Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
Data File : VV014147.D
Acq On : 20 Dec 2019 11:33
Operator : SY/MD
Sample : K6286-13DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDY9DL

Quant Time: Dec 21 02:34:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377530	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	155613	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123347	5.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	1.58	69	109676	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.60%			
11) 1,1-Dichloroethene-d2	2.13	63	163681	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	3.92	46	252731	52.03	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.06%			
24) Chloroform-d	4.40	84	231302	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.08	65	114428	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.10	84	444618	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.11	67	137643	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.36	98	348731	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.00%			
43) trans-1,3-Dichloropropene-	7.66	79	44325	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.13	63	164981	39.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.98%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96673	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	133209	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3253	0.144	ug/L #	26
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2230	0.107	ug/L #	25
12) 1,1-Dichloroethene	2.14	96	2750	0.152	ug/L #	1
14) Carbon disulfide	2.32	76	2043	0.049	ug/L #	68
16) Methylene chloride	2.54	84	7294	0.293	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	5040	0.246	ug/L	97
19) 1,1-Dichloroethane	3.23	63	9377	0.229	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	112726	4.690	ug/L #	97
25) Chloroform	4.42	83	6311	0.145	ug/L	82
27) 1,2-Dichloroethane	5.10	62	2778	0.112	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	3783	0.099	ug/L #	73
34) Trichloroethene	5.95	95	219061	8.663	ug/L	98
35) Methylcyclohexane	6.11	83	33035	0.979	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	15131	0.642	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2397	0.092	ug/L	97
47) Tetrachloroethene	8.02	164	2117	0.096	ug/L	75
48) 2-Hexanone	8.17	43	6734	0.686	ug/L #	73

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
Data File : VV014147.D
Acq On : 20 Dec 2019 11:33
Operator : SY/MD
Sample : K6286-13DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDY9DL

Quant Time: Dec 21 02:34:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
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Instrument :
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Quant Time: Dec 21 02:34:15 2019
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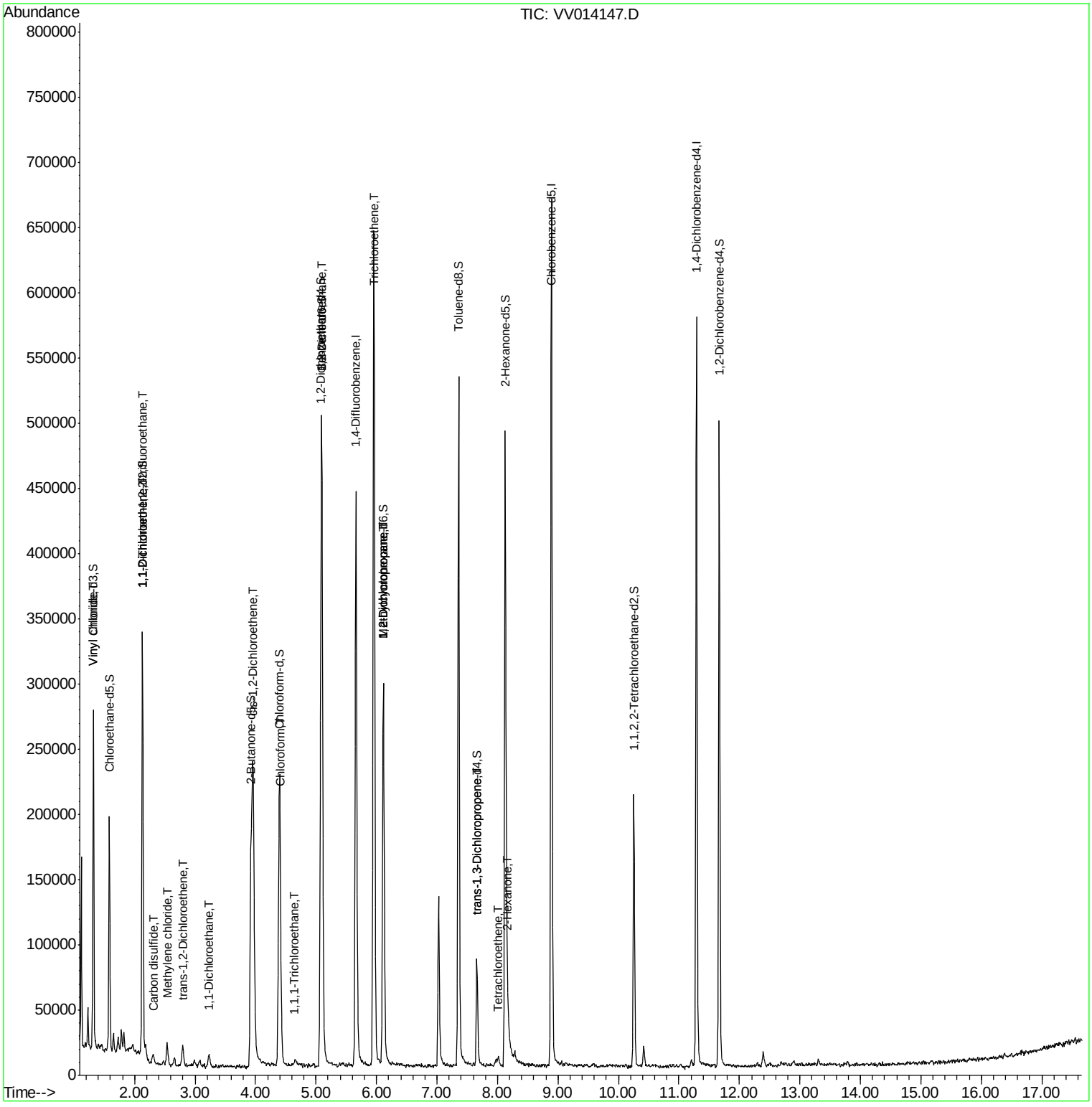
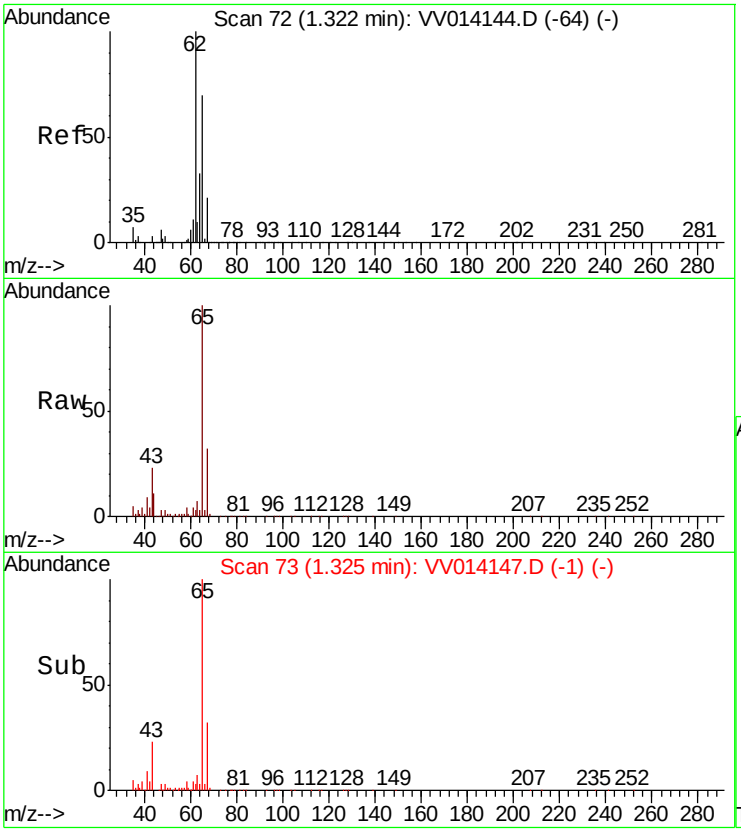
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration



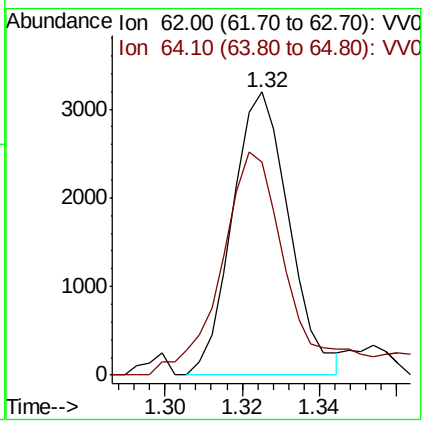


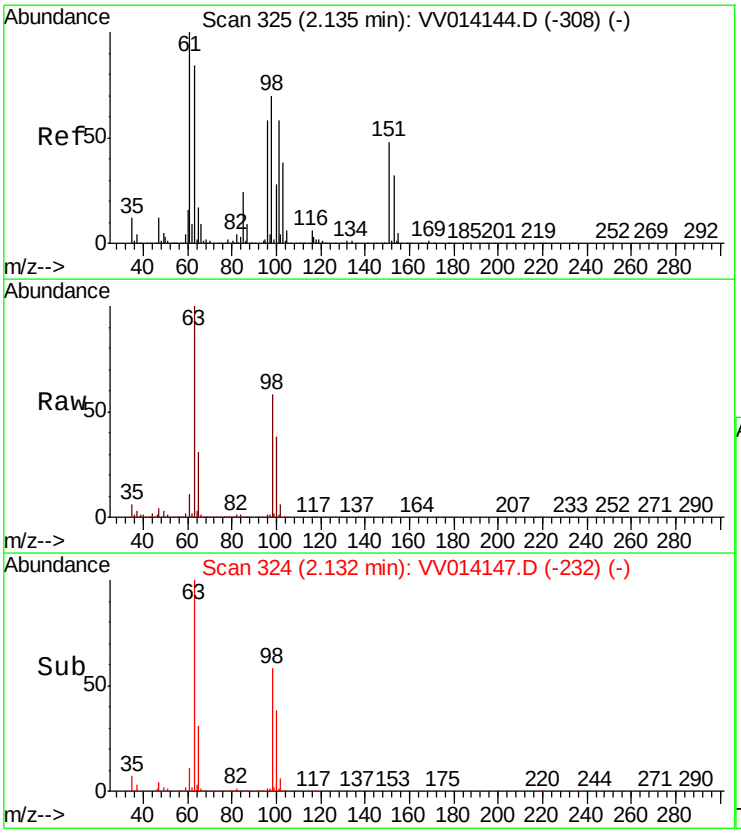
#5
Vinyl chloride
Concen: 0.144 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument : MSVOA_V
ClientSampleId : BFDY9DL

Tgt Ion: 62 Resp: 3253

Ion	Ratio	Lower	Upper
62	100		
64	75.3	23.3	43.3#

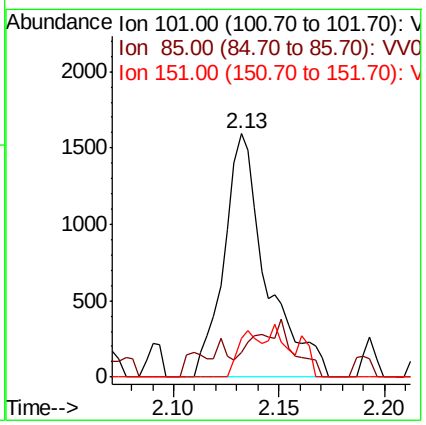


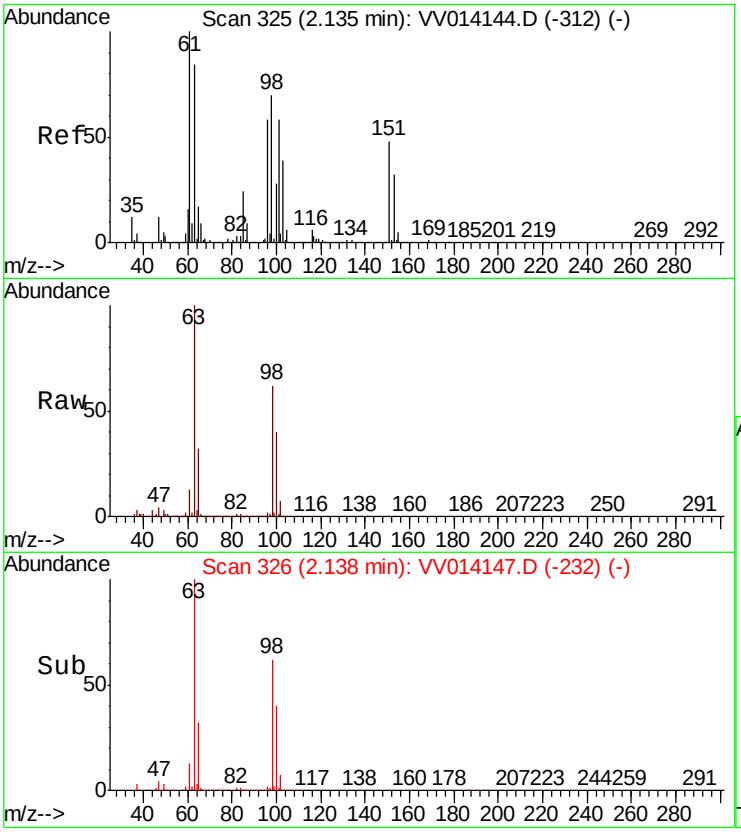


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.107 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion:101 Resp: 2230

Ion	Ratio	Lower	Upper
101	100		
85	5.3	33.4	50.0#
151	9.9	69.4	104.0#



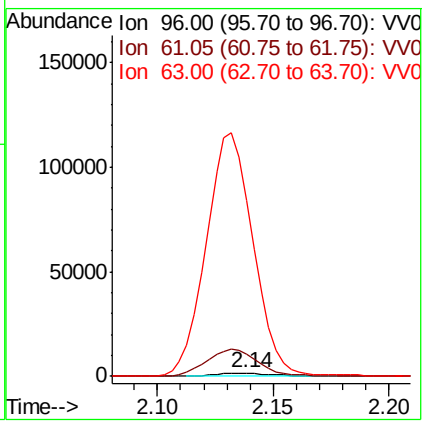


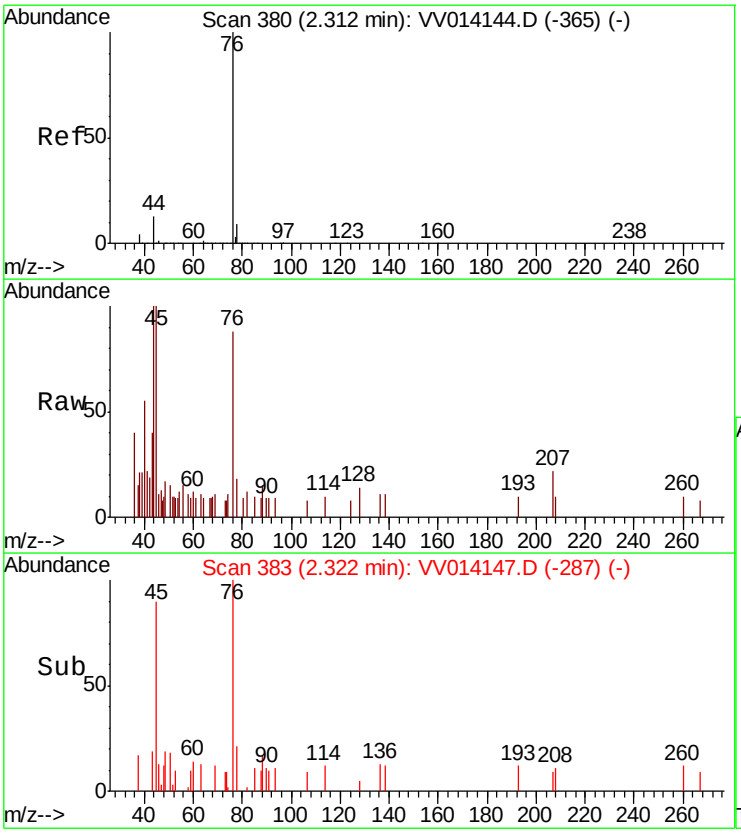
#12
1,1-Dichloroethene
Concen: 0.152 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
BFDY9DL

Tgt Ion: 96 Resp: 2750

Ion	Ratio	Lower	Upper
96	100		
61	726.7	116.3	215.9#
63	5726.2	96.7	179.7#

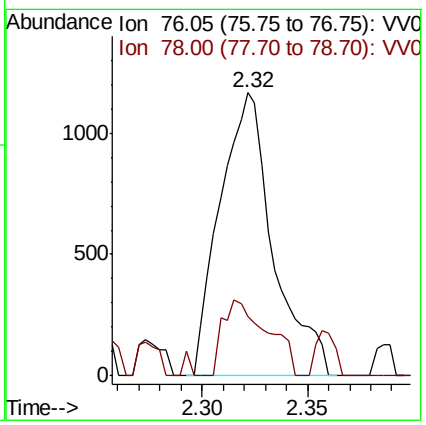


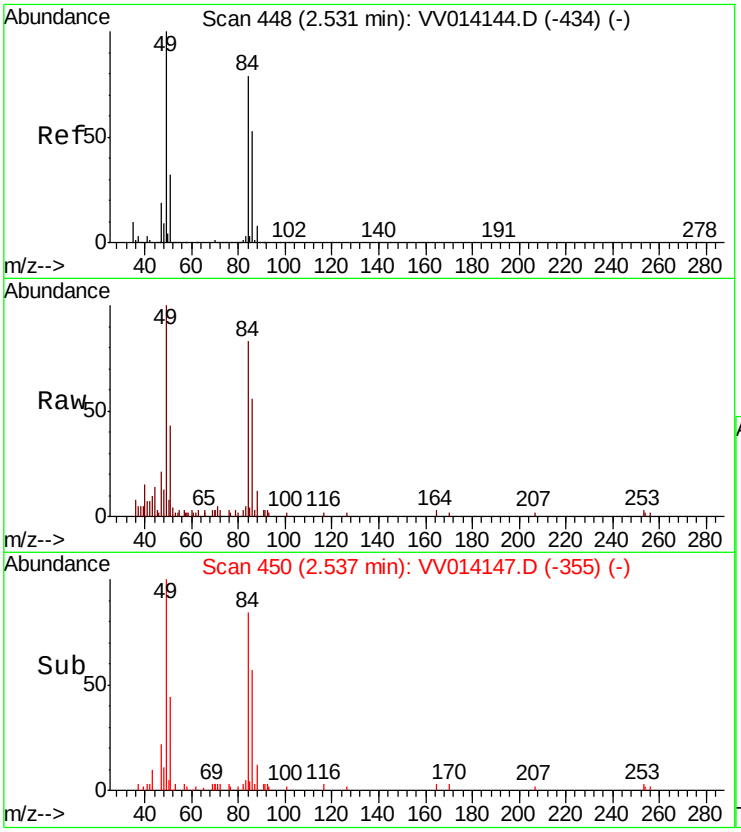


#14
Carbon disulfide
Concen: 0.049 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion: 76 Resp: 2043

Ion	Ratio	Lower	Upper
76	100		
78	21.1	7.5	11.3#



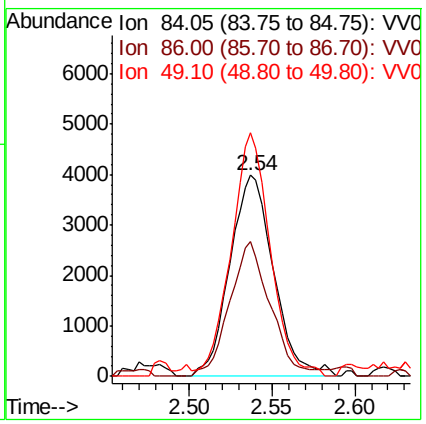


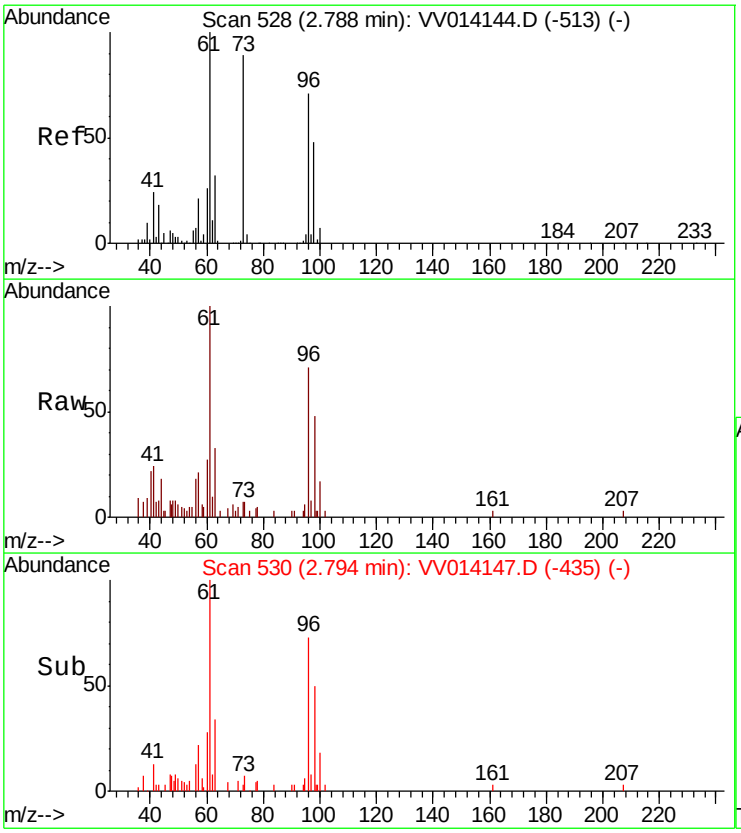
#16
Methylene chloride
Concen: 0.293 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument : MSVOA_V
ClientSampleId : BFDY9DL

Tgt Ion: 84 Resp: 7294

Ion	Ratio	Lower	Upper
84	100		
86	67.3	44.0	81.6
49	121.2	81.5	151.5

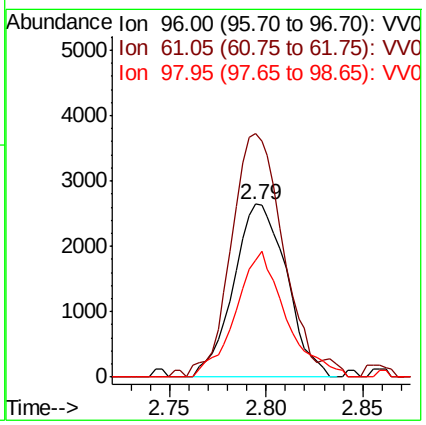


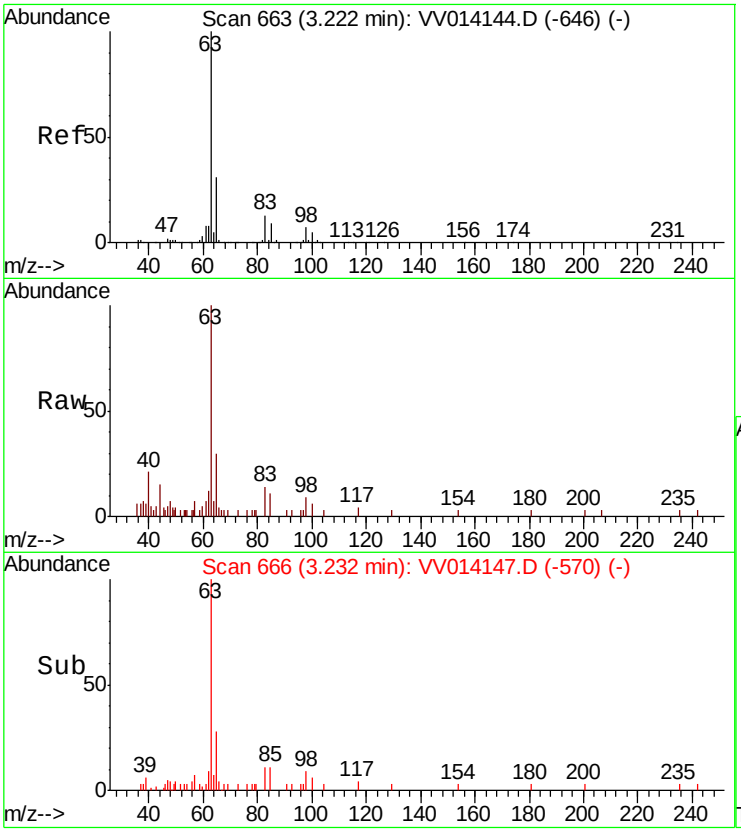


#18
trans-1,2-Dichloroethene
Concen: 0.246 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion: 96 Resp: 5040

Ion	Ratio	Lower	Upper
96	100		
61	140.7	95.1	176.7
98	67.7	46.5	86.3



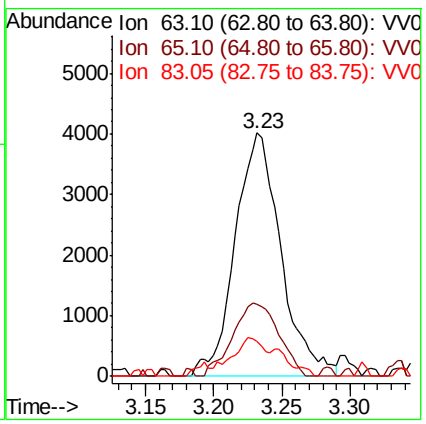


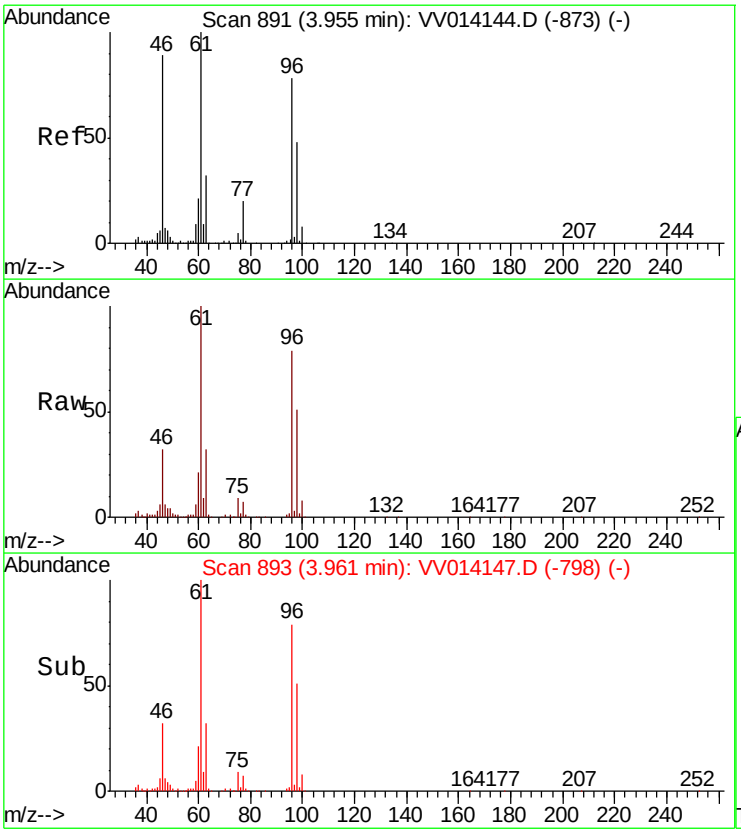
#19
1,1-Dichloroethane
Concen: 0.229 ug/L
RT: 3.23 min Scan# 666
Delta R.T. 0.01 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
BFDY9DL

Tgt Ion: 63 Resp: 9377

Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.7	42.1
83	14.5	9.2	17.2

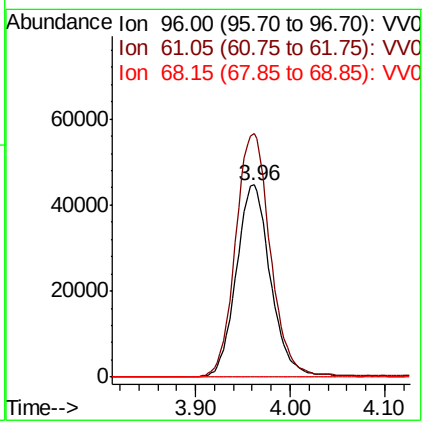


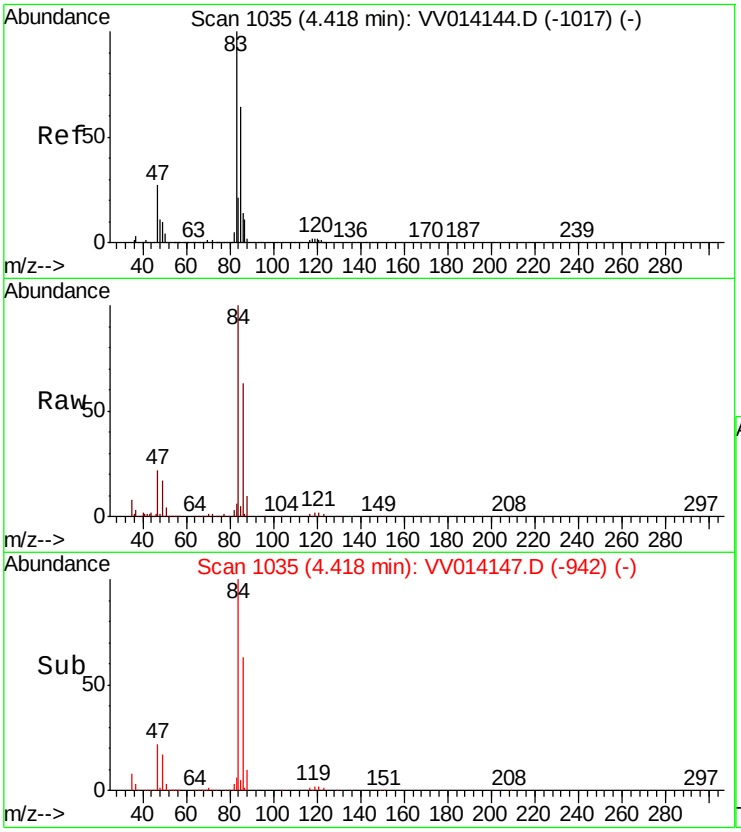


#22
cis-1,2-Dichloroethene
Concen: 4.690 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion: 96 Resp: 112726

Ion	Ratio	Lower	Upper
96	100		
61	126.6	86.1	159.9
68	0.3	0.0	0.0#



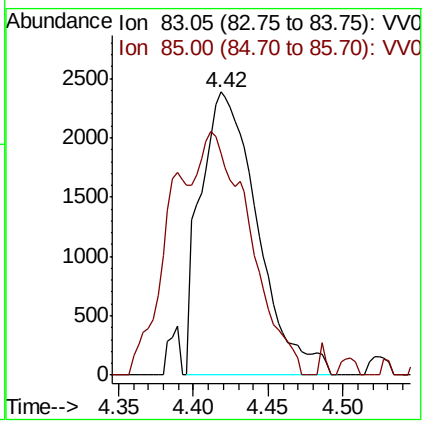


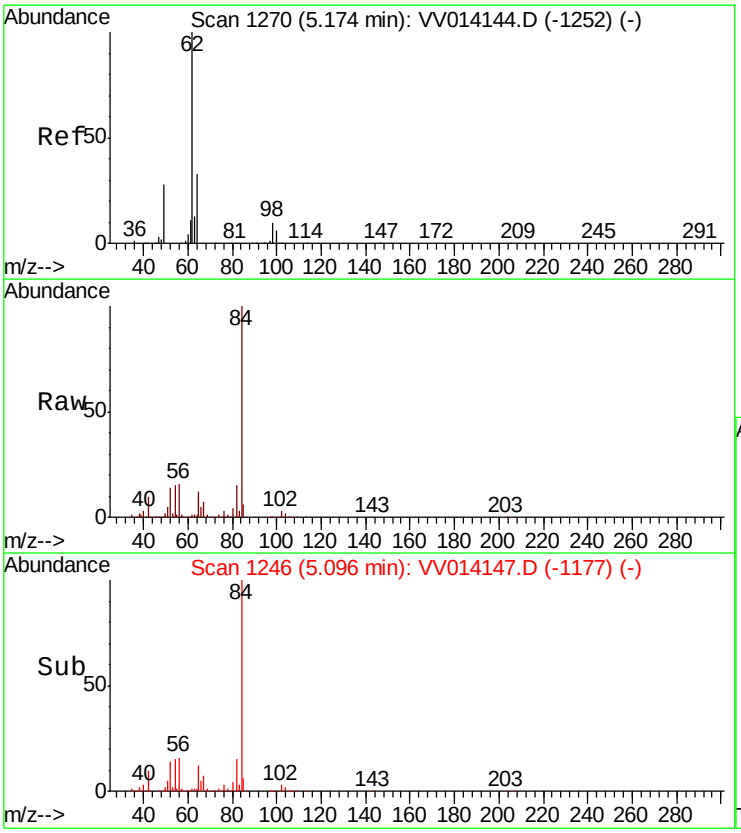
#25
Chloroform
Concen: 0.145 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
BFDY9DL

Tgt Ion: 83 Resp: 6311

Ion	Ratio	Lower	Upper
83	100		
85	78.6	45.1	83.7

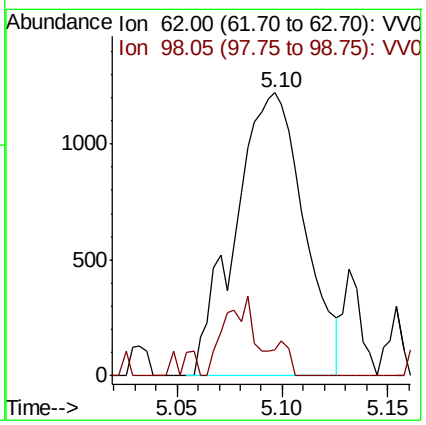


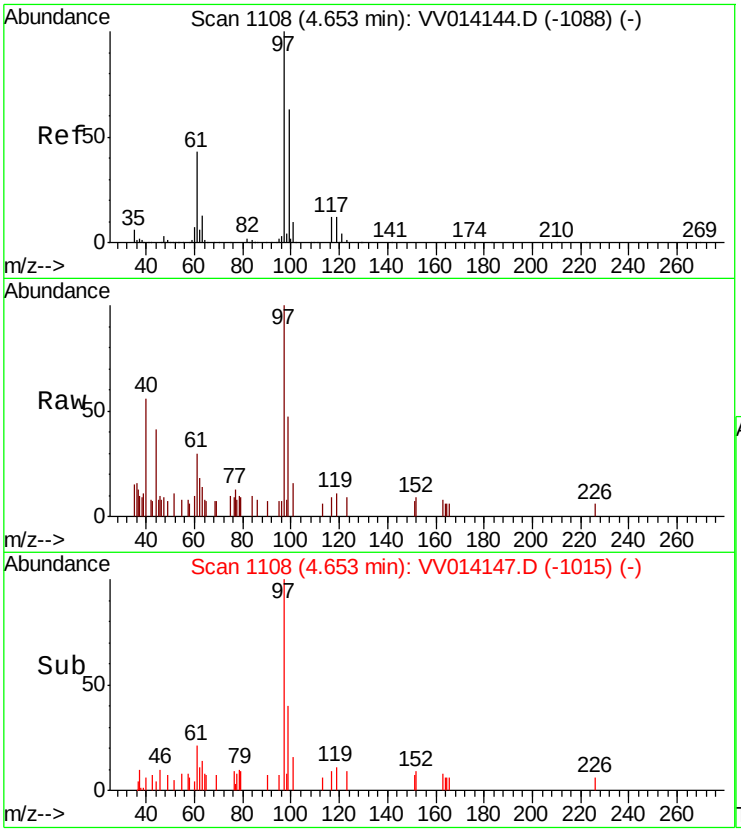


#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion: 62 Resp: 2778

Ion	Ratio	Lower	Upper
62	100		
98	9.3	8.2	12.2



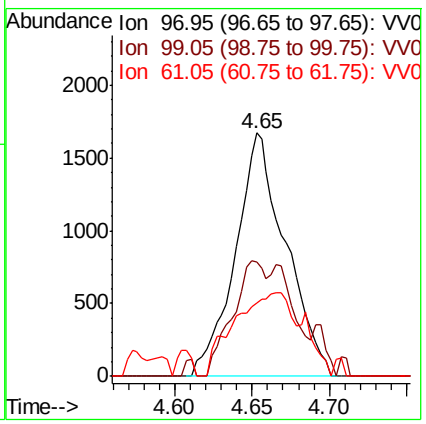


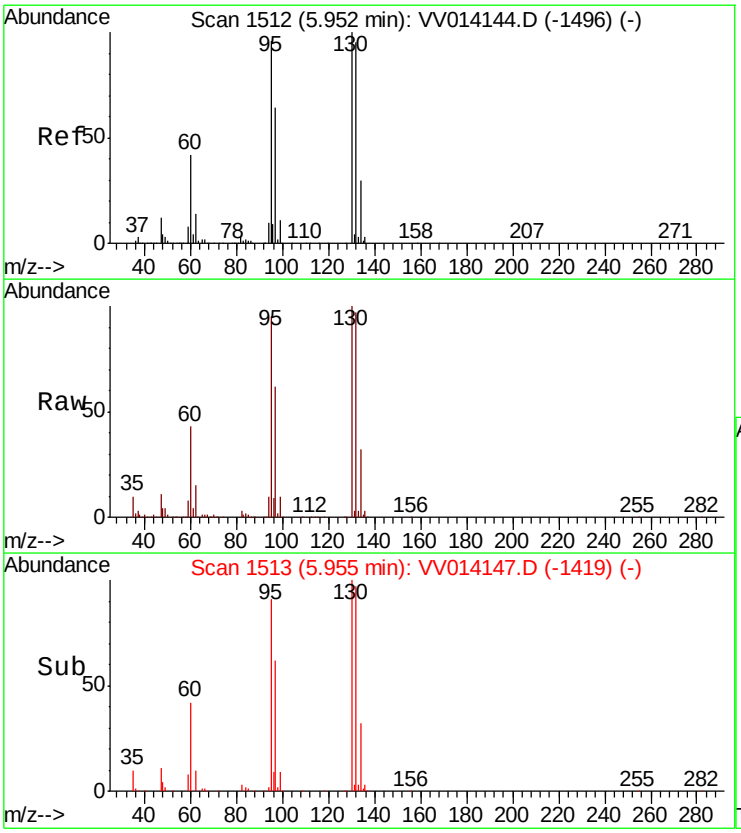
#29
1,1,1-Trichloroethane
Concen: 0.099 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument : MSVOA_V
ClientSampleId : BFDY9DL

Tgt Ion: 97 Resp: 3783

Ion	Ratio	Lower	Upper
97	100		
99	31.4	51.7	77.5#
61	46.8	35.0	52.6

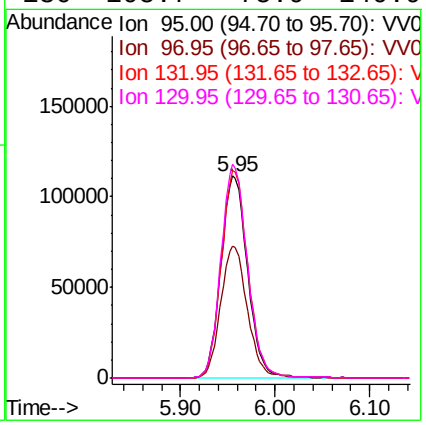


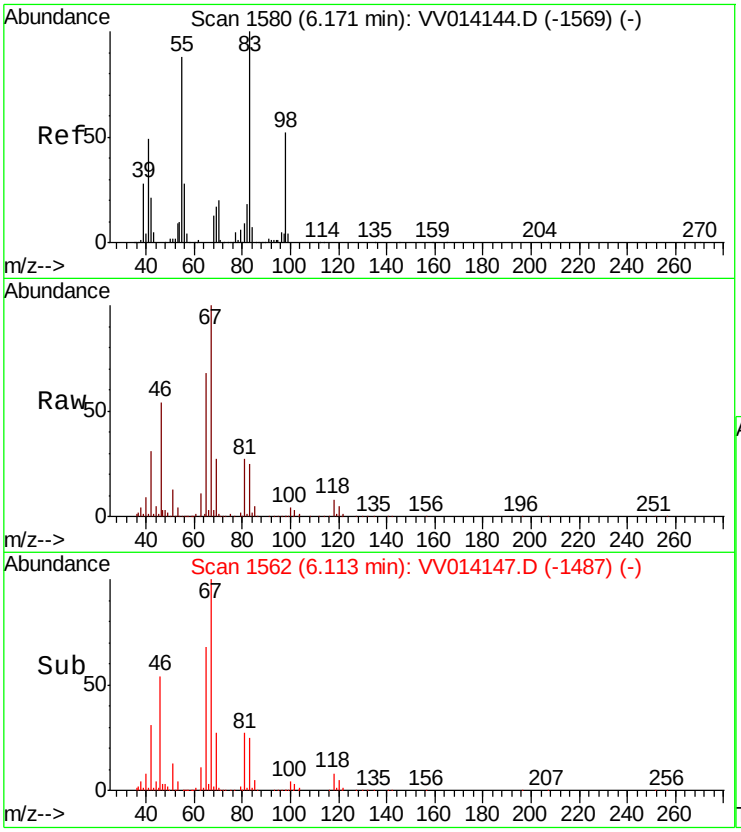


#34
Trichloroethene
Concen: 8.663 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion: 95 Resp: 219061

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.8
132	102.5	70.5	130.9
130	105.7	75.9	140.9



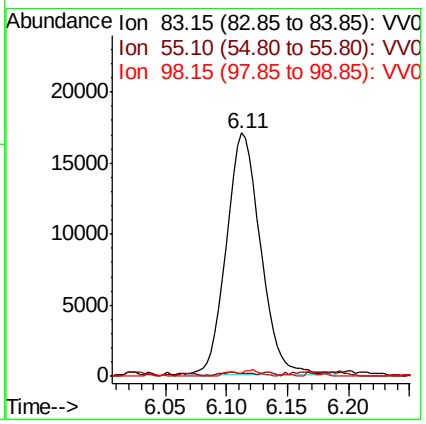


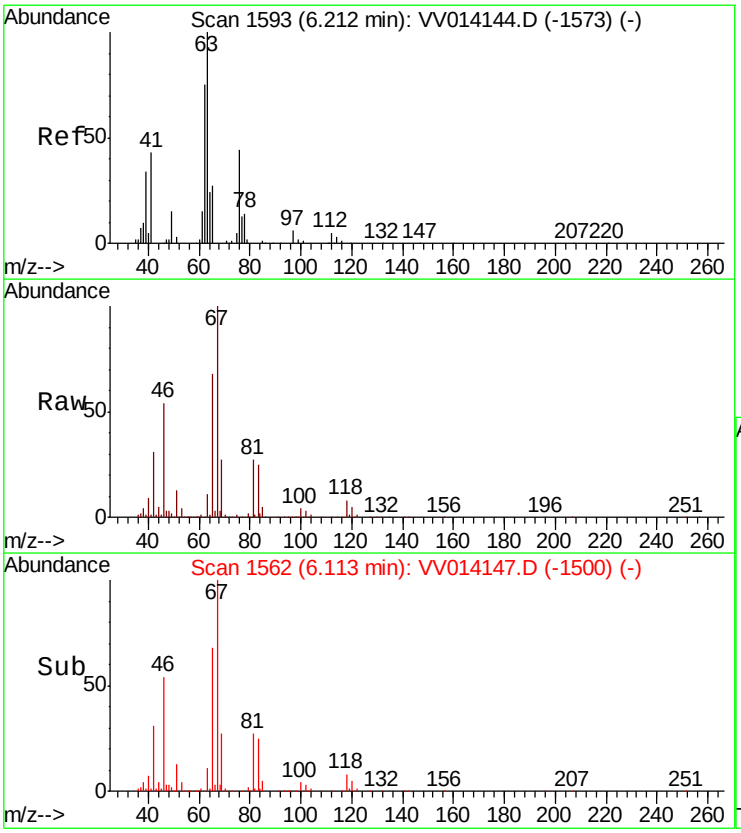
#35
Methylcyclohexane
Concen: 0.979 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument : MSVOA_V
ClientSampleId : BFDY9DL

Tgt Ion: 83 Resp: 33035

Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.3	90.5#
98	1.2	38.1	57.1#

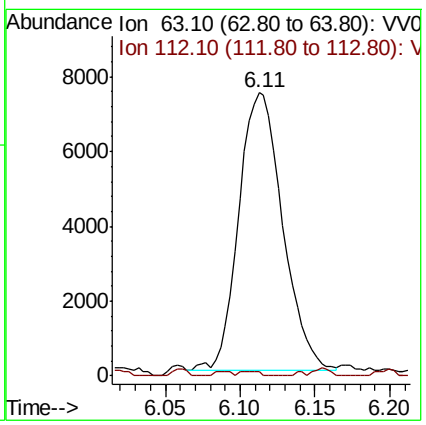


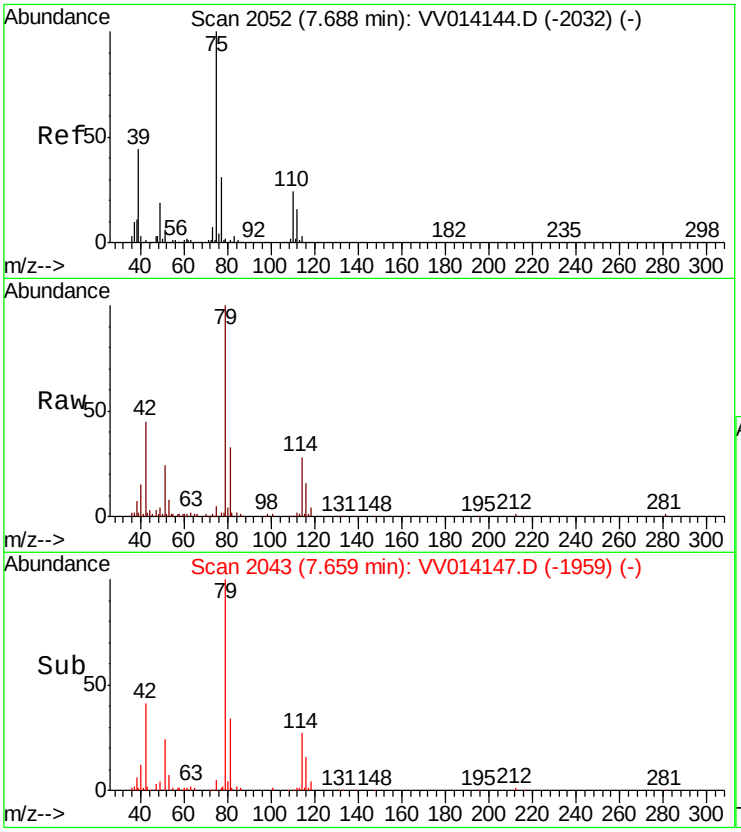


#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion: 63 Resp: 15131

Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.4	6.6#



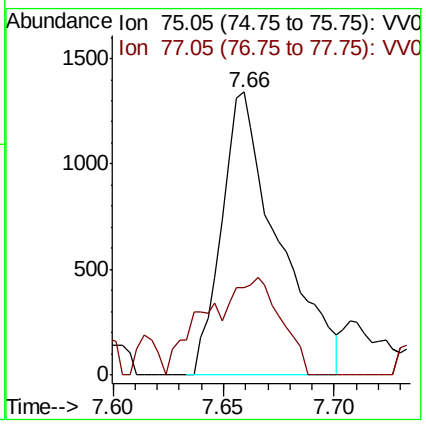


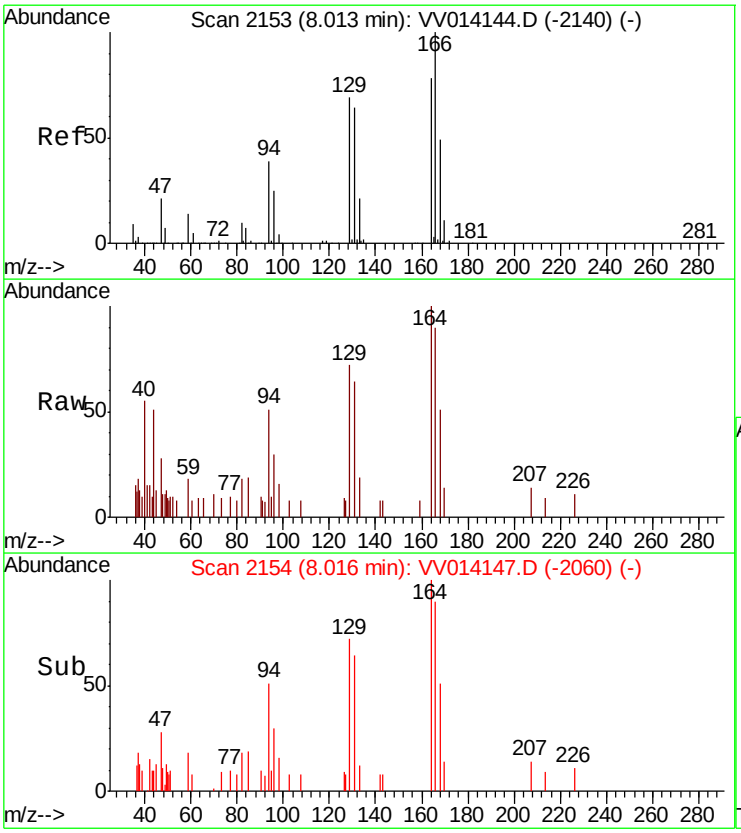
#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
BFDY9DL

Tgt Ion: 75 Resp: 2397

Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.0	42.8

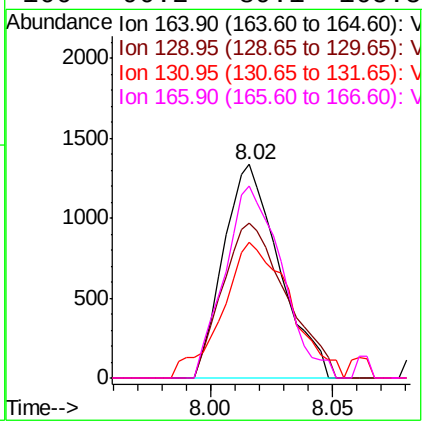


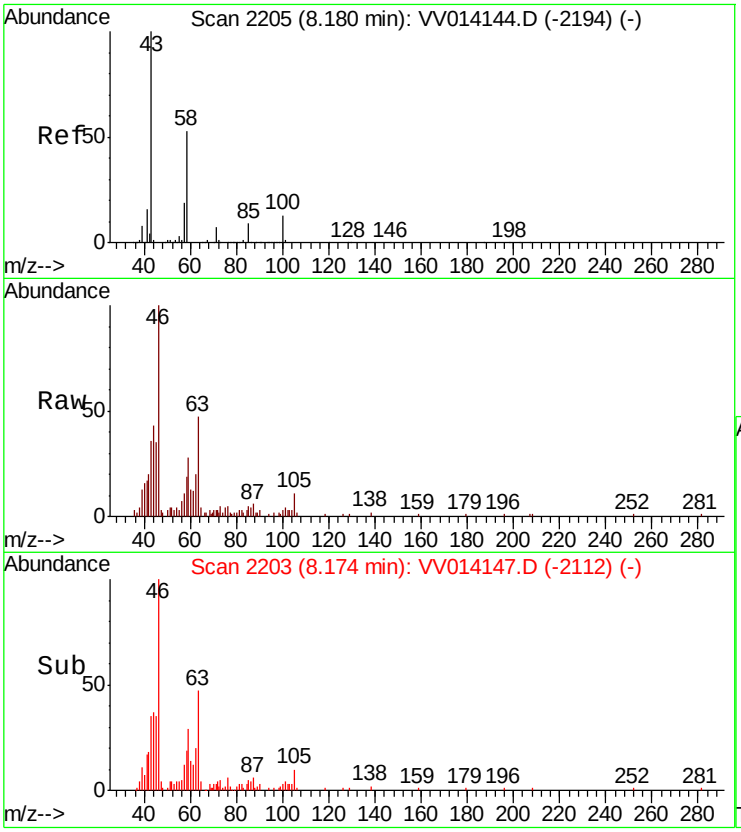


#47
Tetrachloroethene
Concen: 0.096 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Tgt Ion:164 Resp: 2117

Ion	Ratio	Lower	Upper
164	100		
129	72.4	60.3	112.1
131	63.7	59.9	111.3
166	90.2	89.1	165.5





#48
2-Hexanone
Concen: 0.686 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV014147.D
Acq: 20 Dec 2019 11:33

Instrument :
MSVOA_V
ClientSampleId :
BFDY9DL

Tgt Ion: 43 Resp: 6734

Ion	Ratio	Lower	Upper
43	100		
58	36.1	43.2	64.8#
57	0.0	15.4	23.2#
100	9.1	10.4	15.6#