Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011258.D
Acq On : 06 Jun 2019 21:06
Operator : SY/MD
Sample : K3226-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN9

Quant Time: Jun 07 01:33:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	164173	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67670	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	71329	5.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 114.60%			
7) Chloroethane-d5	1.58	69	52029	5.03	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.13	63	135331	5.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.80%			
20) 2-Butanone-d5	3.96	46	170506	60.88	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.76%			
24) Chloroform-d	4.40	84	106709	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.08	65	61610	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.10	84	223878	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.13	67	69873	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.36	98	201428	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	7.66	79	25757	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.13	63	130470	56.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.54%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47978	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66047	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1509	0.093	ug/L	99
5) Vinyl chloride	1.32	62	1447459	95.830	ug/L	92
8) Chloroethane	1.32	64	464563	48.130	ug/L #	48
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1097	0.103	ug/L #	27
12) 1,1-Dichloroethene	2.14	96	63825	6.170	ug/L	96
13) Acetone	2.21	43	5343	2.845	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	299231	10.837	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	311672	26.912	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	15352218	1197.001	ug/L #	89
27) 1,2-Dichloroethane	5.19	62	1729	0.120	ug/L #	76
33) Benzene	5.14	78	8359	0.170	ug/L	100
35) Methylcyclohexane	6.00	83	1049821	49.865	ug/L #	1
37) 1,2-Dichloropropane	6.13	63	8573	0.699	ug/L #	87
42) Toluene	7.43	91	29146	0.555	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1453	0.107	ug/L	90
45) 1,1,2-Trichloroethane	7.89	97	1751	0.223	ug/L	92
47) Tetrachloroethene	8.02	164	211592	22.998	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011258.D
Acq On : 06 Jun 2019 21:06
Operator : SY/MD
Sample : K3226-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCN9

Quant Time: Jun 07 01:33:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.13	43	17903	3.287	ug/L	#	74
49) Dibromochloromethane	8.02	129	197292	22.123	ug/L	#	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011258.D
Acq On : 06 Jun 2019 21:06
Operator : SY/MD
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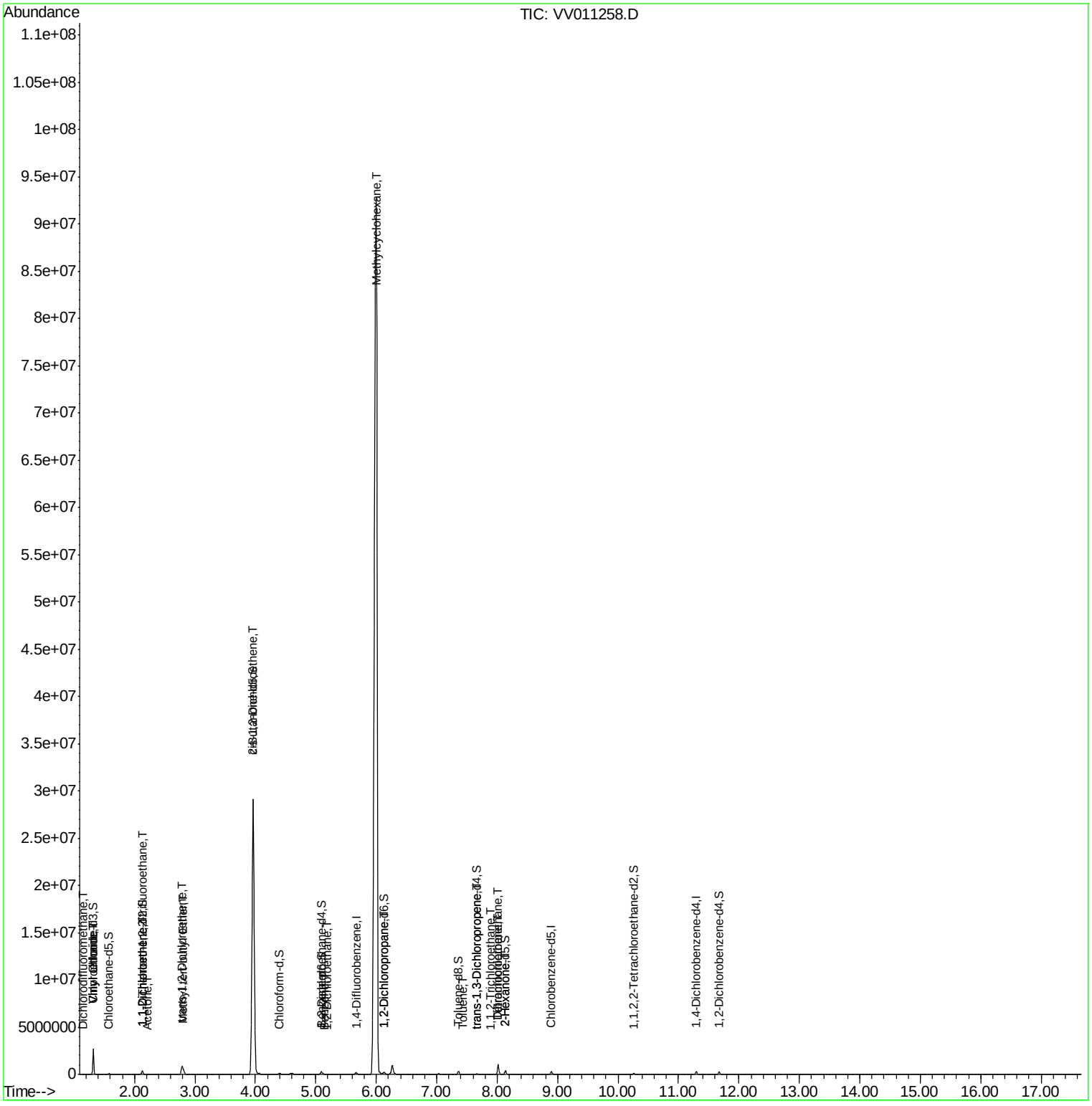
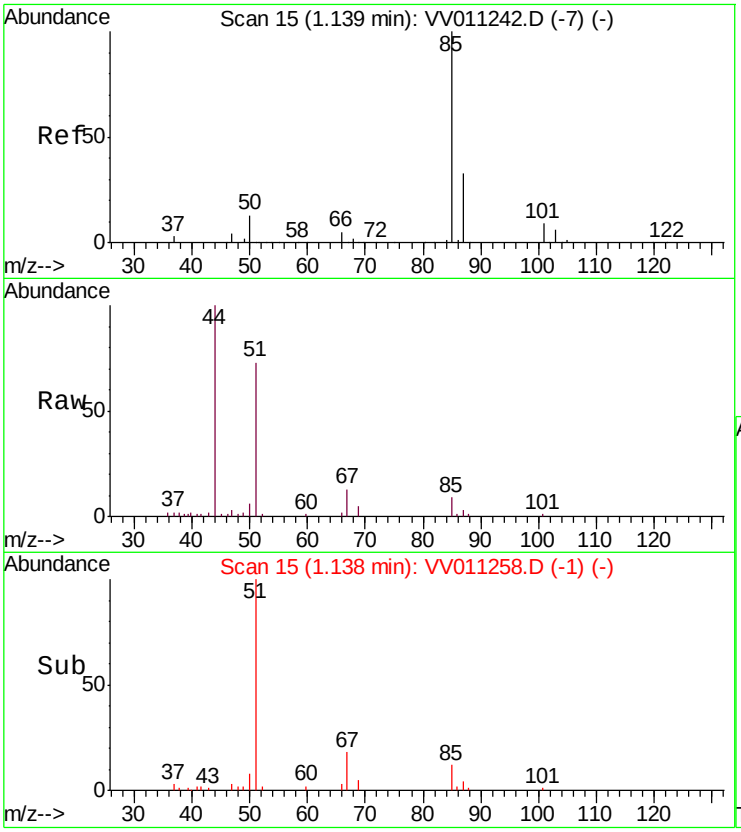
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration



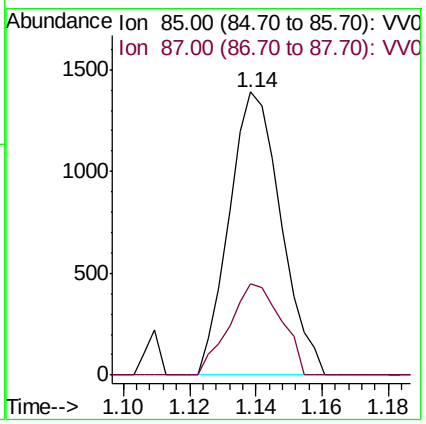


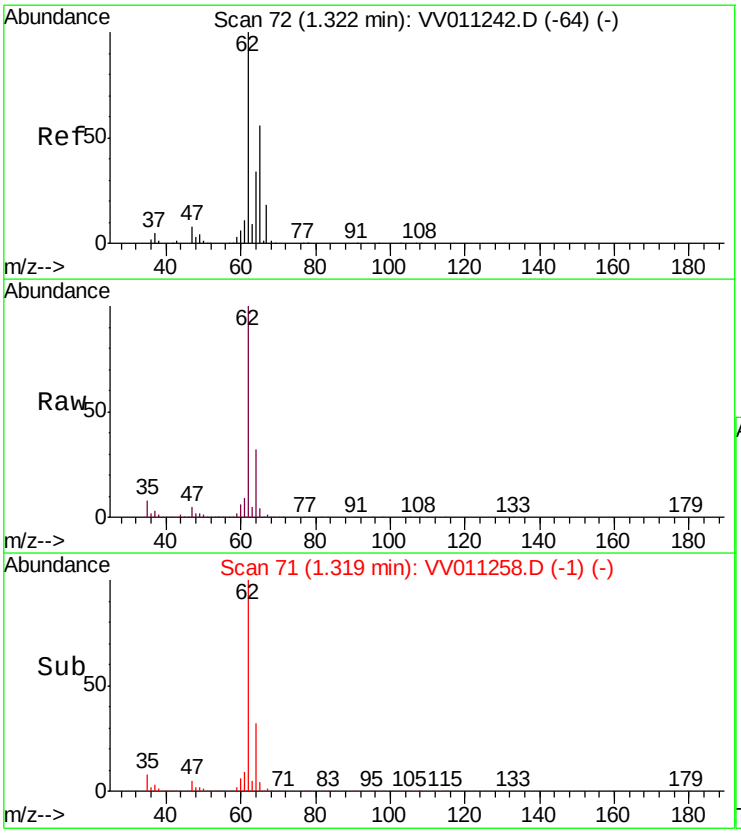
#2
Dichlorodifluoromethane
Concen: 0.093 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 85 Resp: 1509

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.5	39.7

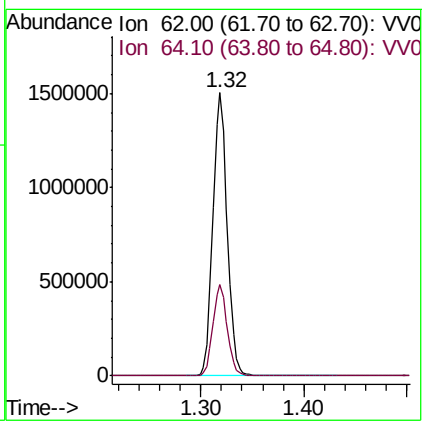


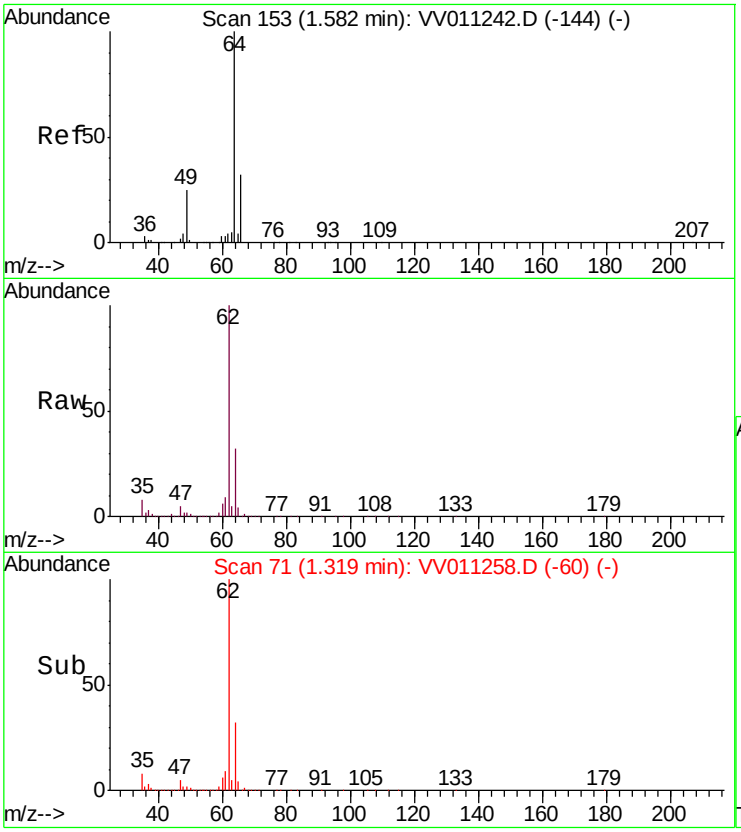


#5
Vinyl chloride
Concen: 95.830 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 62 Resp: 1447459

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.9	48.1



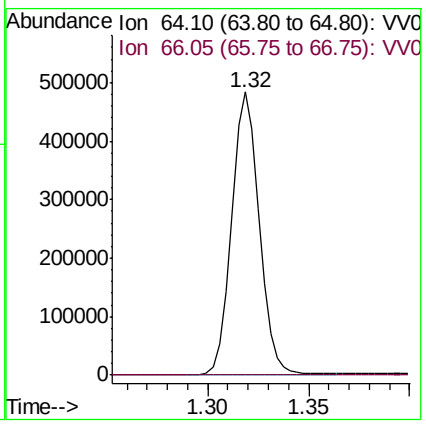


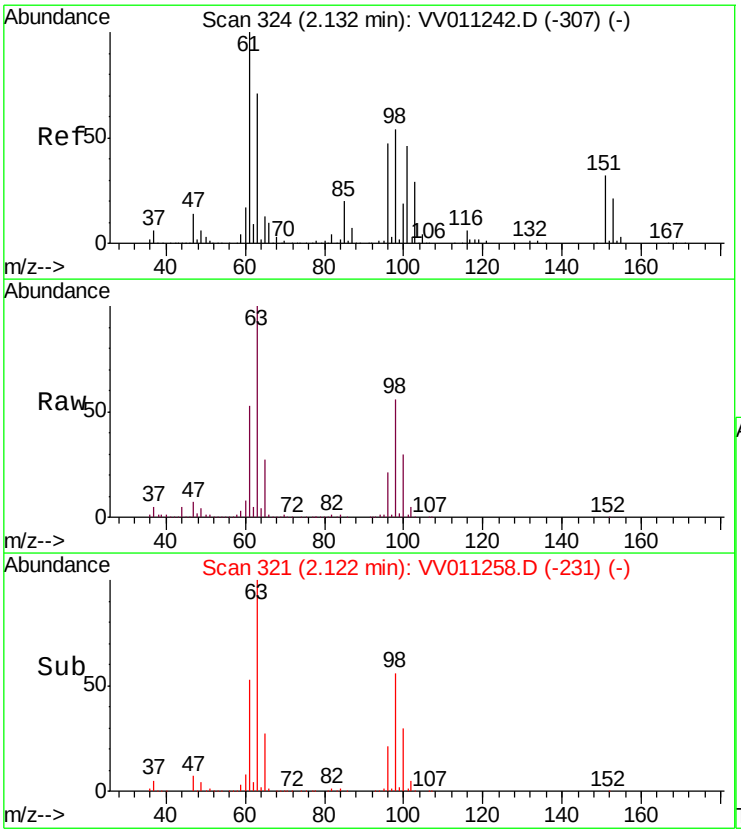
#8
Chloroethane
Concen: 48.130 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.26 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 64 Resp: 464563

Ion	Ratio	Lower	Upper
64	100		
66	0.3	19.4	36.0#

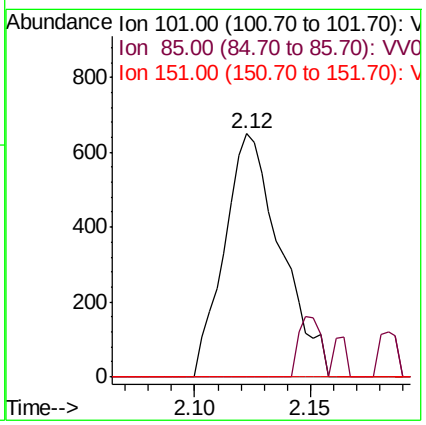


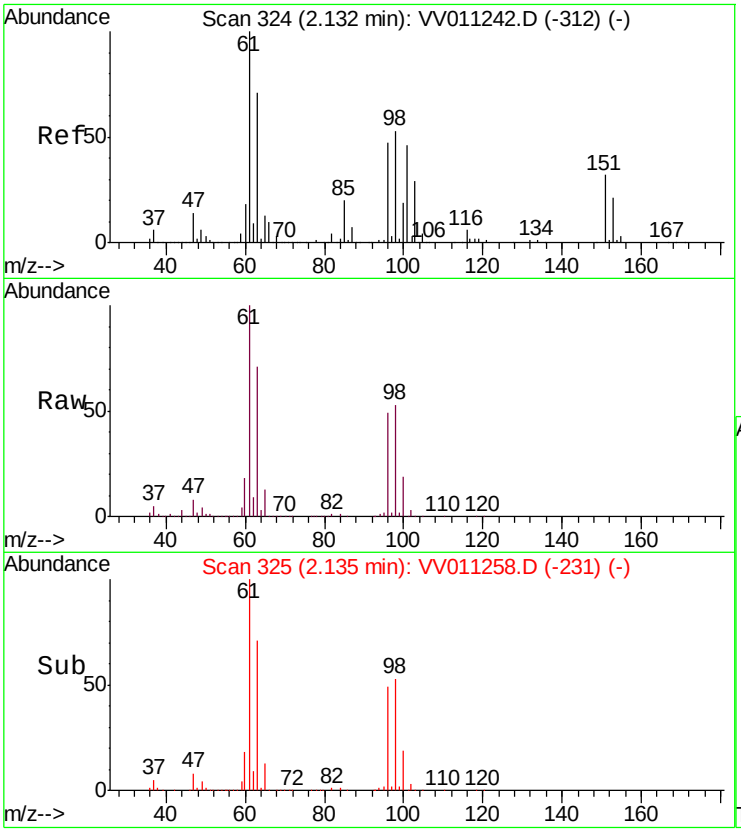


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.103 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion:101 Resp: 1097

Ion	Ratio	Lower	Upper
101	100		
85	9.7	35.5	53.3#
151	0.0	56.9	85.3#



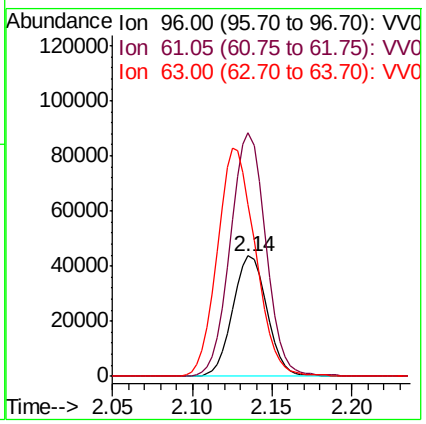


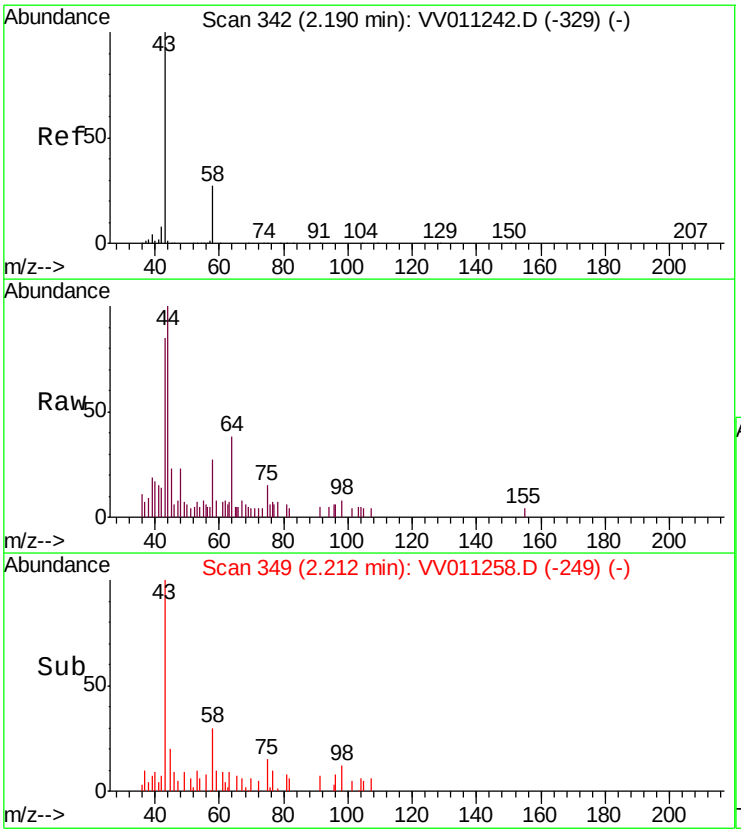
#12
1,1-Dichloroethene
Concen: 6.170 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 96 Resp: 63825

Ion	Ratio	Lower	Upper
96	100		
61	202.7	139.8	259.6
63	143.0	94.3	175.1

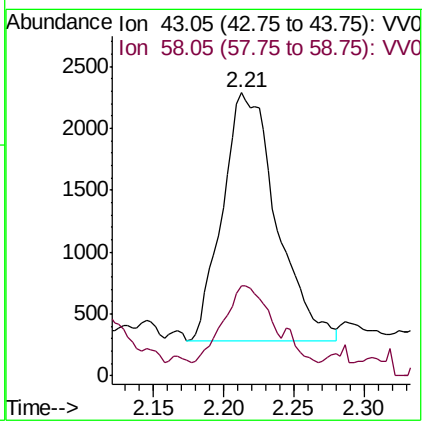


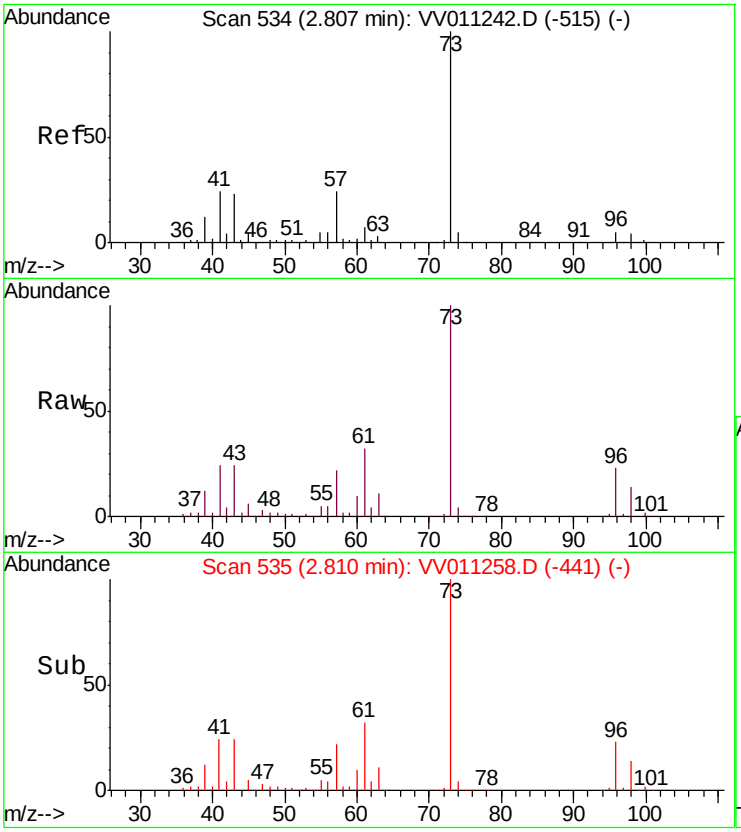


#13
Acetone
Concen: 2.845 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.02 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 43 Resp: 5343

Ion	Ratio	Lower	Upper
43	100		
58	25.9	0.0	55.2



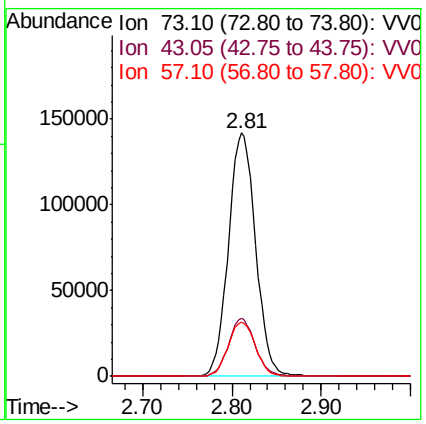


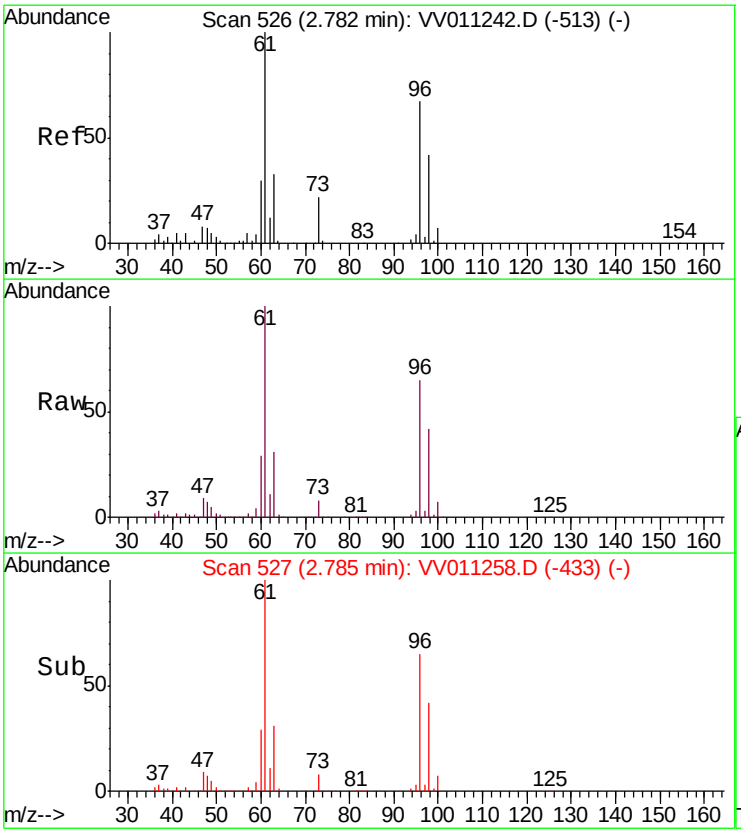
#17
Methyl tert-butyl Ether
Concen: 10.837 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 73 Resp: 299231

Ion	Ratio	Lower	Upper
73	100		
43	23.2	18.7	28.1
57	22.6	18.1	27.1

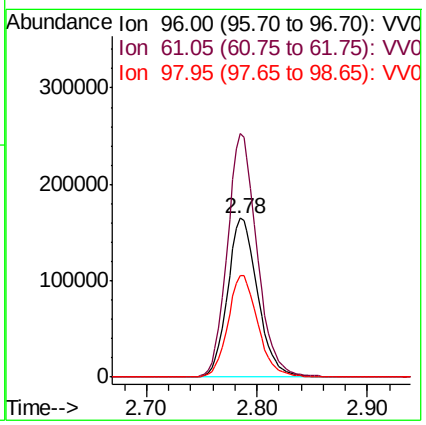


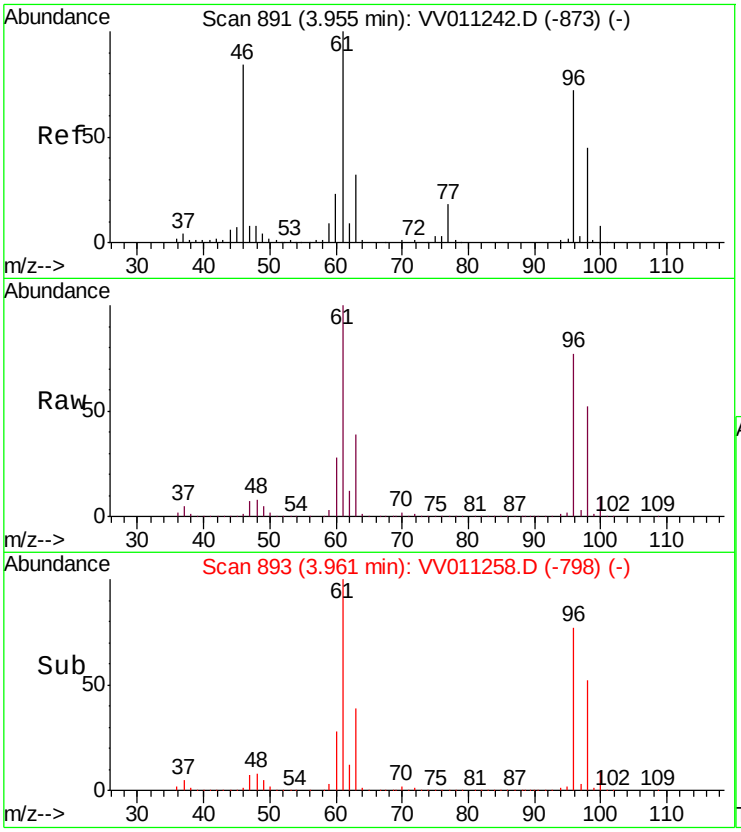


#18
trans-1,2-Dichloroethene
Concen: 26.912 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 96 Resp: 311672

Ion	Ratio	Lower	Upper
96	100		
61	153.6	104.0	193.2
98	64.2	45.7	84.9



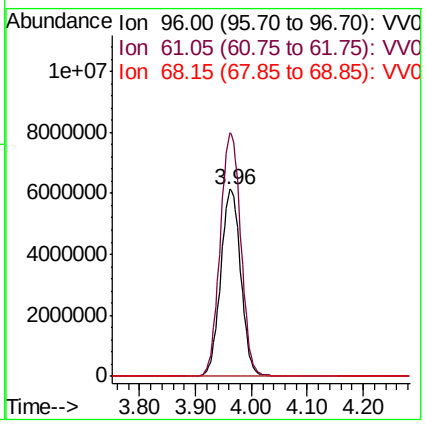


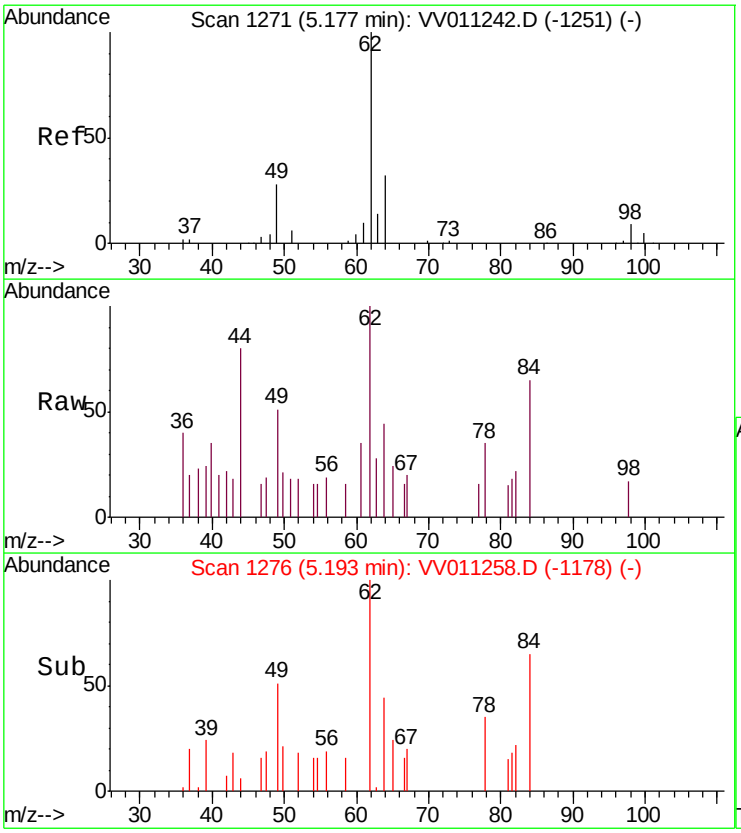
#22
cis-1,2-Dichloroethene
Concen: 1197.001 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 96 Resp:15352218

Ion	Ratio	Lower	Upper
96	100		
61	130.4	100.8	187.2
68	0.0	0.0	0.0#

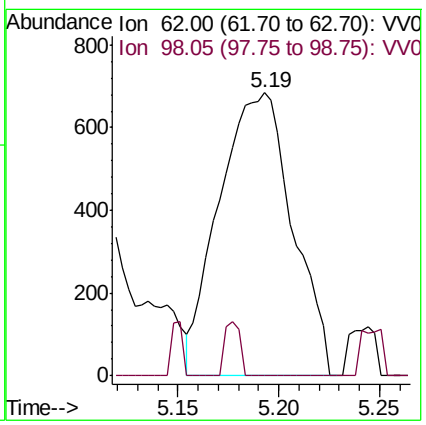


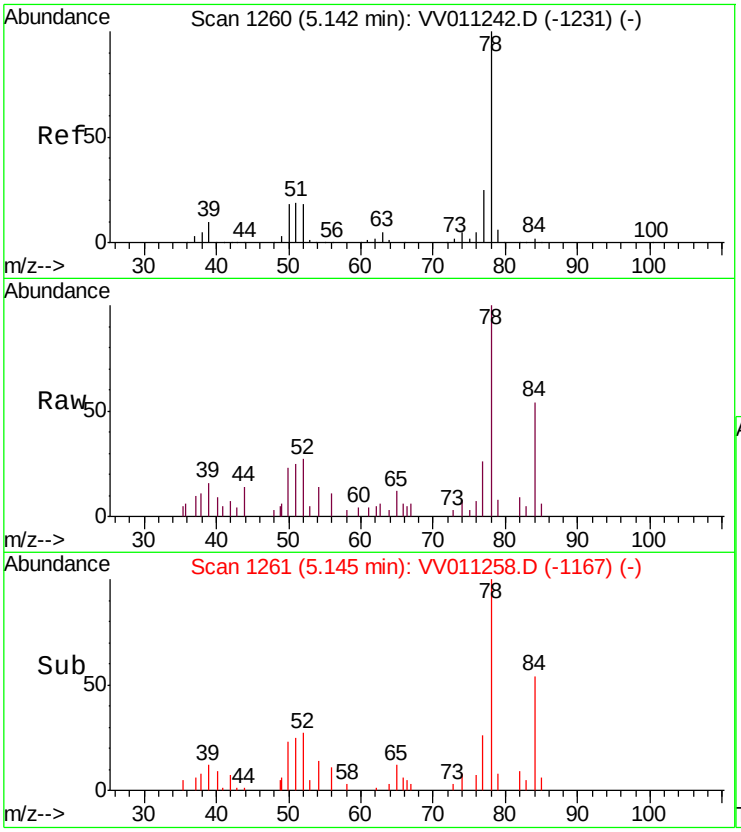


#27
1,2-Dichloroethane
Concen: 0.120 ug/L
RT: 5.19 min Scan# 1276
Delta R.T. 0.02 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 62 Resp: 1729

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.9	10.3#

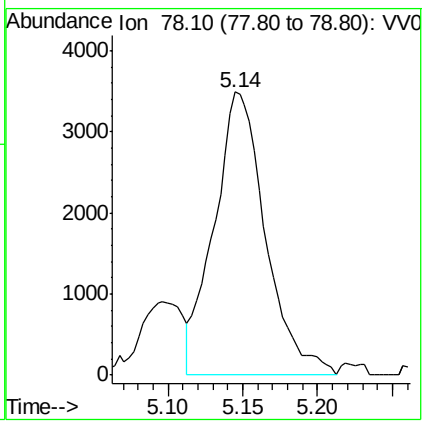


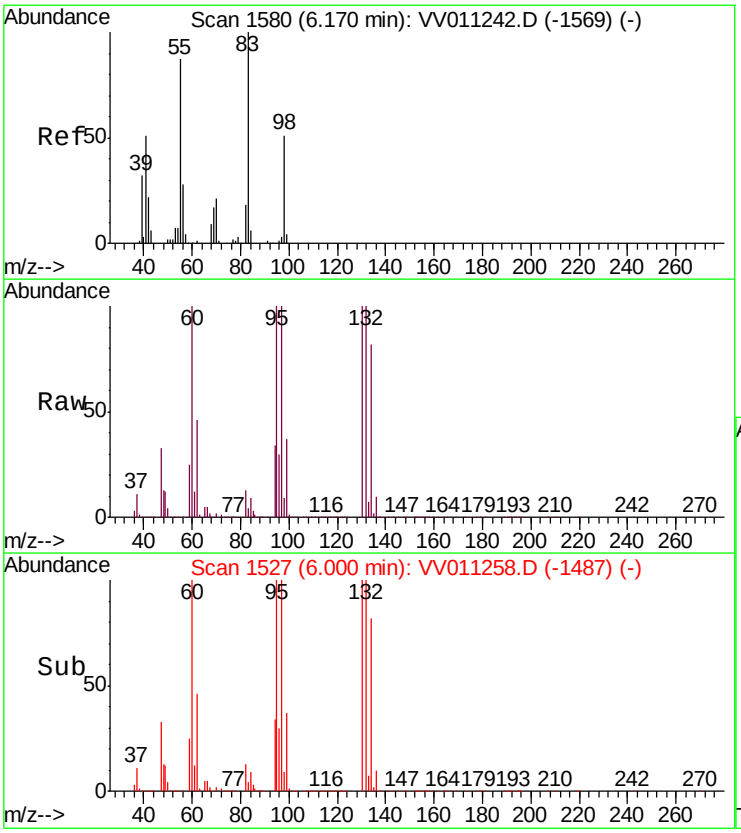


#33
Benzene
Concen: 0.170 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 78 Resp: 8359

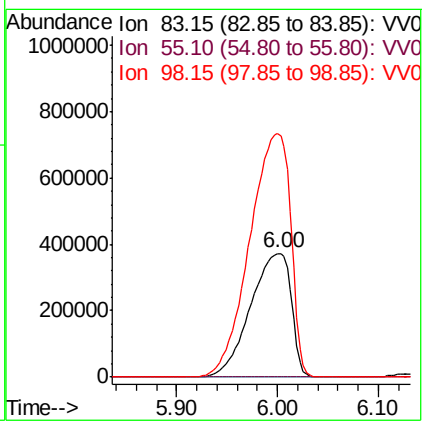


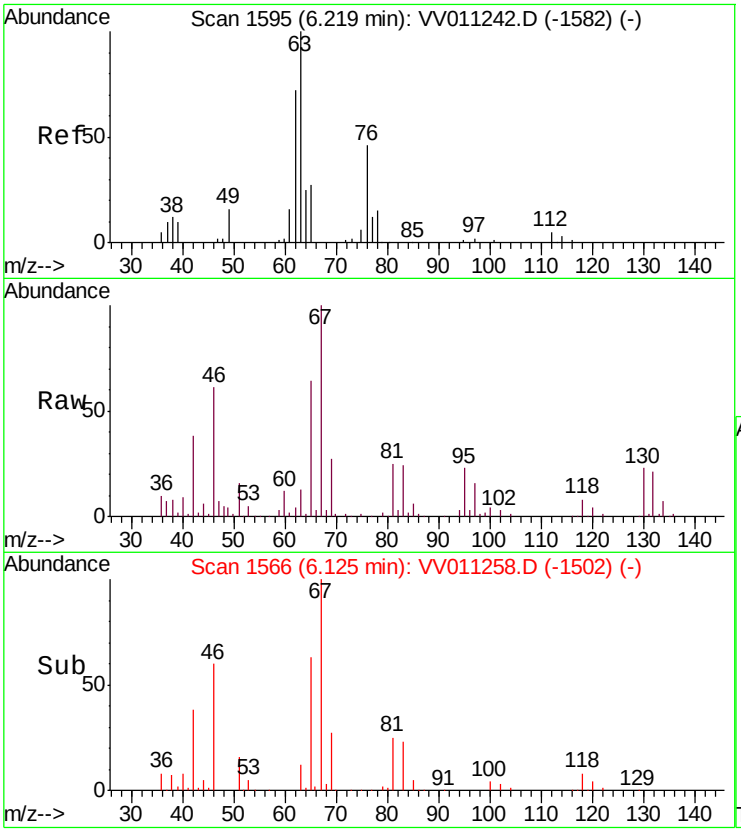


#35
Methylcyclohexane
Concen: 49.865 ug/L
RT: 6.00 min Scan# 1527
Delta R.T. -0.17 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 83 Resp: 1049821

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.0	100.6#
98	197.5	40.0	60.0#



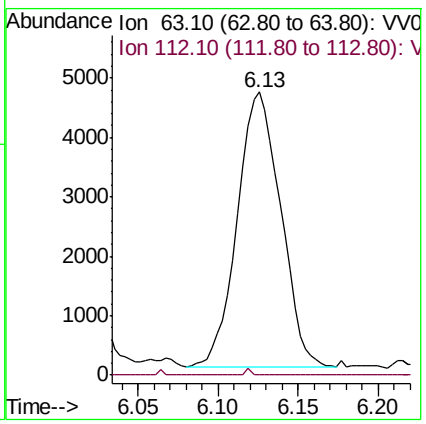


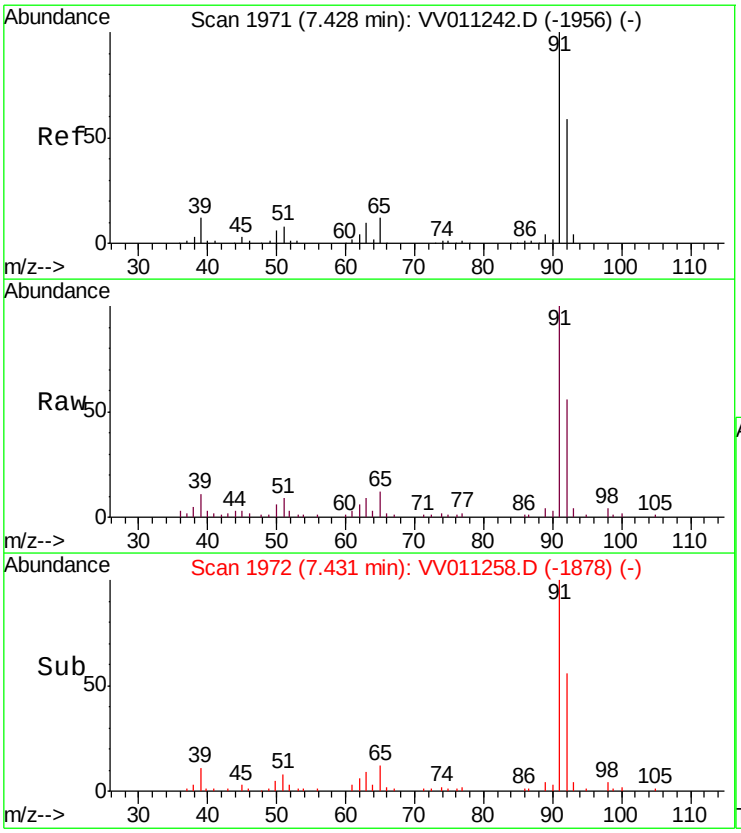
#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.09 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 63 Resp: 8573

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.6	5.4#

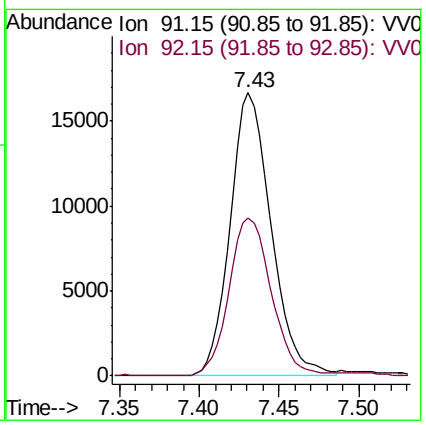


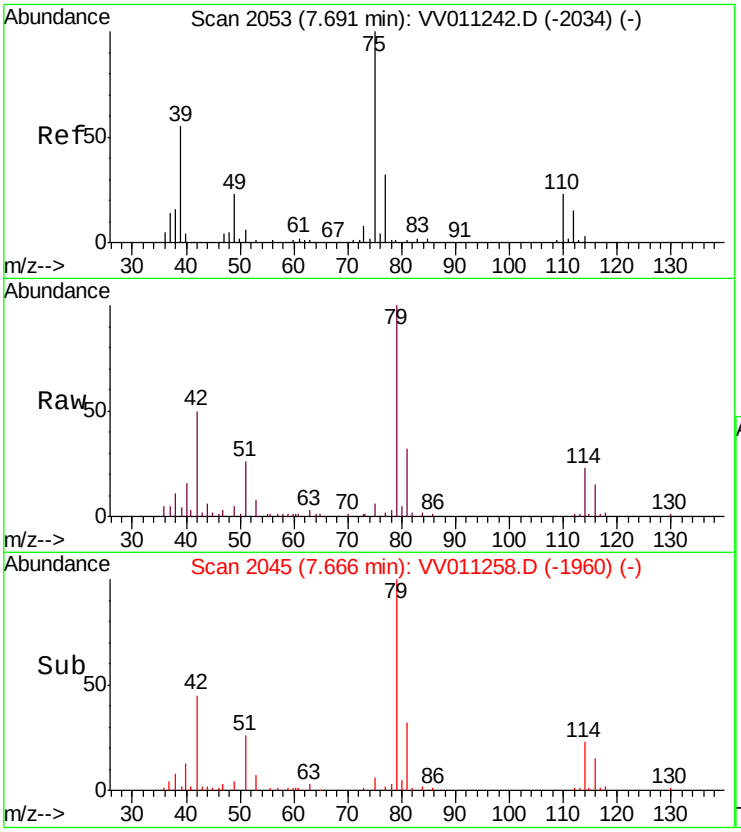


#42
Toluene
Concen: 0.555 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 91 Resp: 29146

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.9	74.1



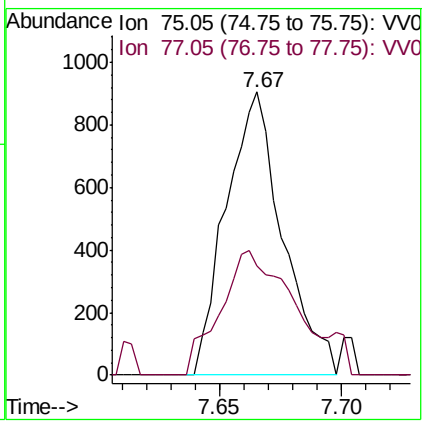


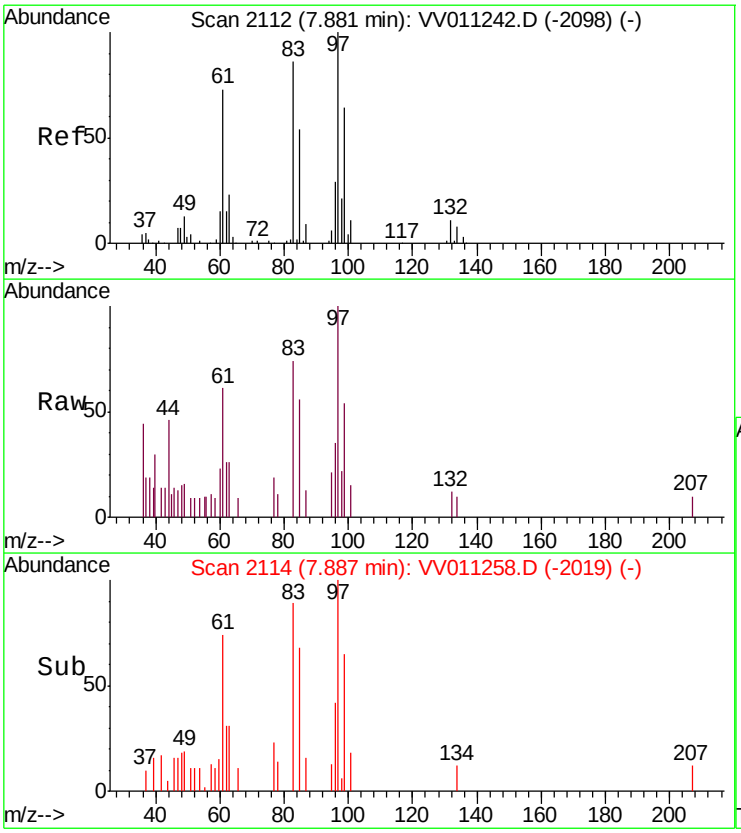
#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion: 75 Resp: 1453

Ion	Ratio	Lower	Upper
75	100		
77	38.5	23.1	42.9

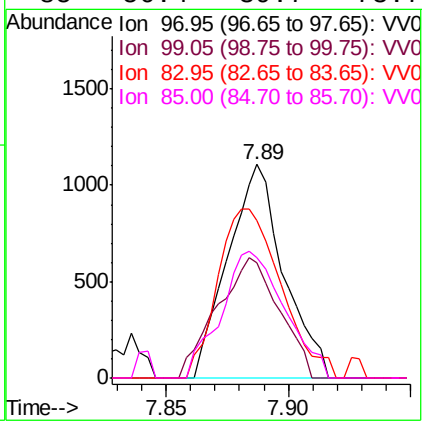


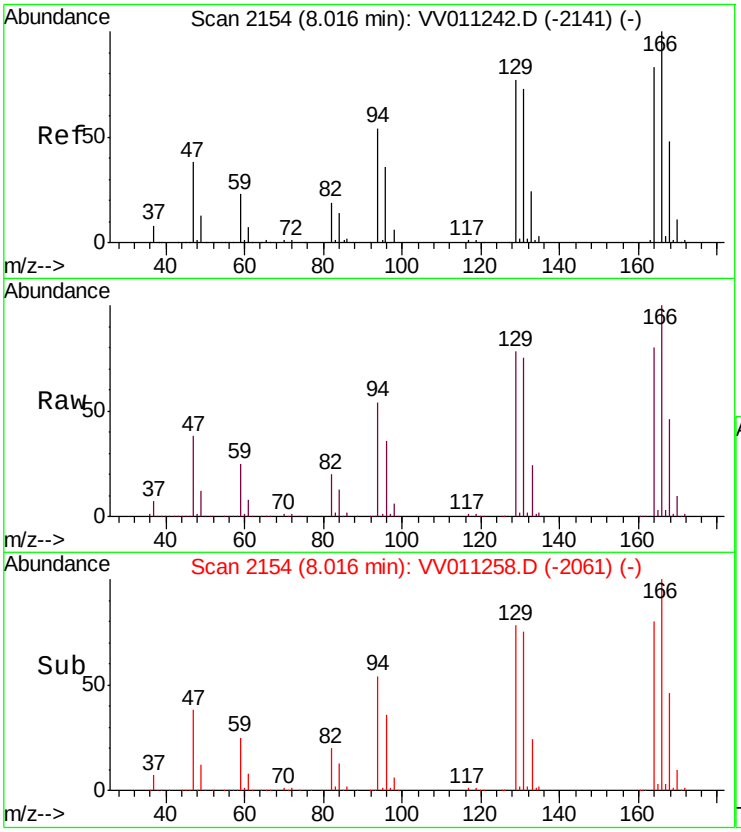


#45
1,1,2-Trichloroethane
Concen: 0.223 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.01 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 97 Resp: 1751

Ion	Ratio	Lower	Upper
97	100		
99	54.0	42.1	78.3
83	73.9	59.4	110.2
85	56.4	39.7	73.7



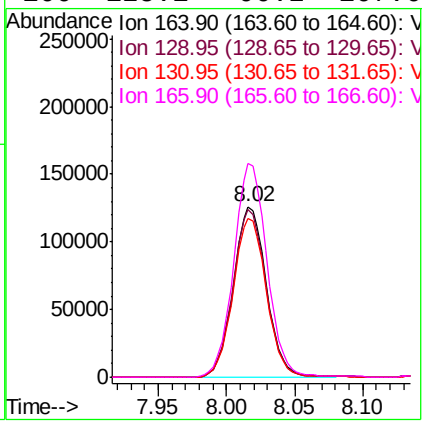


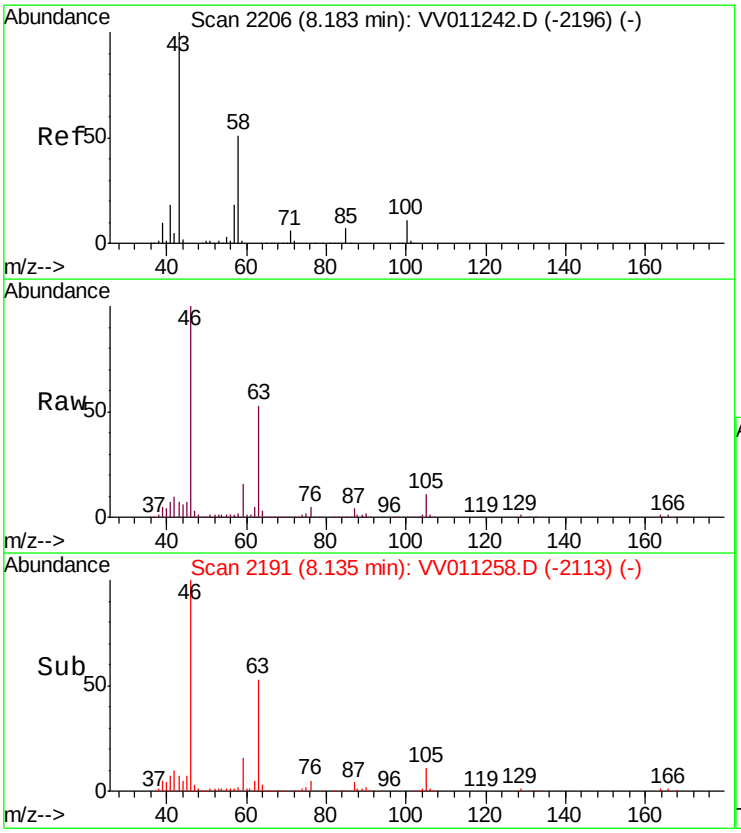
#47
Tetrachloroethene
Concen: 22.998 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion:164 Resp: 211592

Ion	Ratio	Lower	Upper
164	100		
129	98.0	69.9	129.9
131	93.3	66.8	124.2
166	125.1	90.2	167.6

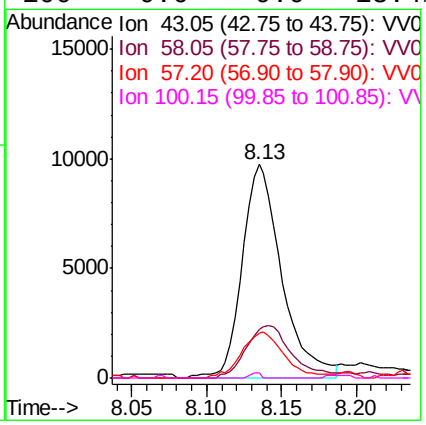


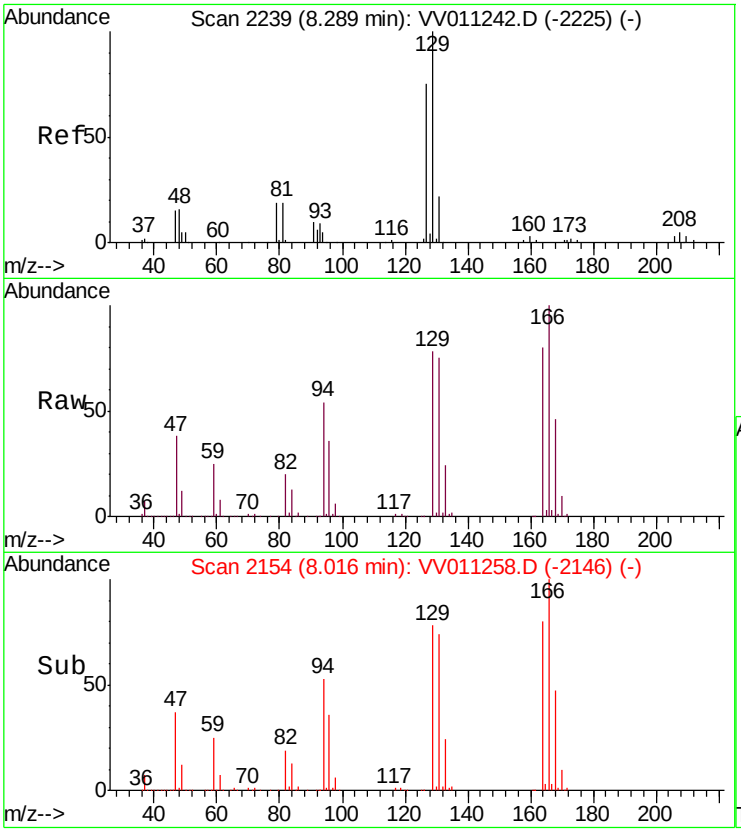


#48
2-Hexanone
Concen: 3.287 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Tgt Ion: 43 Resp: 17903

Ion	Ratio	Lower	Upper
43	100		
58	29.2	41.4	62.0#
57	23.3	15.0	22.4#
100	0.6	9.0	13.4#





#49
Dibromochloromethane
Concen: 22.123 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011258.D
Acq: 06 Jun 2019 21:06

Instrument :
MSVOA_V
ClientSampleId :
BFCN9

Tgt Ion:129 Resp: 197292

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#