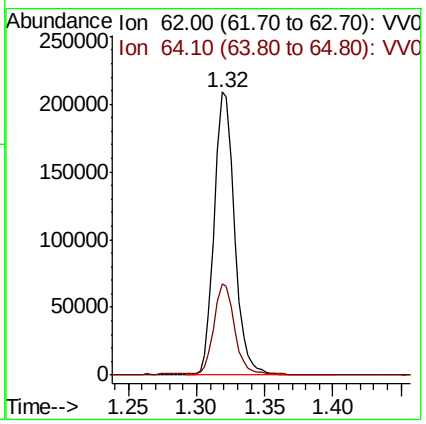


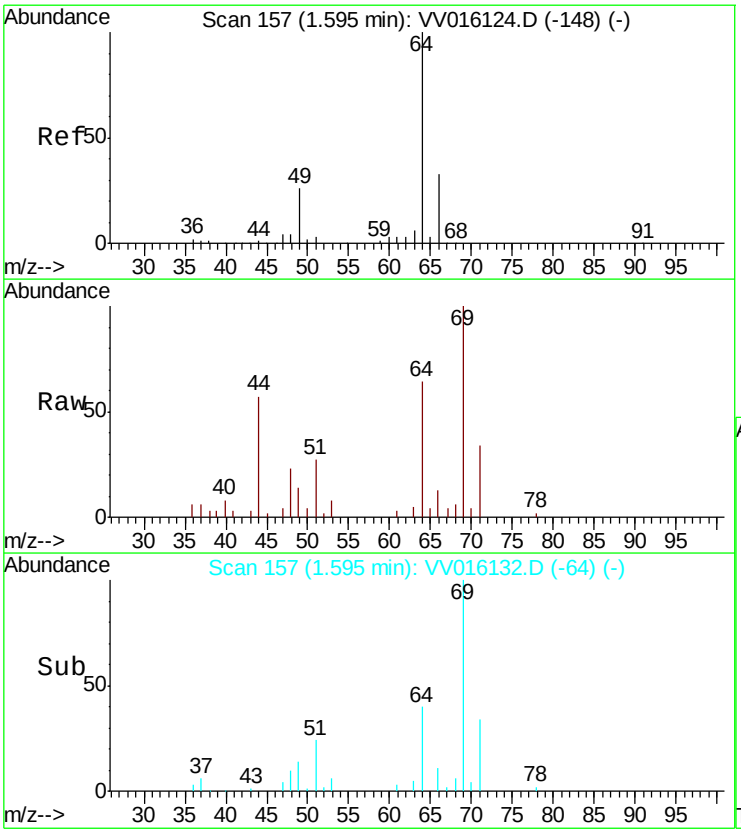
#5
Vinyl chloride
Concen: 19.577 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 216538

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.4	41.6

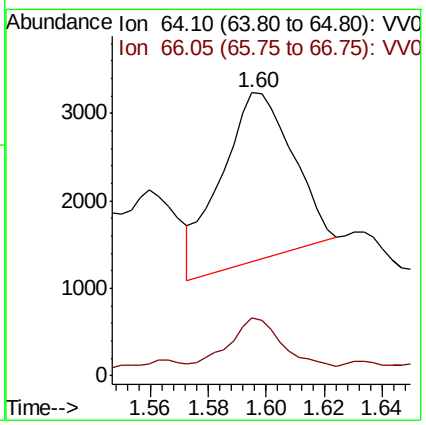


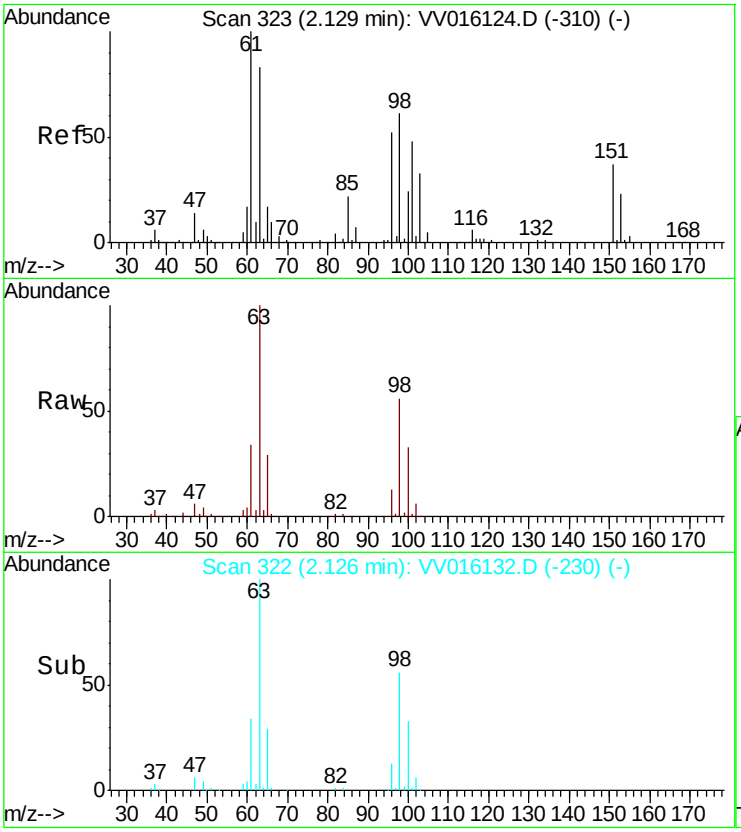


#8
Chloroethane
Concen: 0.418 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 64 Resp: 3295

Ion	Ratio	Lower	Upper
64	100		
66	20.4	23.6	43.8#



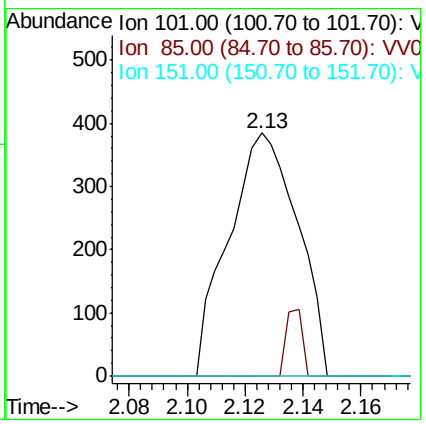


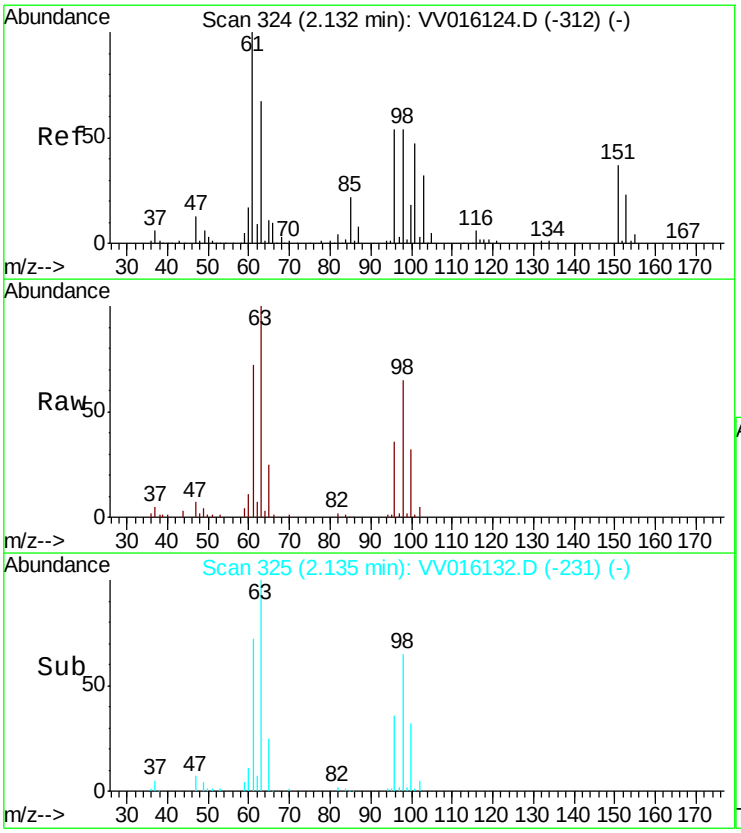
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 636

Ion	Ratio	Lower	Upper
101	100		
85	6.3	35.7	53.5#
151	0.0	58.0	87.0#

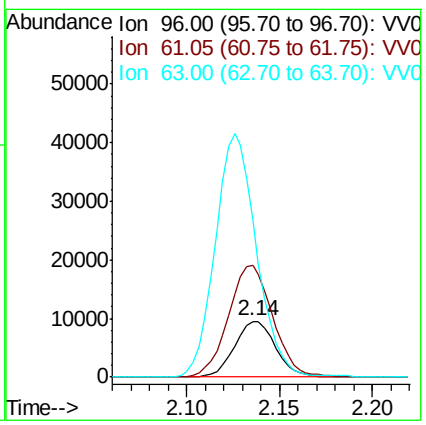


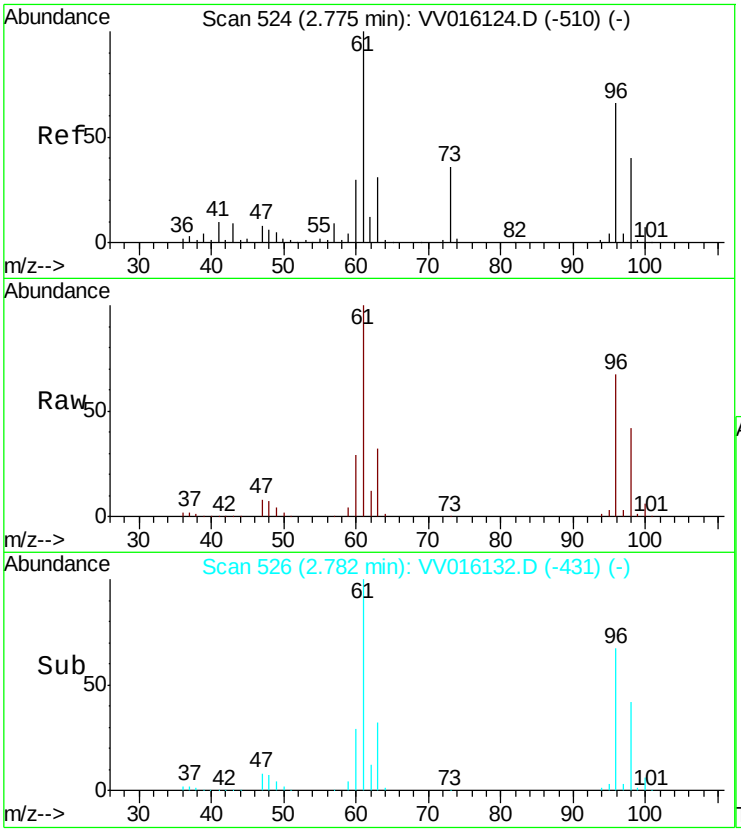


#12
1,1-Dichloroethene
Concen: 1.774 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 96 Resp: 14553

Ion	Ratio	Lower	Upper
96	100		
61	199.7	139.9	259.7
63	278.7	106.4	197.6#



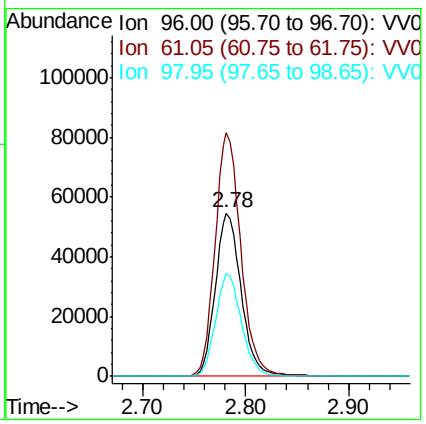


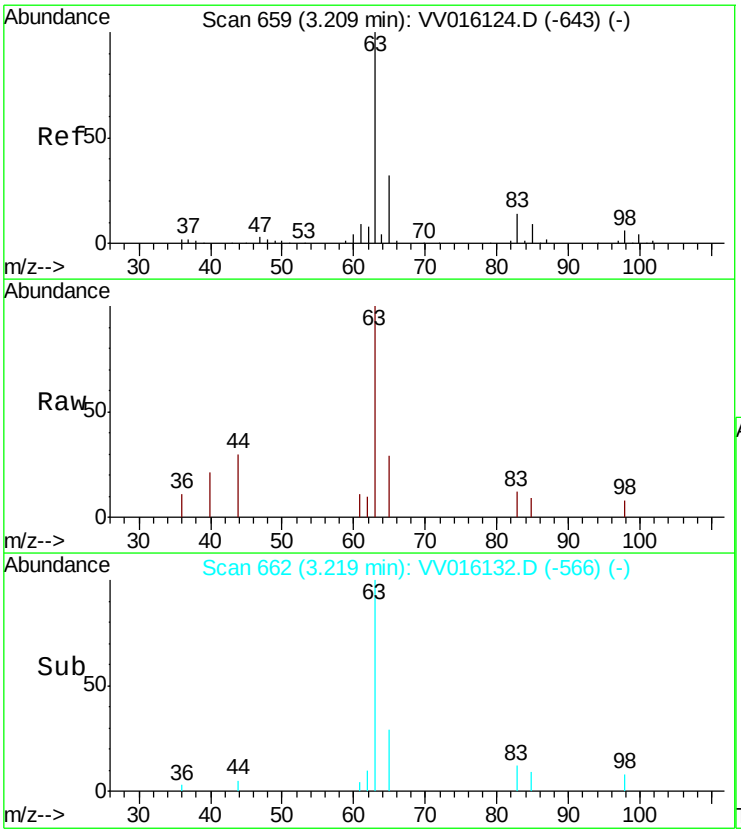
#18
trans-1,2-Dichloroethene
Concen: 10.483 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 95055

Ion	Ratio	Lower	Upper
96	100		
61	149.0	105.3	195.5
98	62.6	44.0	81.6

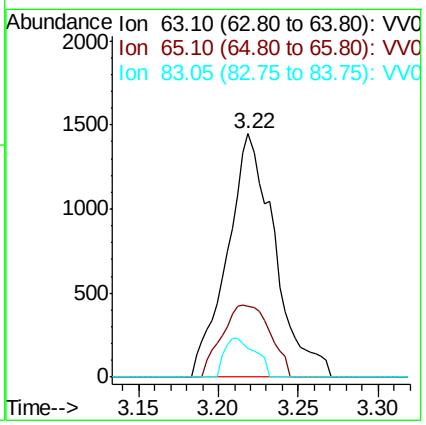


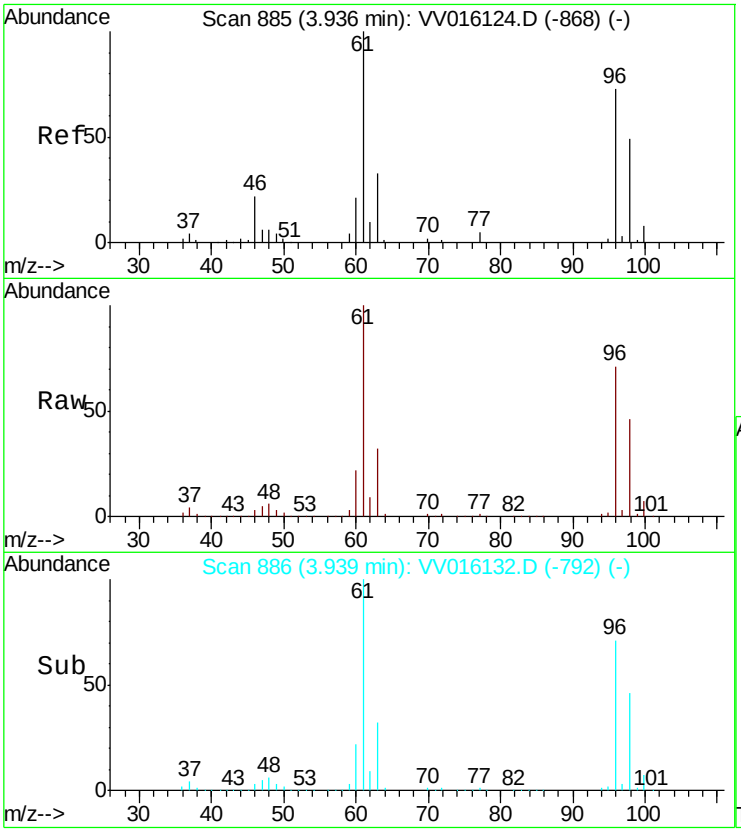


#19
1,1-Dichloroethane
Concen: 0.168 ug/L
RT: 3.22 min Scan# 662
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 63 Resp: 2942

Ion	Ratio	Lower	Upper
63	100		
65	29.3	22.0	41.0
83	11.8	9.8	18.2



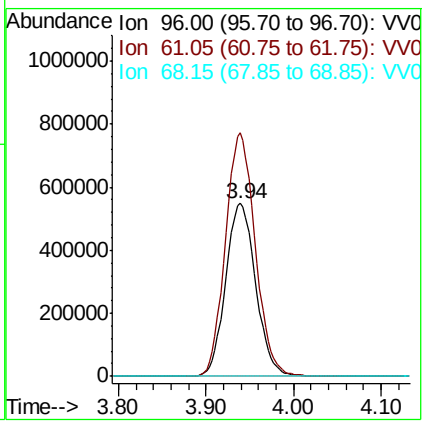


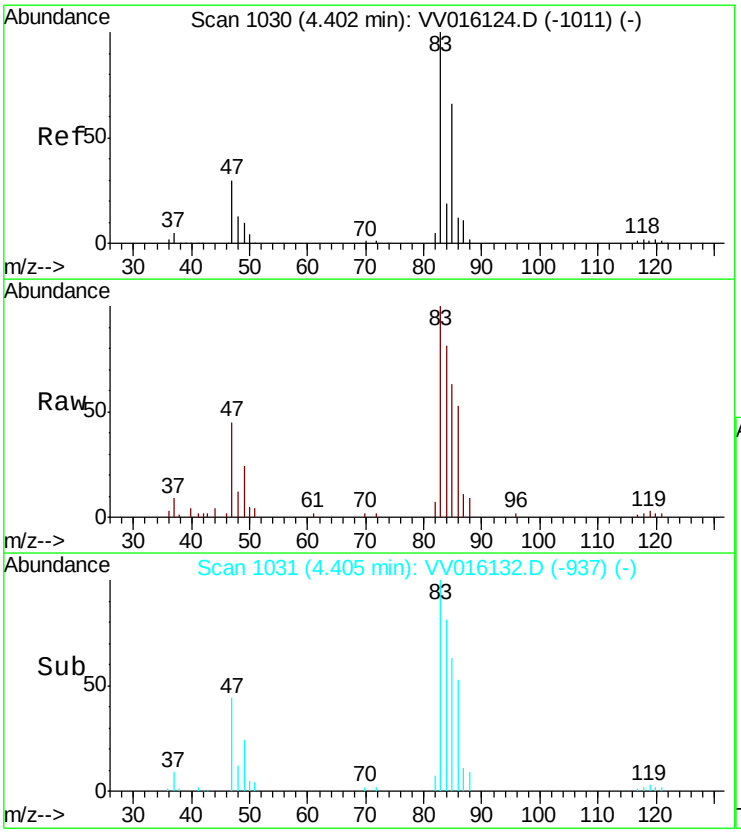
#22
cis-1,2-Dichloroethene
Concen: 137.757 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1307635

Ion	Ratio	Lower	Upper
96	100		
61	140.7	97.2	180.6
68	0.0	0.0	0.0

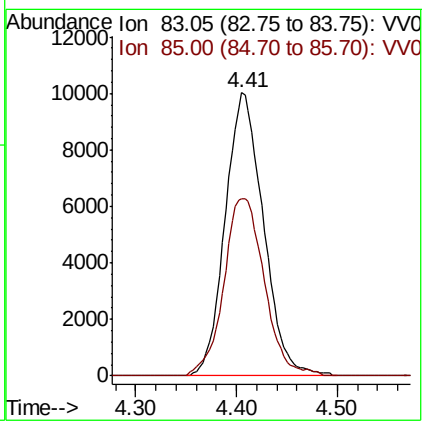


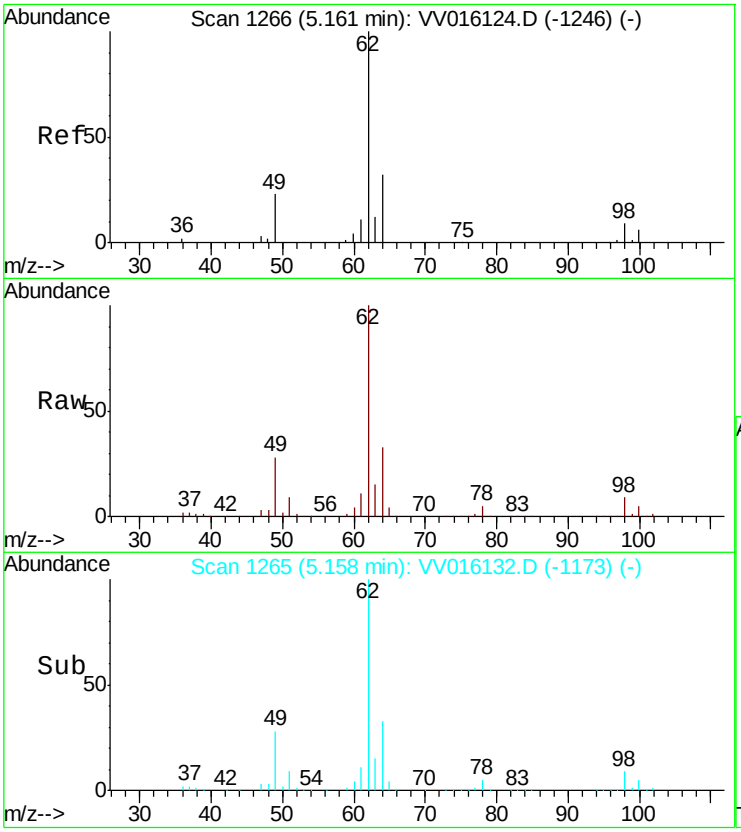


#25
Chloroform
Concen: 1.371 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 83 Resp: 26367

Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.7	84.9



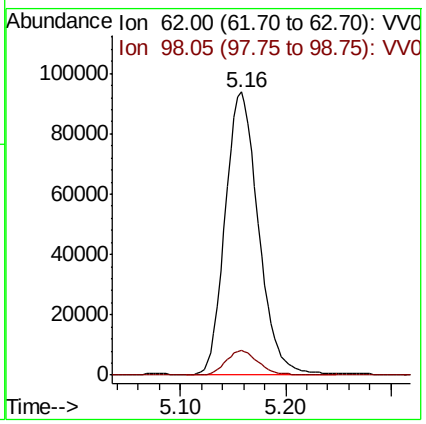


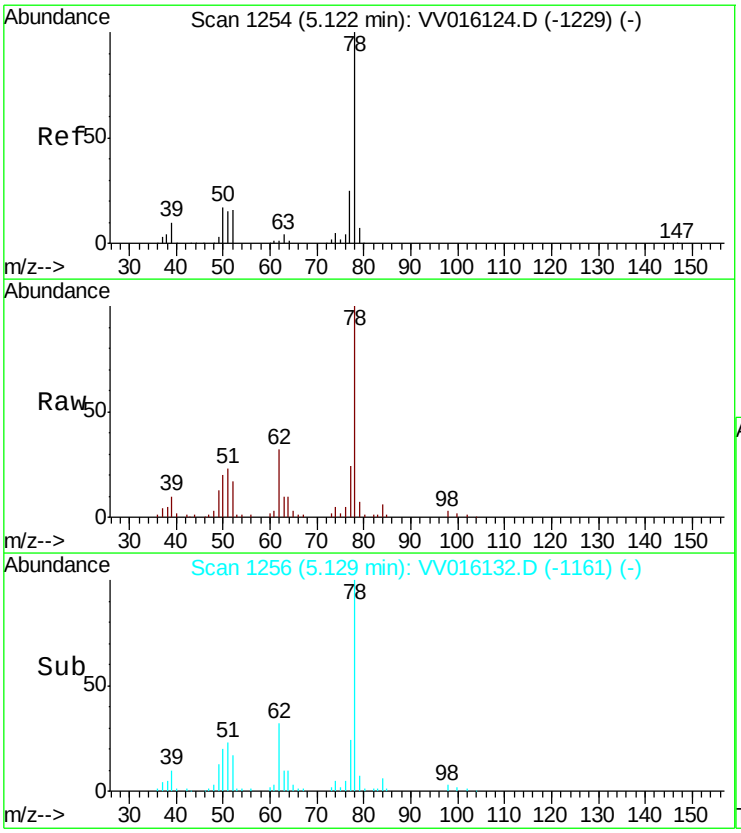
#27
1,2-Dichloroethane
Concen: 17.218 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 203483

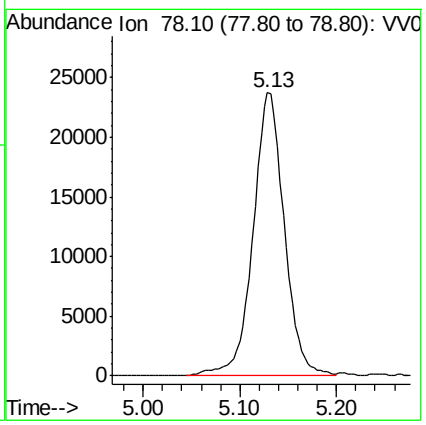
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.7	10.1

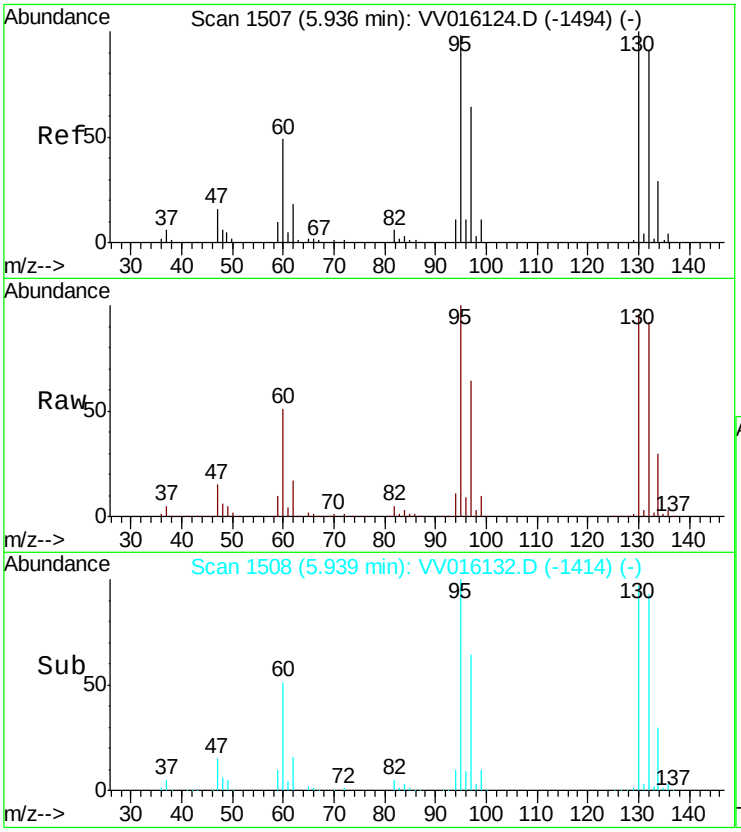




#33
Benzene
Concen: 1.438 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 78 Resp: 53342



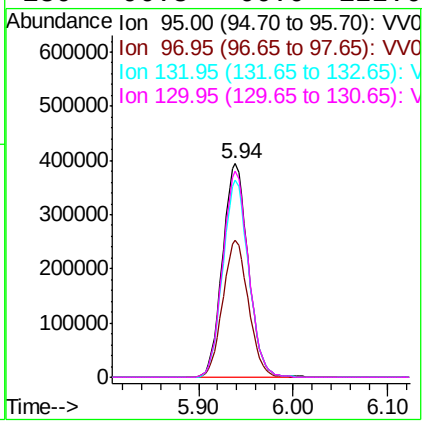


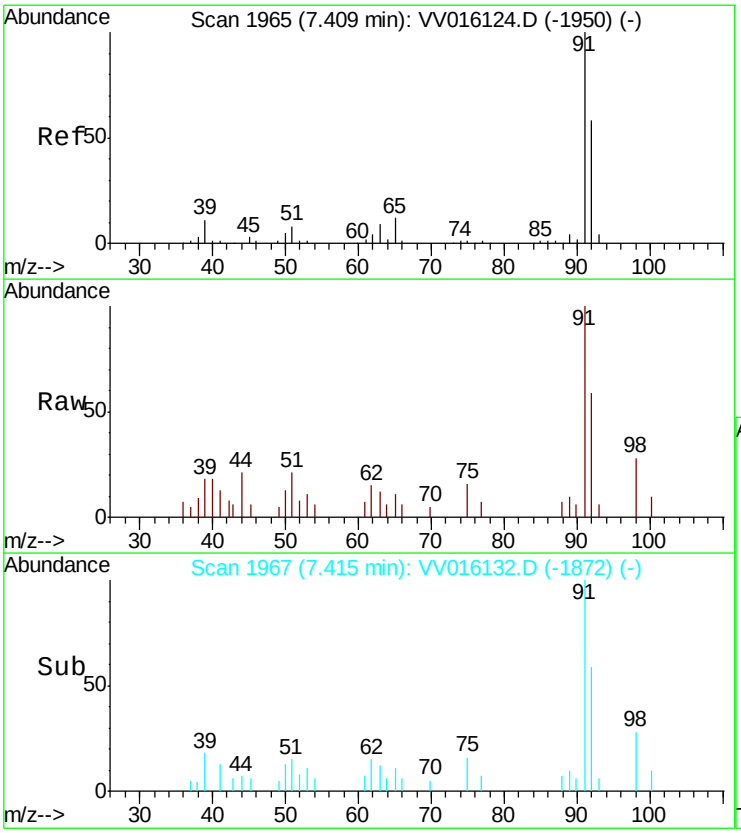
#34
Trichloroethene
Concen: 70.138 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 742734

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.3	80.5
132	92.2	60.3	112.1
130	96.3	66.0	122.6

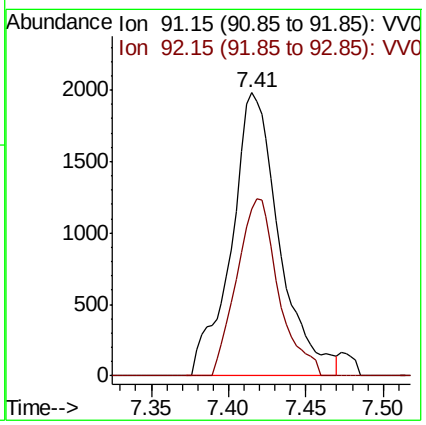


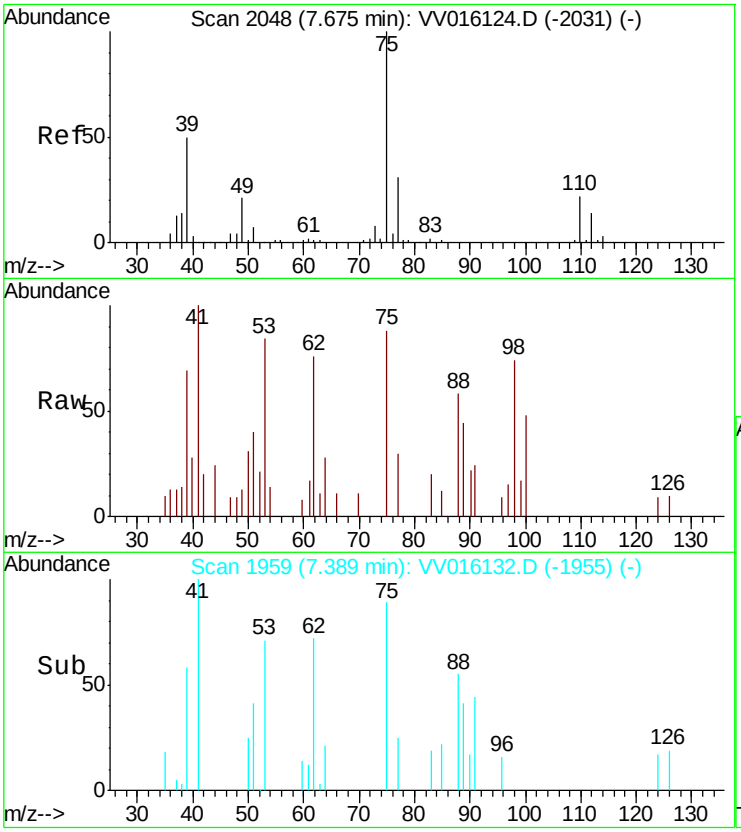


#42
Toluene
Concen: 0.109 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 91 Resp: 4275

Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.1	74.5



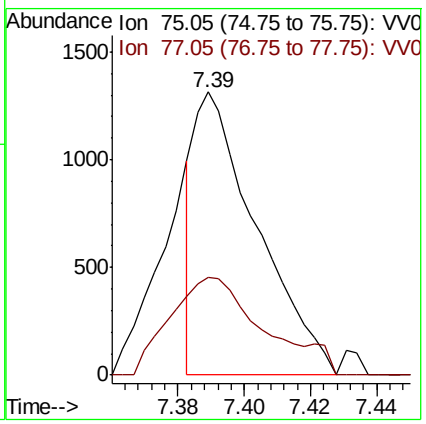


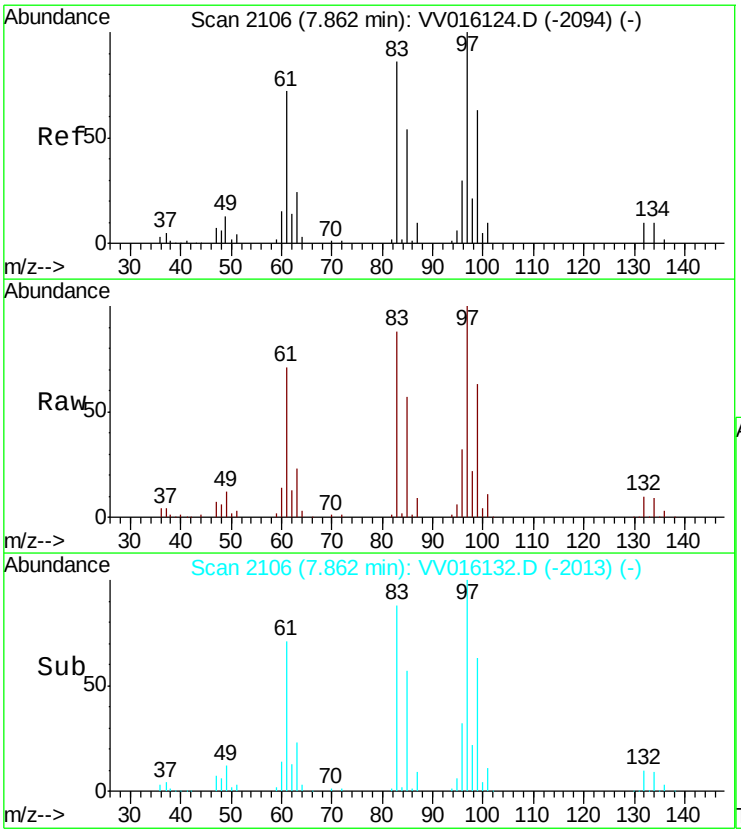
#46
trans-1,3-Dichloropropene
Concen: 0.151 ug/L
RT: 7.39 min Scan# 1959
Delta R.T. -0.29 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1702

Ion	Ratio	Lower	Upper
75	100		
77	34.5	21.3	39.6

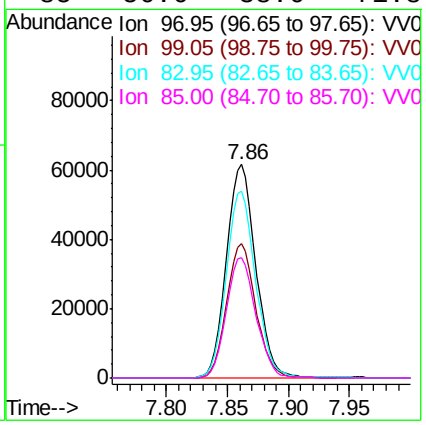


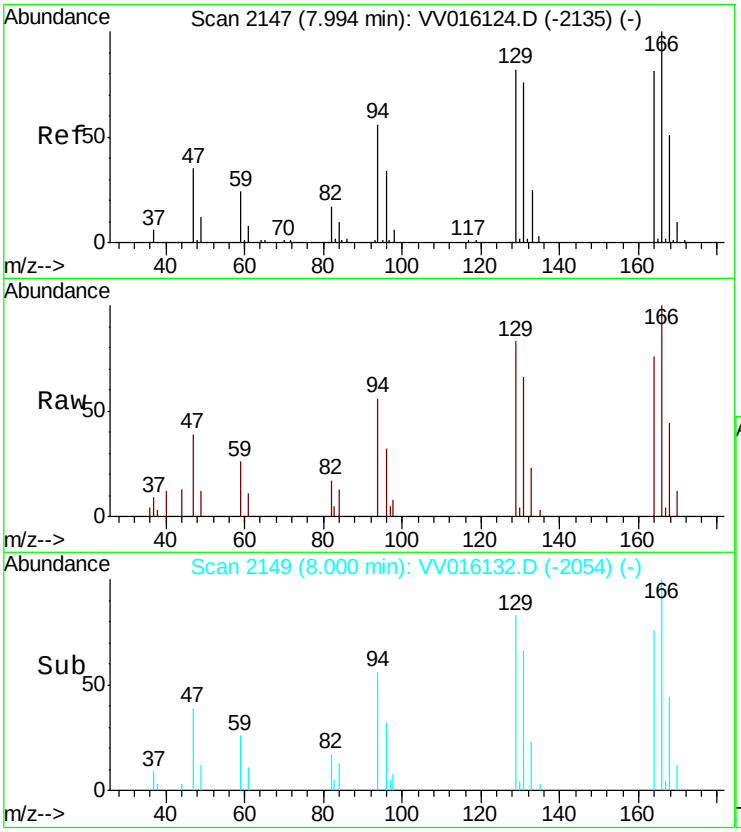


#47
1,1,2-Trichloroethane
Concen: 16.549 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 97 Resp: 104172

Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.1	78.1
83	87.7	59.2	110.0
85	56.6	38.6	71.8



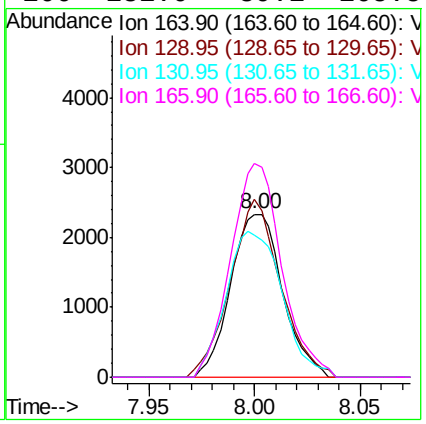


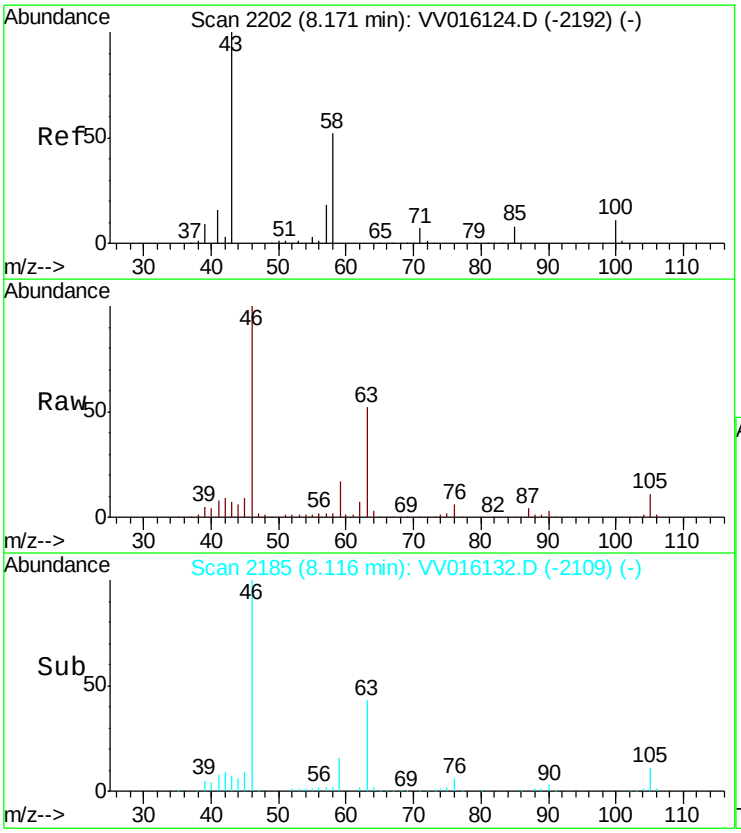
#49
Tetrachloroethene
Concen: 0.540 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 3991

Ion	Ratio	Lower	Upper
164	100		
129	109.4	69.7	129.4
131	87.0	66.8	124.2
166	131.0	89.1	165.5

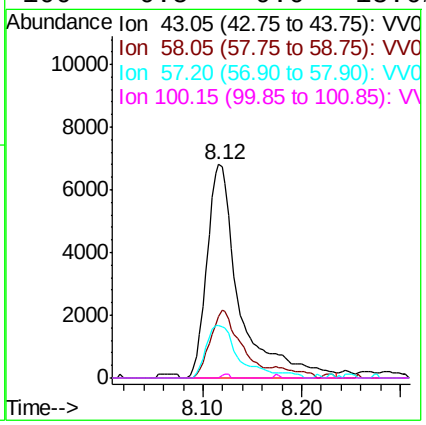


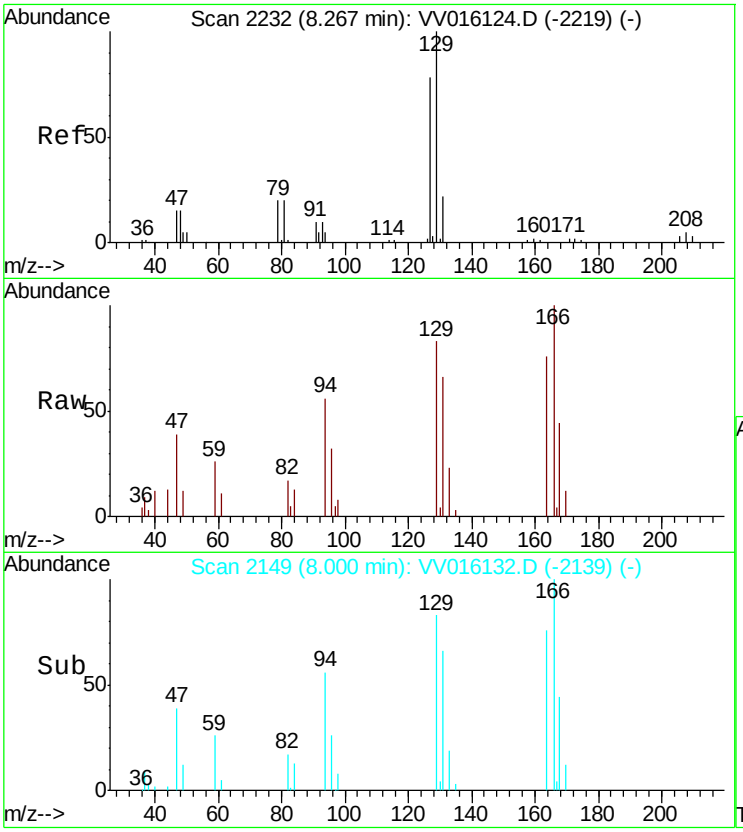


#50
2-Hexanone
Concen: 3.755 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 43 Resp: 15599

Ion	Ratio	Lower	Upper
43	100		
58	29.8	40.8	61.2#
57	24.1	14.7	22.1#
100	0.5	9.0	13.6#



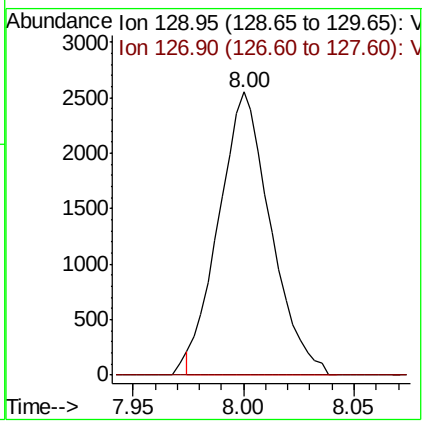


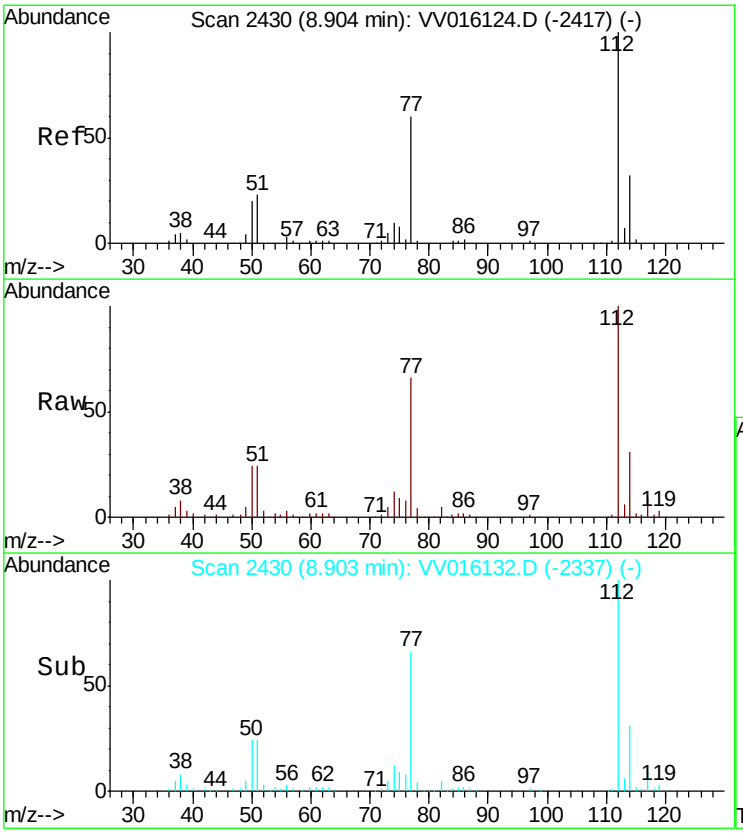
#51
Dibromochloromethane
Concen: 0.589 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 4168

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.0	104.0#

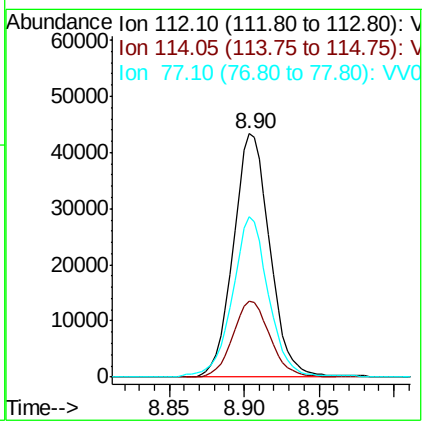


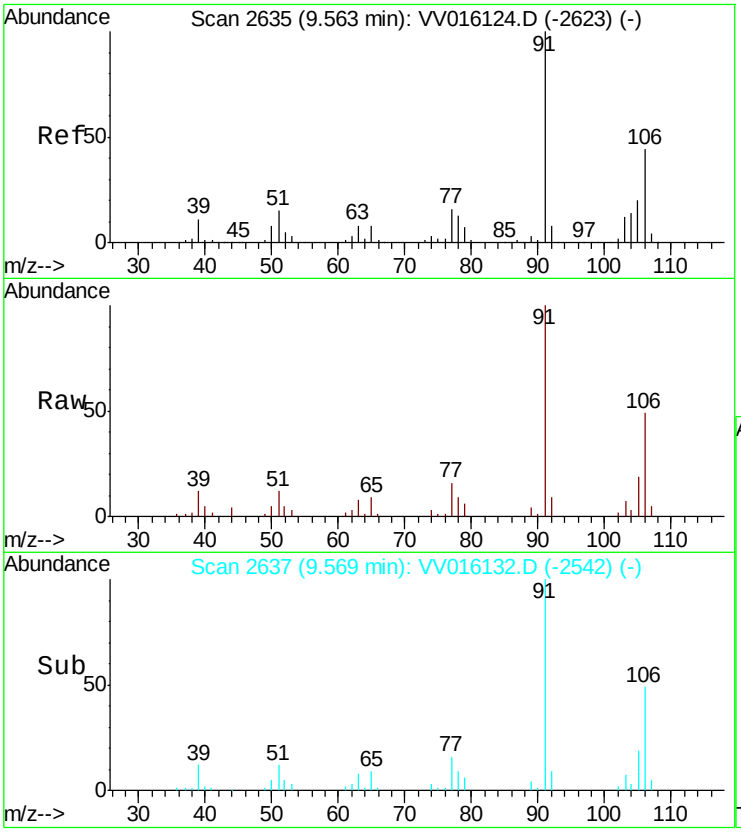


#53
Chlorobenzene
Concen: 2.910 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion:112 Resp: 73601

Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.6	40.0
77	65.8	48.6	73.0



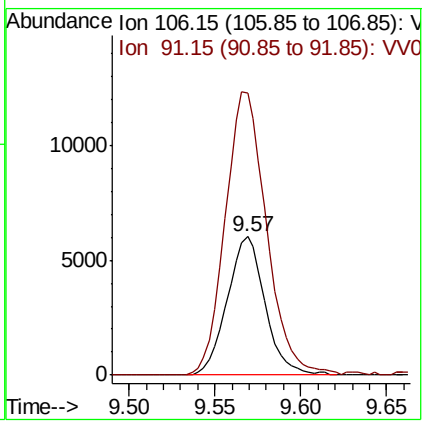


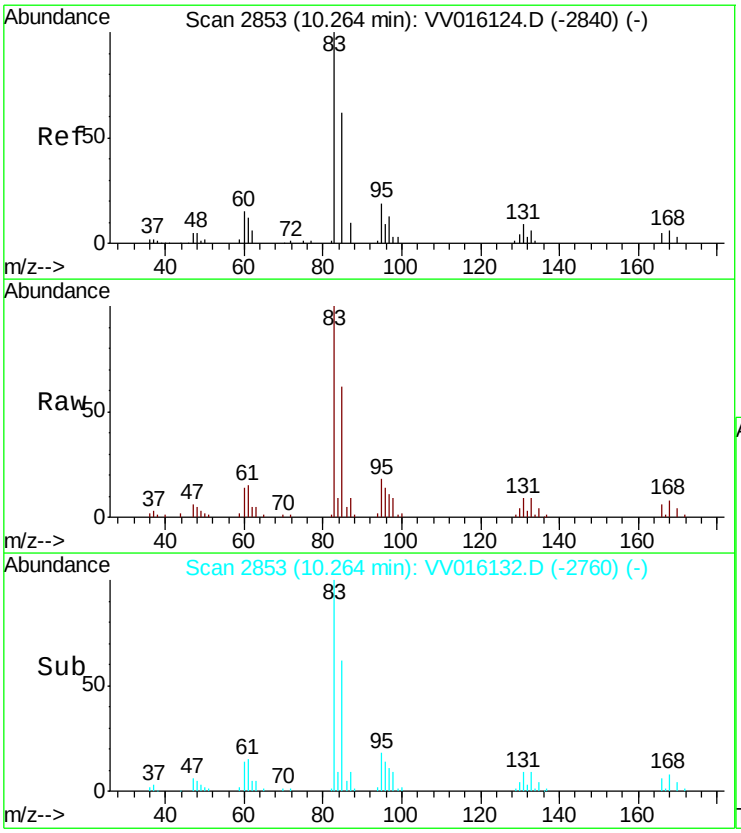
#56
o-xylene
Concen: 0.582 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 9210

Ion	Ratio	Lower	Upper
106	100		
91	203.6	159.7	296.5

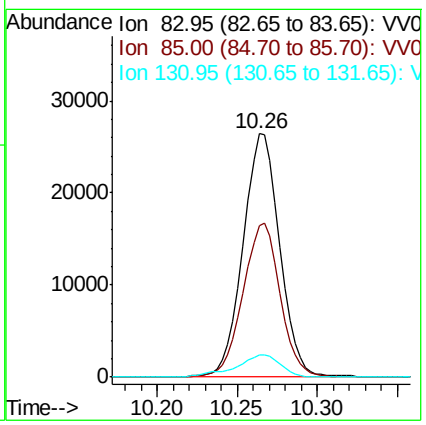


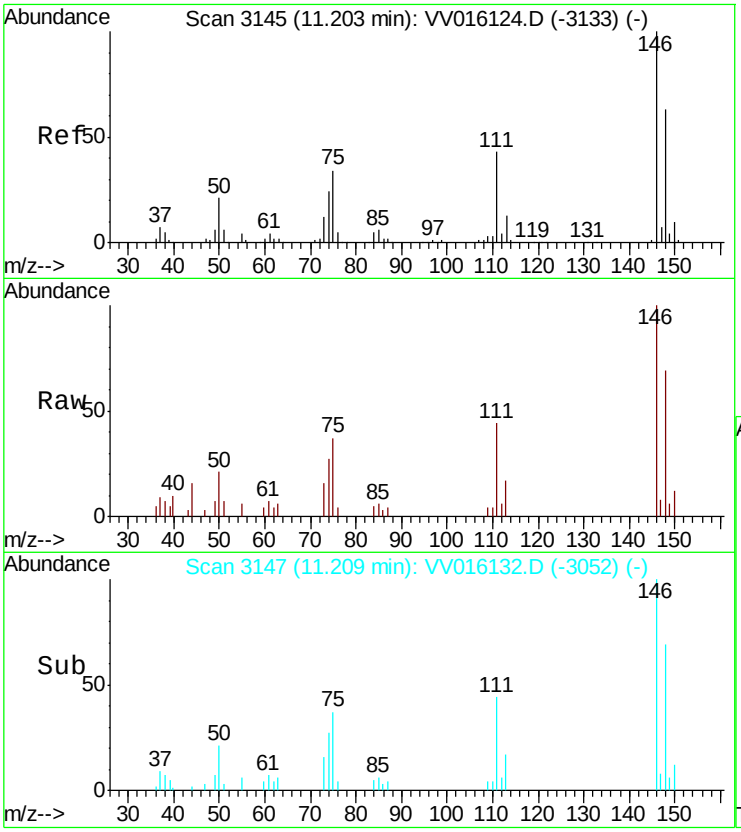


#60
1,1,2,2-Tetrachloroethane
Concen: 6.138 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion: 83 Resp: 41287

Ion	Ratio	Lower	Upper
83	100		
85	62.0	44.0	81.6
131	9.2	7.7	11.5



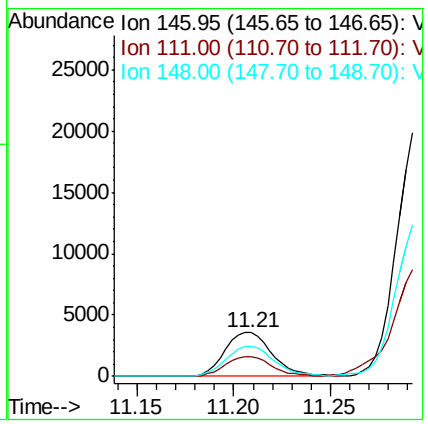


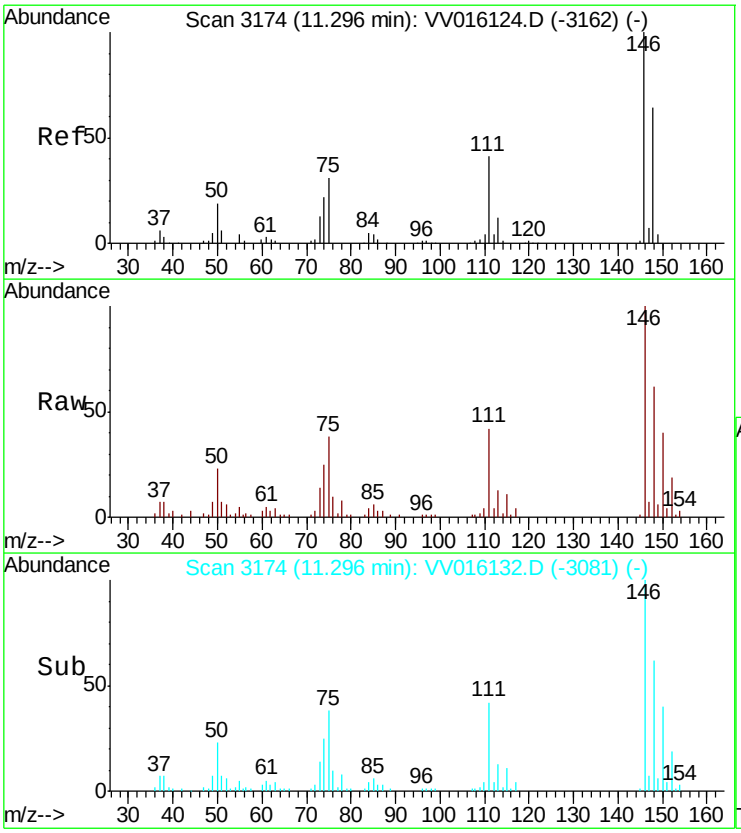
#63
1,3-Dichlorobenzene
Concen: 0.307 ug/L
RT: 11.21 min Scan# 3147
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 6071

Ion	Ratio	Lower	Upper
146	100		
111	43.8	28.7	53.3
148	68.8	44.0	81.8

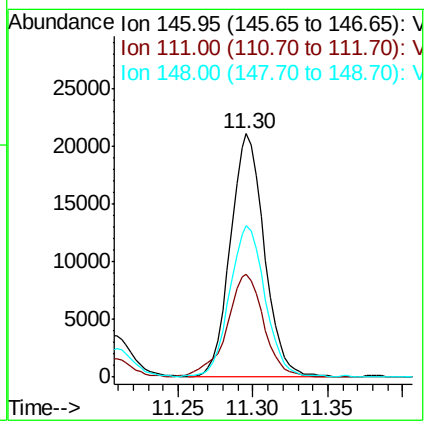


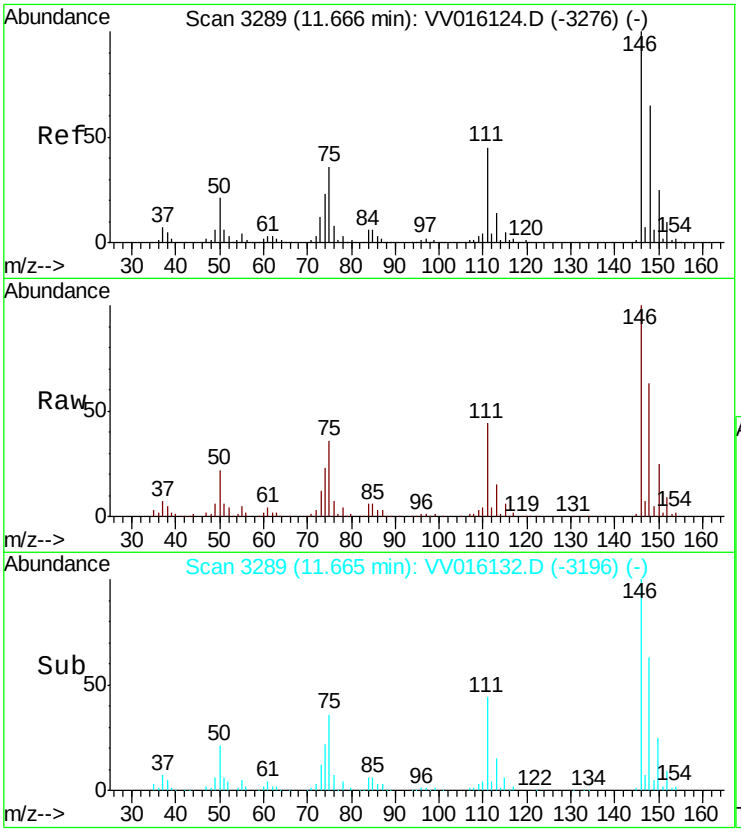


#64
1,4-Dichlorobenzene
Concen: 1.679 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion:146 Resp: 33331

Ion	Ratio	Lower	Upper
146	100		
111	42.3	28.9	53.7
148	62.2	44.6	82.8



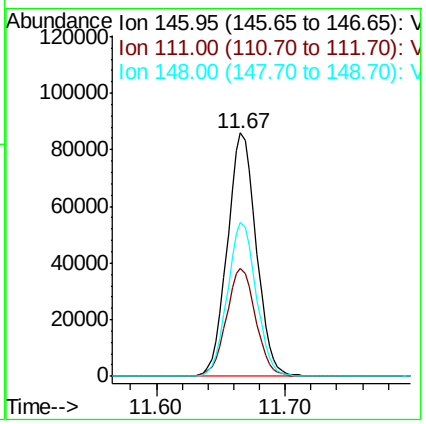


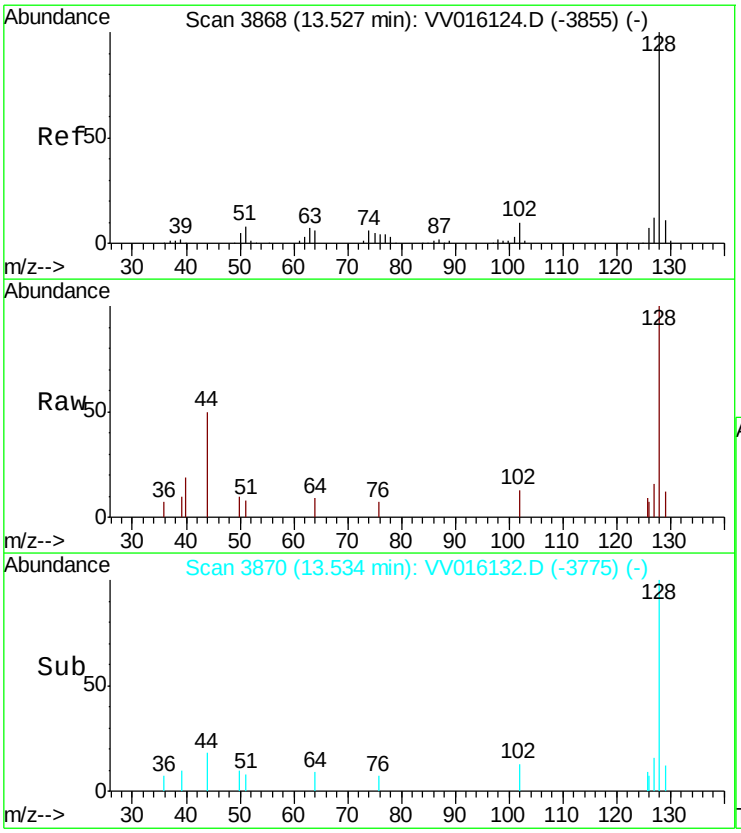
#66
1,2-Dichlorobenzene
Concen: 7.484 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. -0.00 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 133824

Ion	Ratio	Lower	Upper
146	100		
111	44.3	37.0	55.4
148	63.1	49.8	74.6





#70
Naphthalene
Concen: 0.124 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV016132.D
Acq: 20 May 2020 15:29

Tgt Ion:128 Resp: 2452

Ion	Ratio	Lower	Upper
128	100		
129	6.0	8.5	12.7#
127	12.2	10.2	15.2