Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041620\
Data File : VV015536.D
Acq On : 16 Apr 2020 15:01
Operator : SY/MD
Sample : L2320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 17 00:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 00:46:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109416	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	103180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49962	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	26057	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.57	69	24923	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.12	63	39110	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	3.96	46	72272	45.34	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.68%			
24) Chloroform-d	4.38	84	54770	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.06	65	31977	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.07	84	109203	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.10	67	34064	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.34	98	98408	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.65	79	13582	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.12	63	63606	42.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.08%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23218	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	37264	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	48058	4.438	ug/L	98
3) Chloromethane	1.14	50	9916	0.961	ug/L #	51
9) Trichlorofluoromethane	1.76	101	4010	0.316	ug/L	99
12) 1,1-Dichloroethene	2.13	96	2446	0.356	ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	15728	0.857	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	1003	0.130	ug/L	99
19) 1,1-Dichloroethane	3.21	63	2054	0.141	ug/L #	91
22) cis-1,2-Dichloroethene	3.94	96	18287	2.276	ug/L	94
25) Chloroform	4.41	83	5065	0.339	ug/L	95
27) 1,2-Dichloroethane	5.17	62	881	0.091	ug/L #	77
33) Benzene	5.13	78	2050	0.066	ug/L	100
34) Trichloroethene	5.94	95	453300	54.535	ug/L	100
35) Methylcyclohexane	6.10	83	8599	0.614	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4281	0.559	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1070	0.091	ug/L #	71
44) trans-1,3-Dichloropropene	7.65	75	617	0.062	ug/L #	76
45) 1,1,2-Trichloroethane	7.99	97	3796	0.737	ug/L #	11

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041620\
Data File : VV015536.D
Acq On : 16 Apr 2020 15:01
Operator : SY/MD
Sample : L2320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 17 00:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 00:46:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Tetrachloroethene	8.00	164	376067	61.067	ug/L		99
48) 2-Hexanone	8.12	43	8928	2.541	ug/L	#	76
49) Dibromochloromethane	8.00	129	358303	58.096	ug/L	#	10
63) 1,4-Dichlorobenzene	11.30	146	1445	0.088	ug/L		93

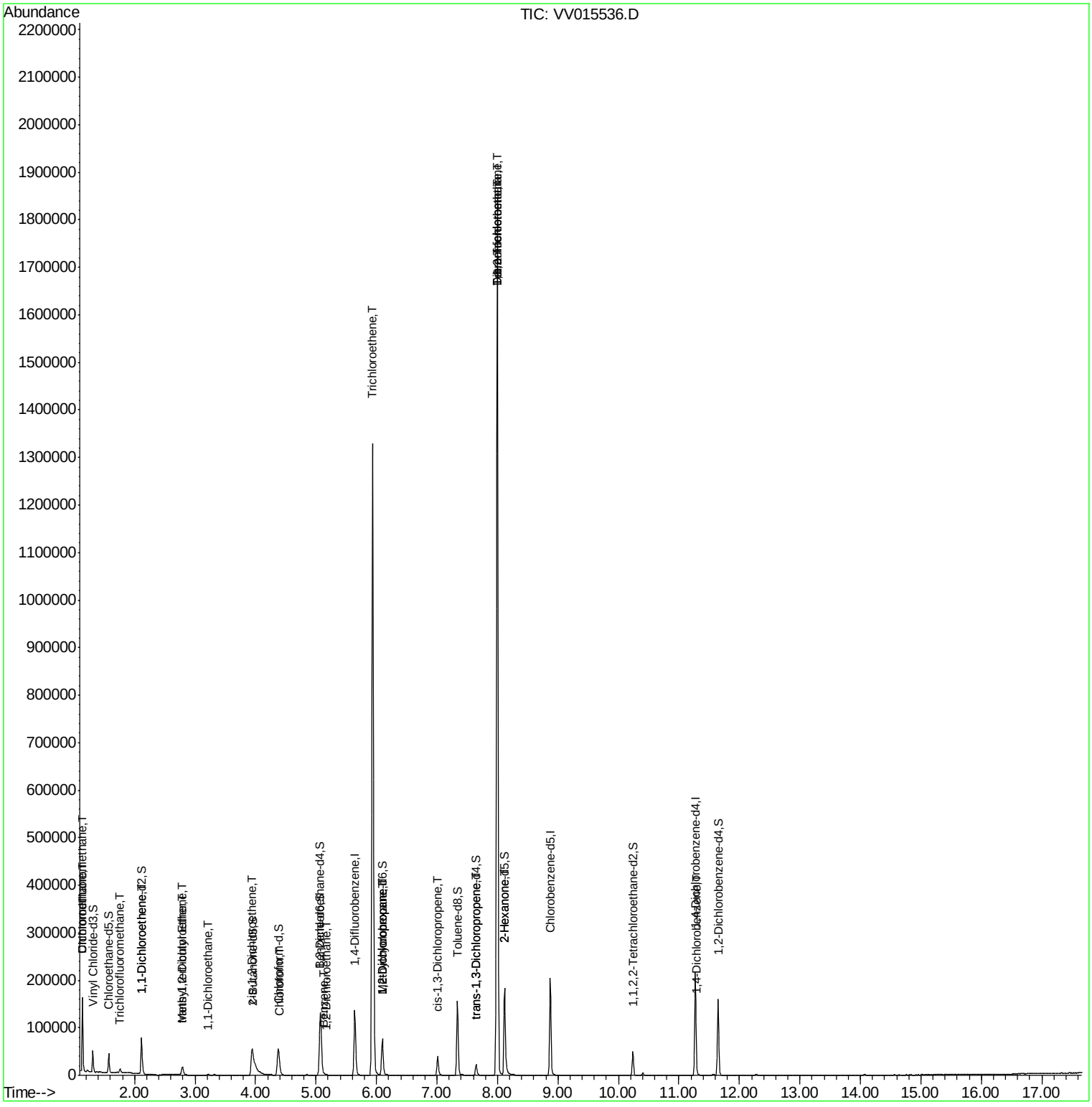
(#) = qualifier out of range (m) = manual integration (+) = signals summed

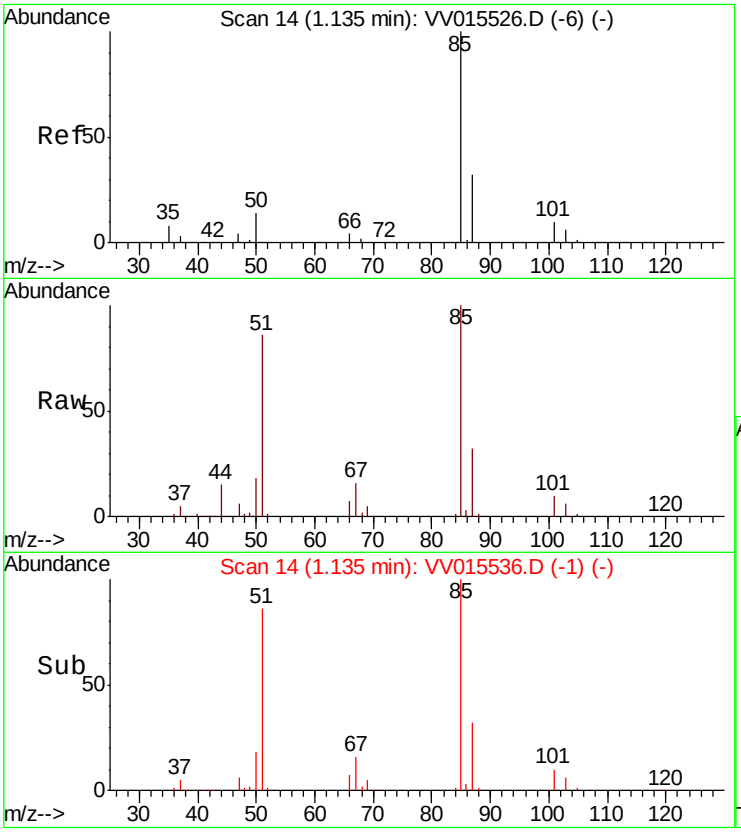
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041620\
Data File : VV015536.D
Acq On : 16 Apr 2020 15:01
Operator : SY/MD
Sample : L2320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 17 00:49:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 17 00:46:36 2020
Response via : Initial Calibration



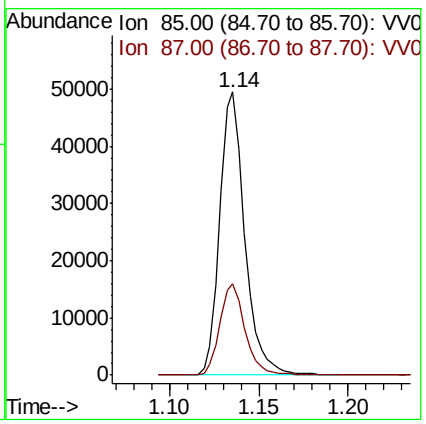


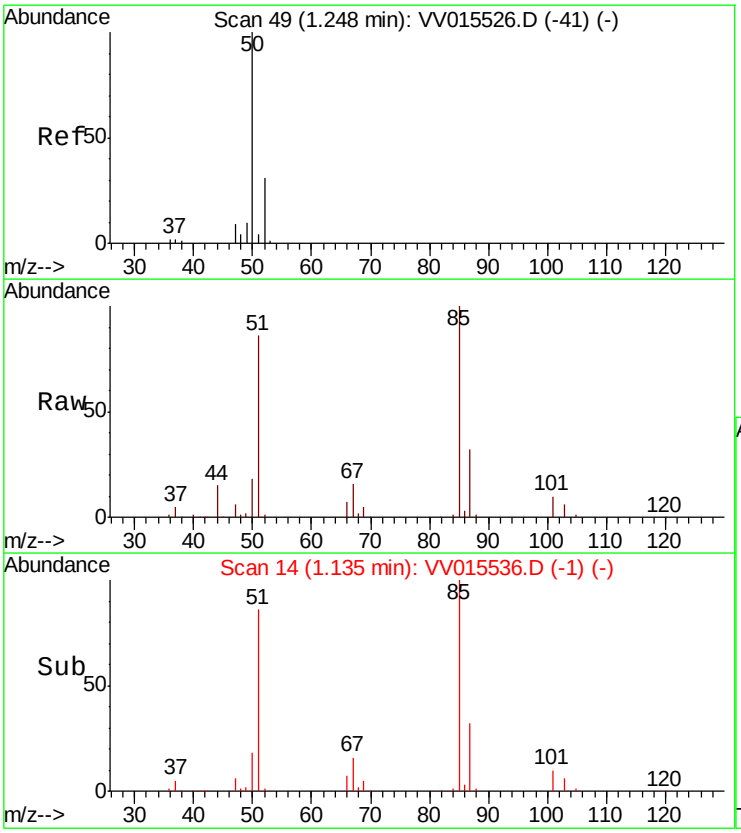
#2
Dichlorodifluoromethane
Concen: 4.438 ug/L
RT: 1.14 min Scan# 14
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 48058

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.3	37.9

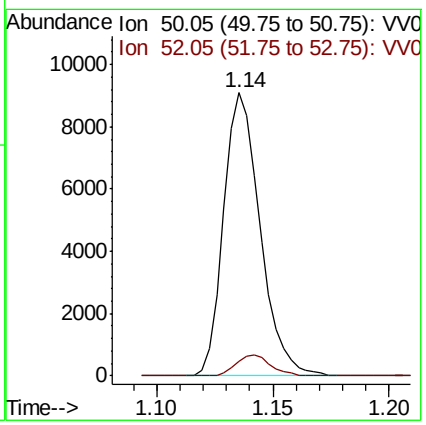


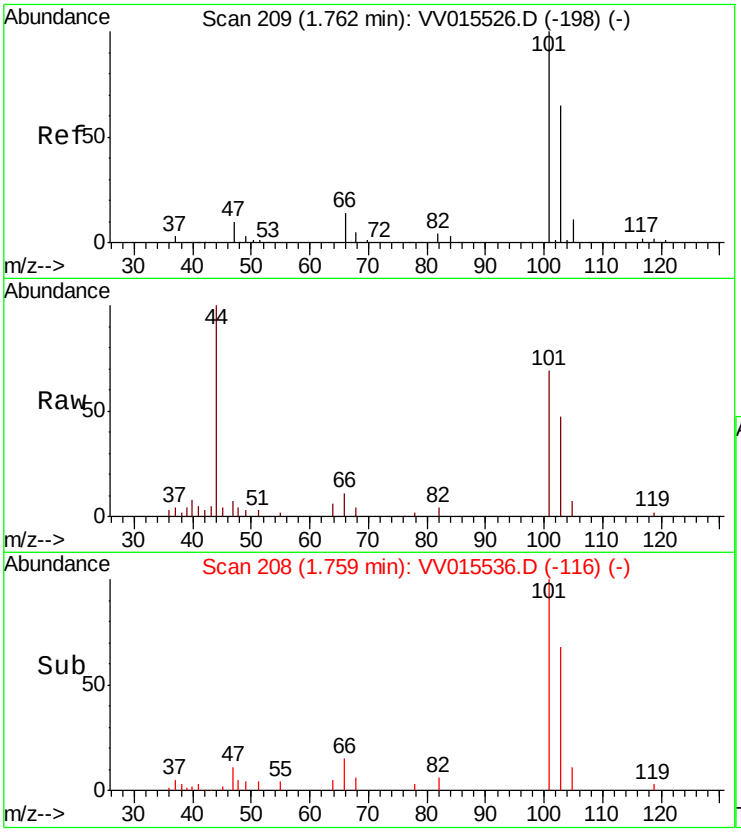


#3
Chloromethane
Concen: 0.961 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.11 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 50 Resp: 9916

Ion	Ratio	Lower	Upper
50	100		
52	5.0	22.7	42.1#



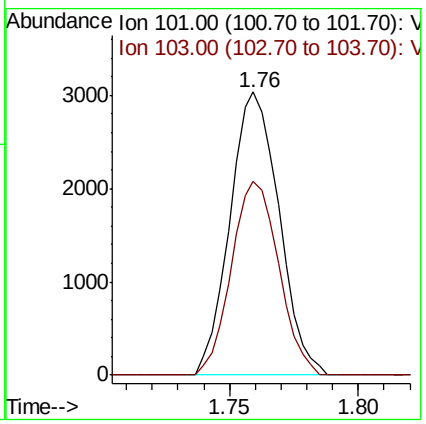


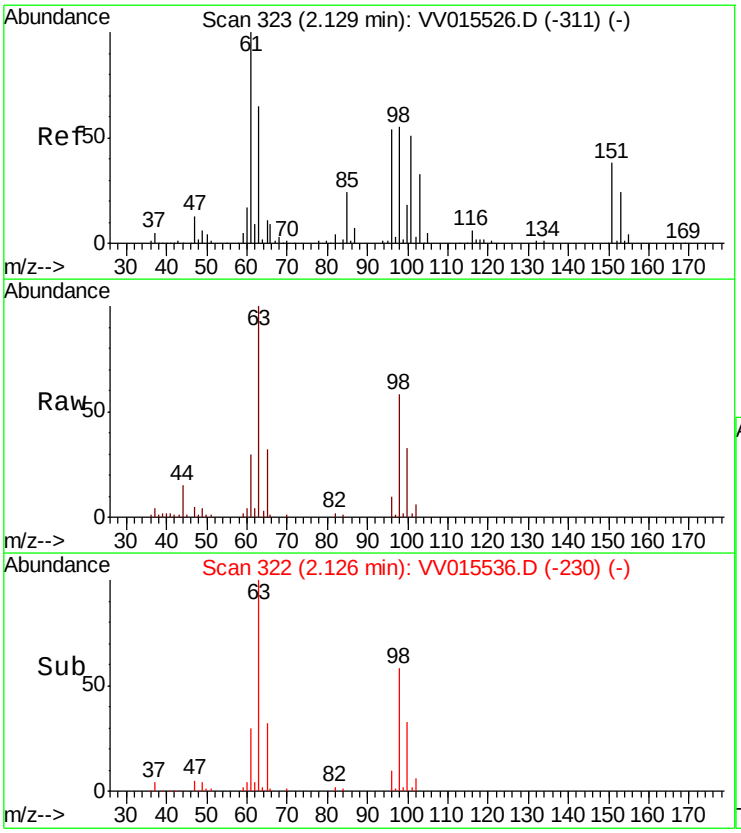
#9
Trichlorofluoromethane
Concen: 0.316 ug/L
RT: 1.76 min Scan# 208
Delta R.T. -0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 4010

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.9	77.9

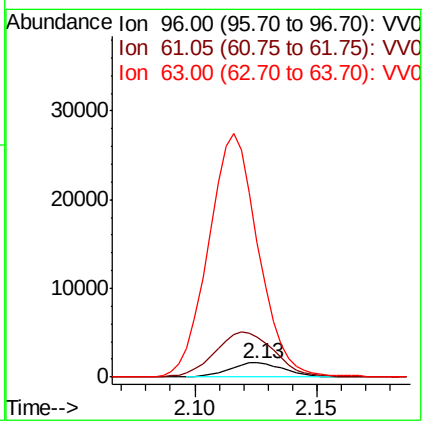


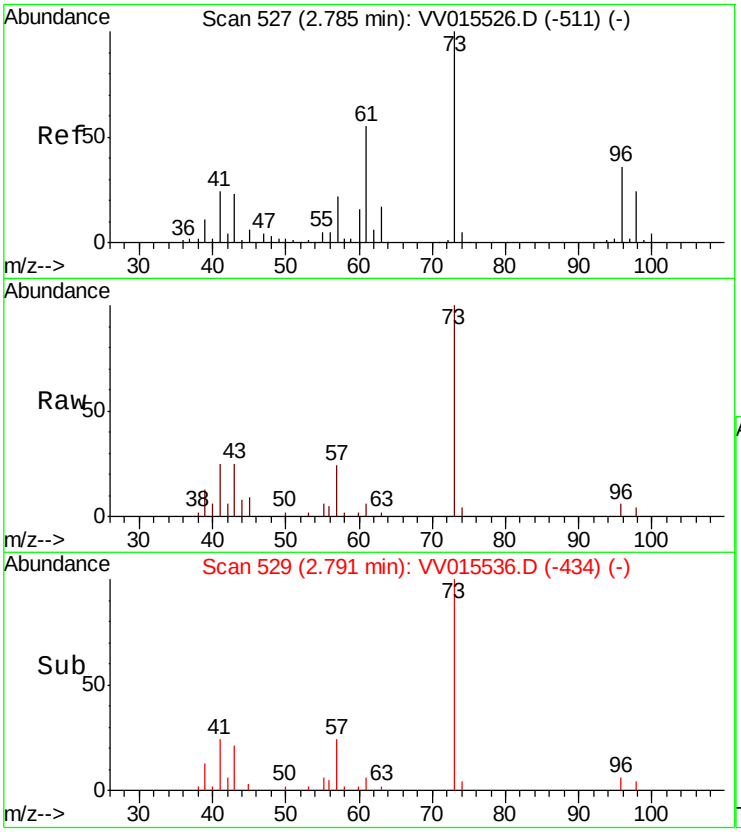


#12
1,1-Dichloroethene
Concen: 0.356 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 96 Resp: 2446

Ion	Ratio	Lower	Upper
96	100		
61	284.0	127.7	237.1#
63	960.4	75.1	139.5#



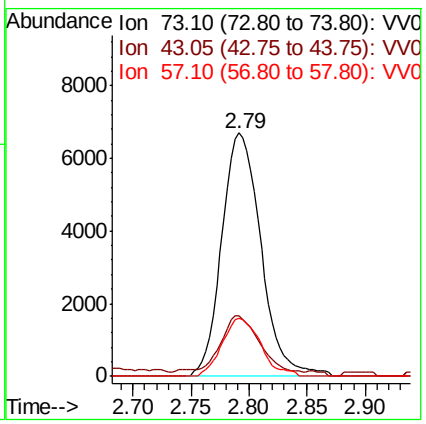


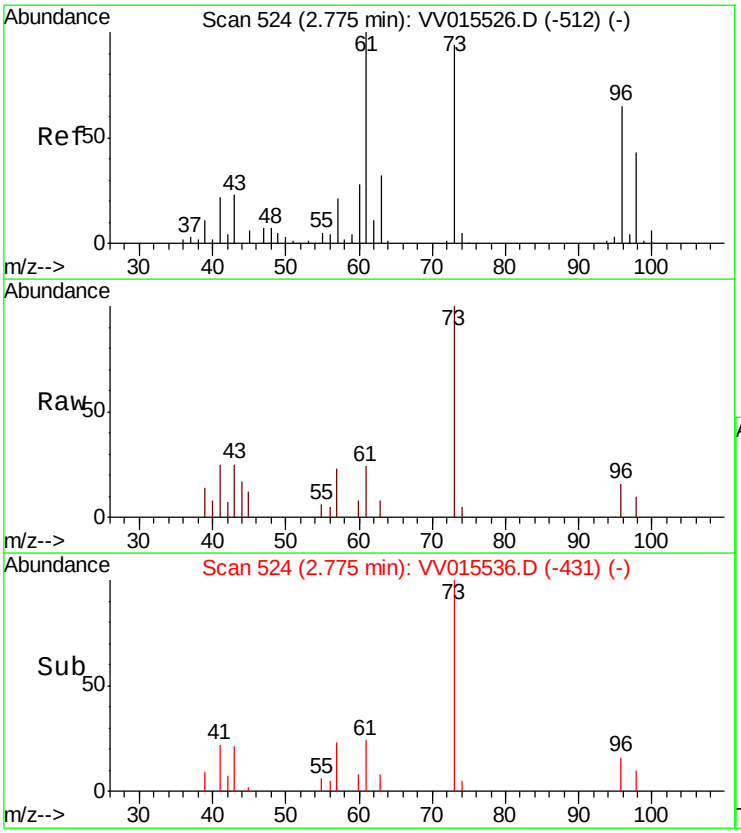
#17
Methyl tert-butyl Ether
Concen: 0.857 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 15728

Ion	Ratio	Lower	Upper
73	100		
43	21.6	18.3	27.5
57	23.3	18.4	27.6

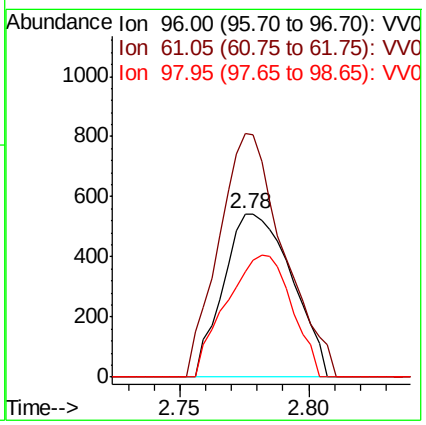


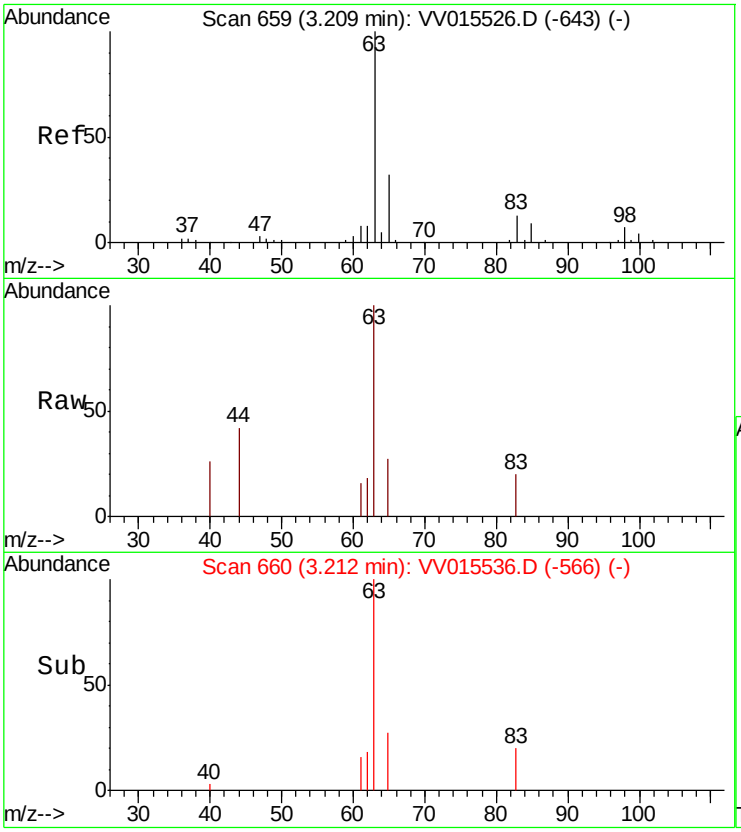


#18
trans-1,2-Dichloroethene
Concen: 0.130 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 96 Resp: 1003

Ion	Ratio	Lower	Upper
96	100		
61	149.2	104.4	194.0
98	64.8	42.8	79.4



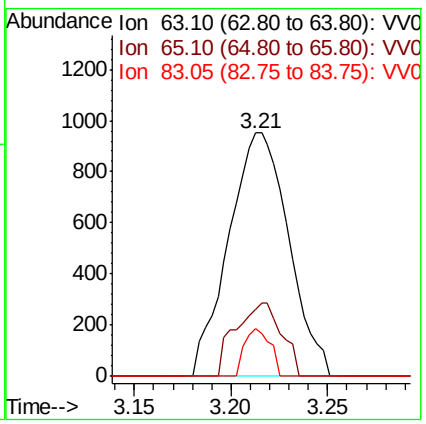


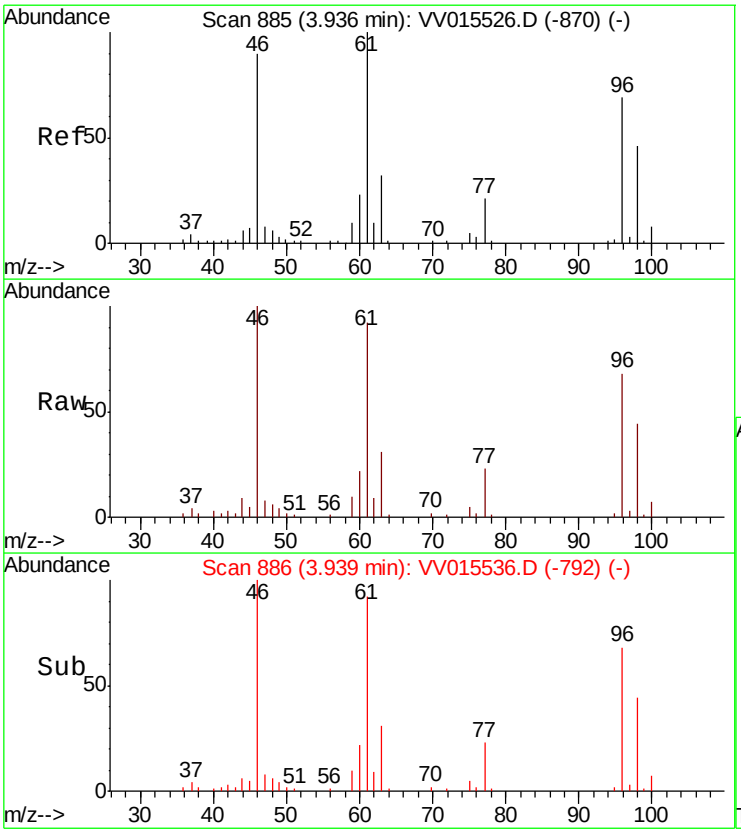
#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 2054

Ion	Ratio	Lower	Upper
63	100		
65	27.4	21.3	39.6
83	19.5	9.4	17.6#

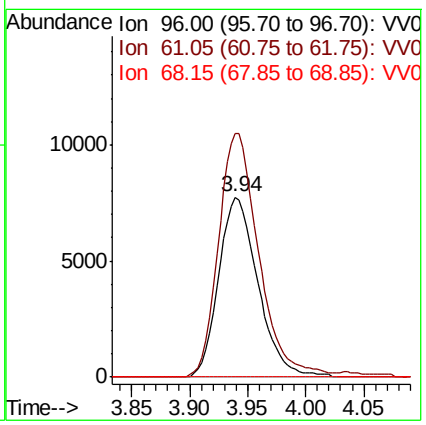


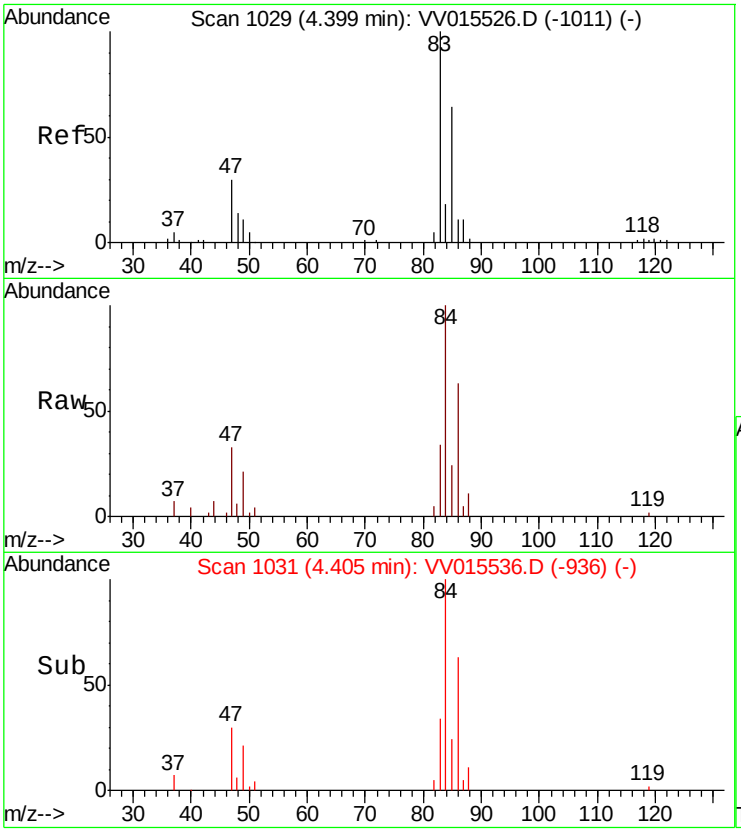


#22
cis-1,2-Dichloroethene
Concen: 2.276 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 96 Resp: 18287

Ion	Ratio	Lower	Upper
96	100		
61	135.6	100.0	185.8
68	0.0	0.0	0.0



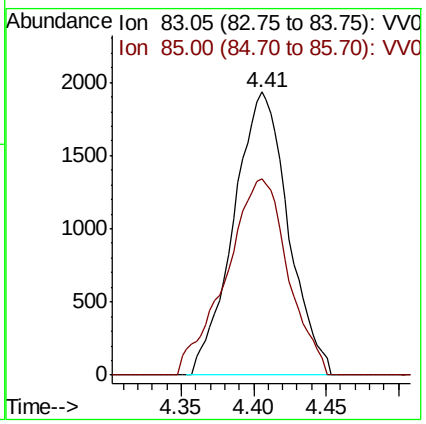


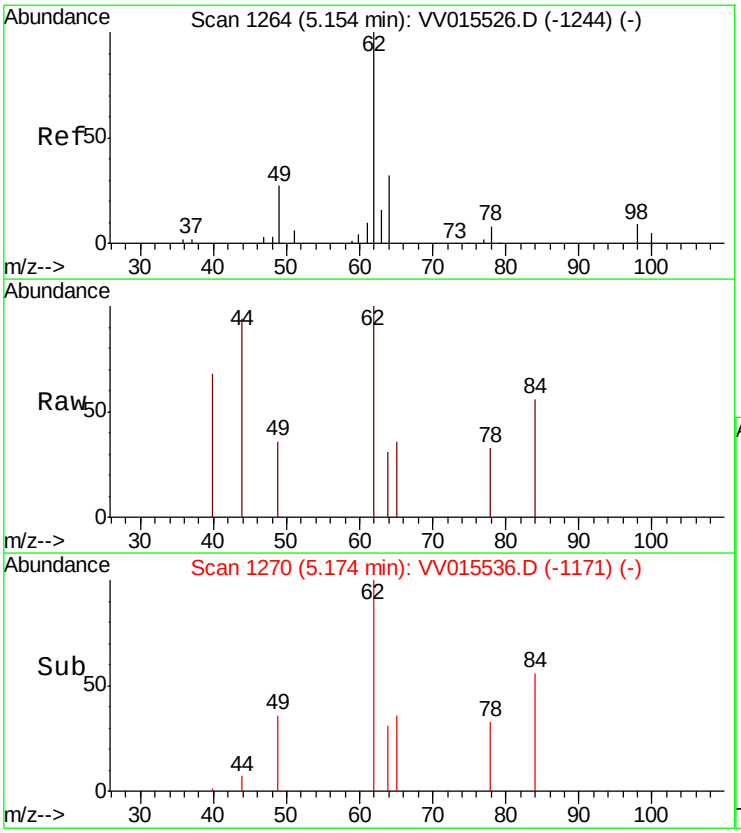
#25
Chloroform
Concen: 0.339 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5065

Ion	Ratio	Lower	Upper
83	100		
85	69.5	45.9	85.3

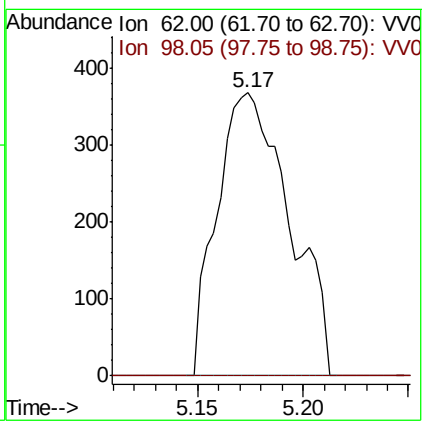


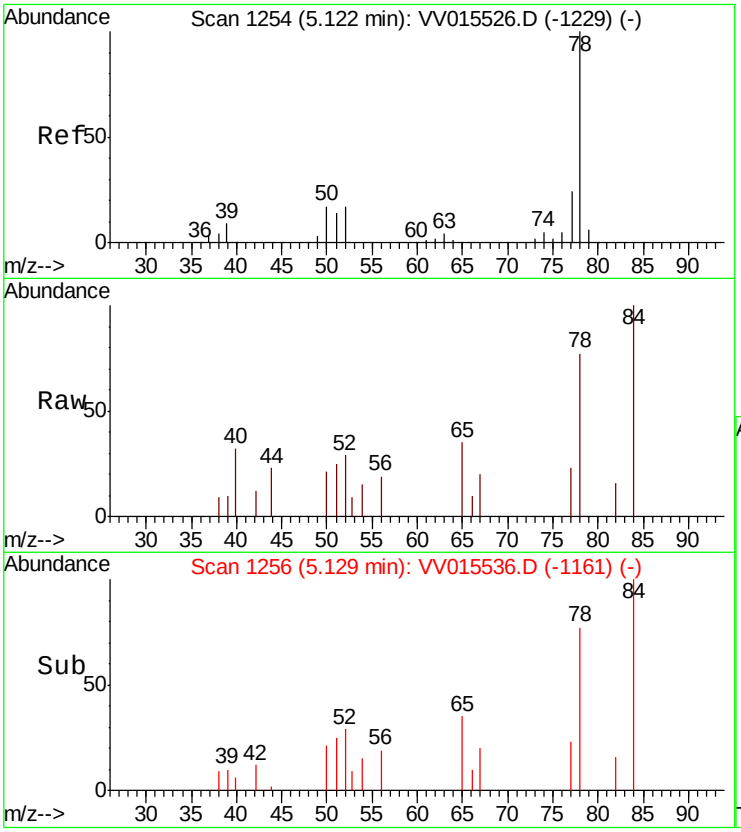


#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. 0.02 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 62 Resp: 881

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

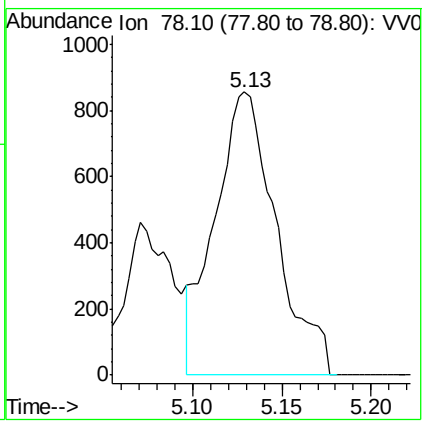


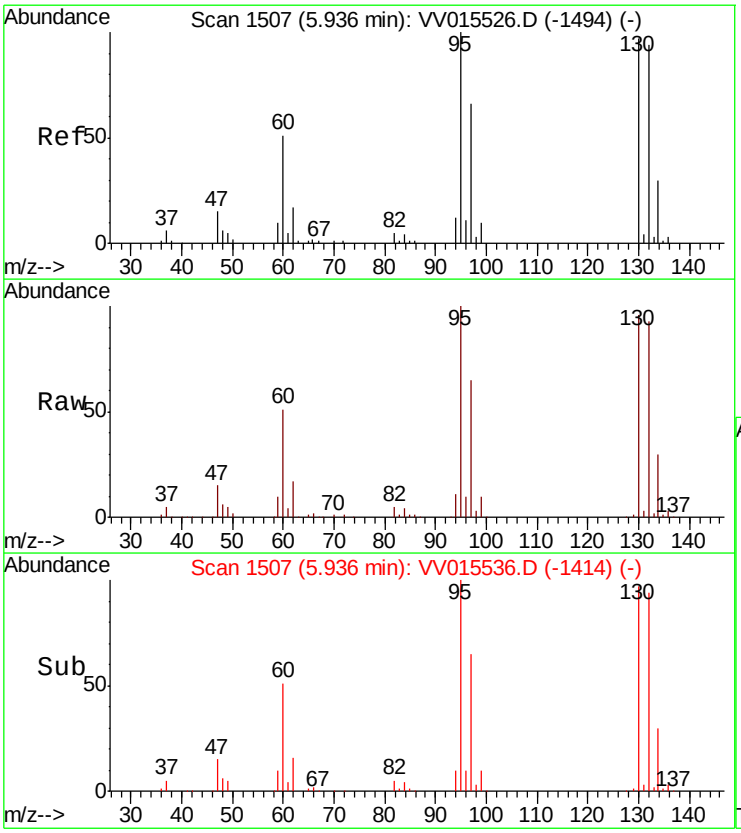


#33
Benzene
Concen: 0.066 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 2050

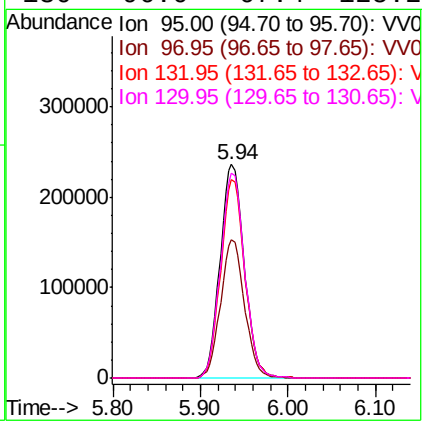


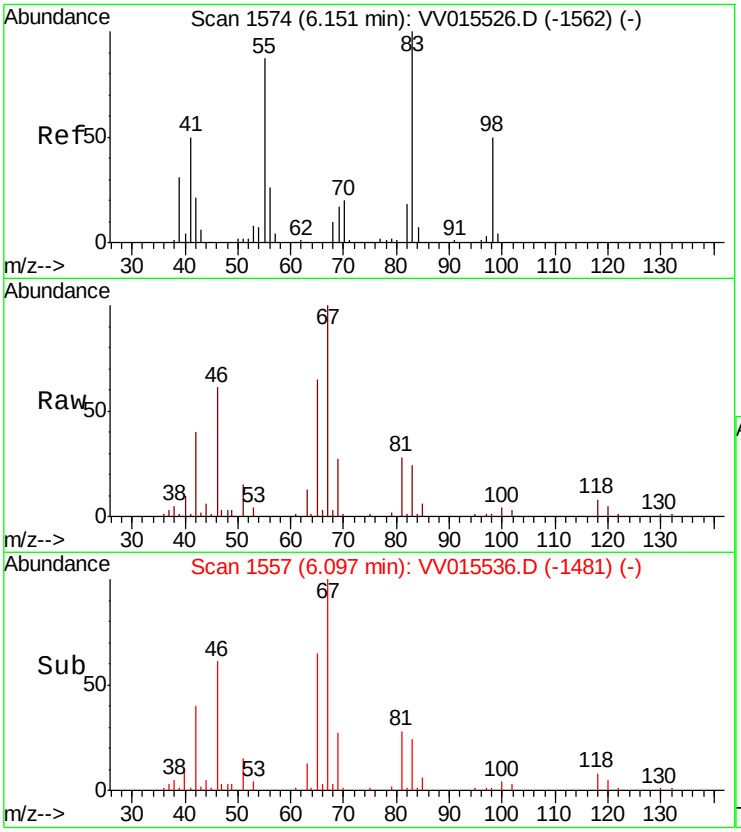


#34
Trichloroethene
Concen: 54.535 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 95 Resp: 453300

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.4
132	93.1	64.8	120.4
130	96.0	67.4	125.2



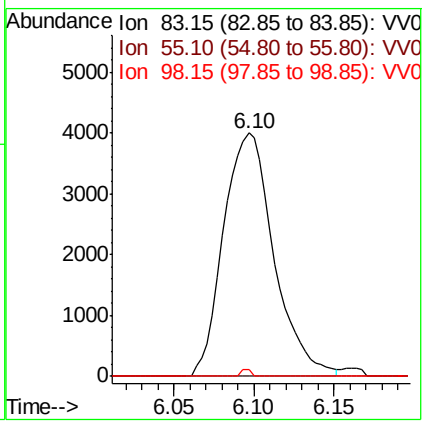


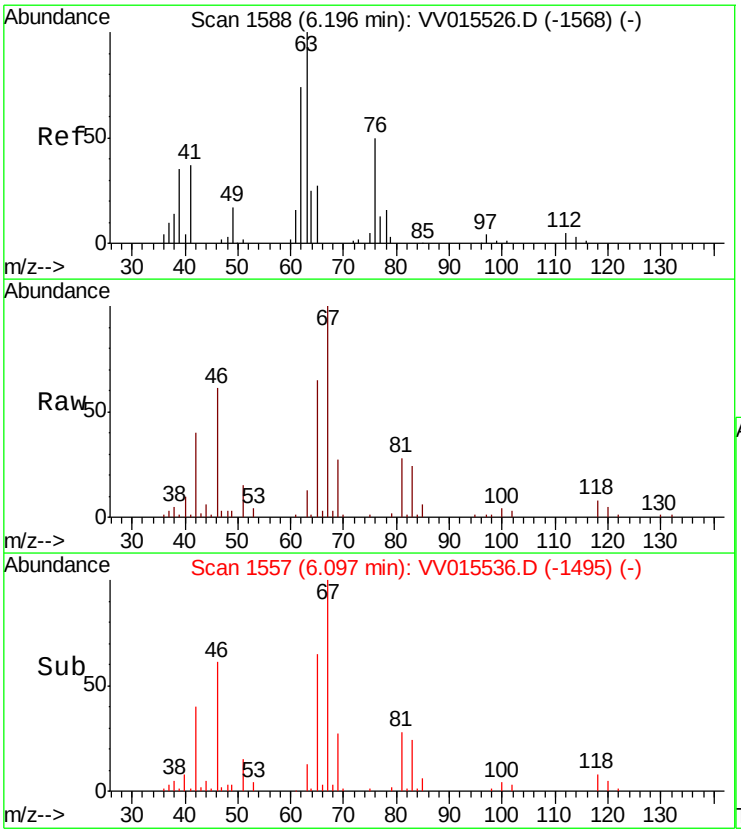
#35
Methylcyclohexane
Concen: 0.614 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 8599

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.6	99.8#
98	0.0	38.7	58.1#

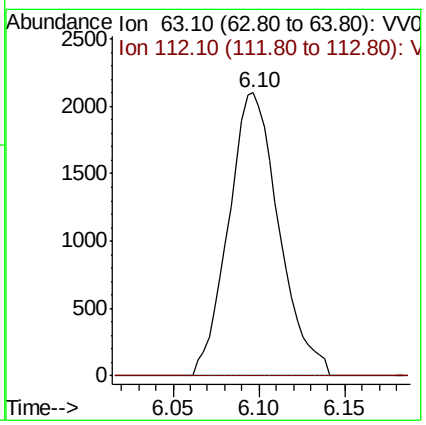


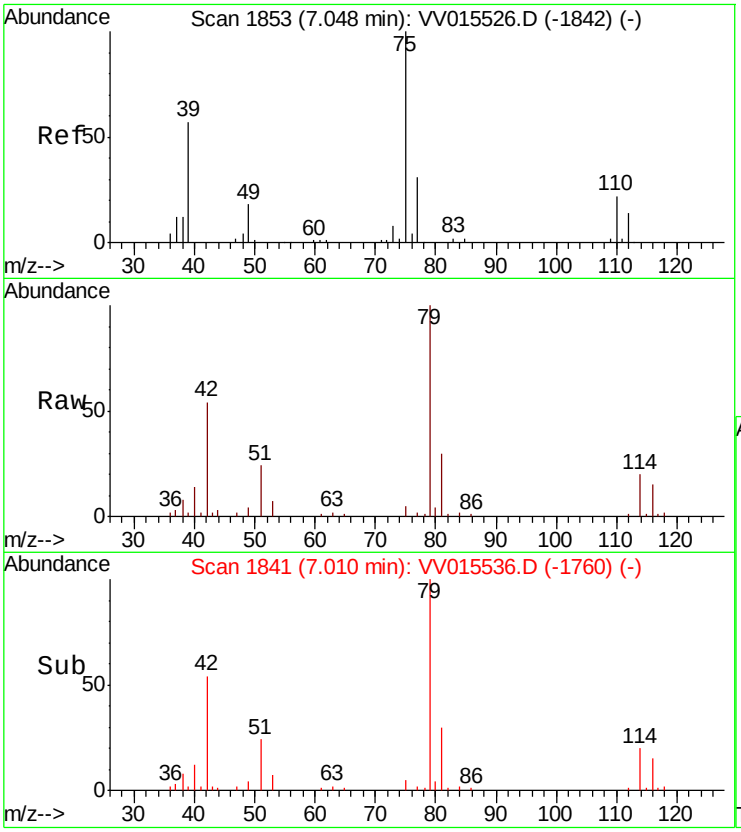


#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 63 Resp: 4281

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



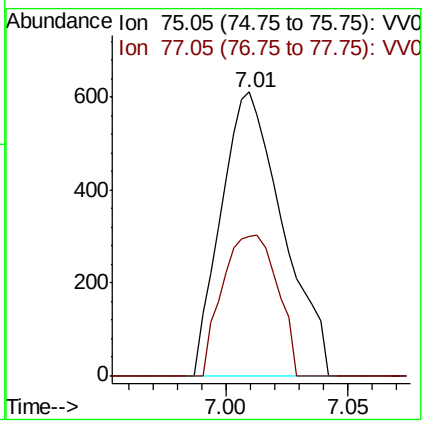


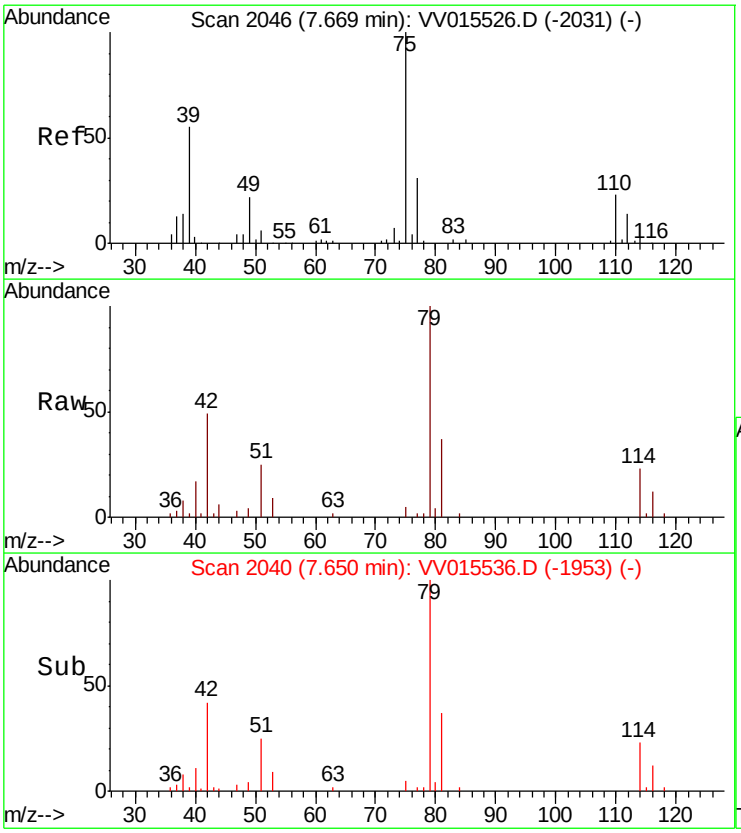
#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1070

Ion	Ratio	Lower	Upper
75	100		
77	48.9	23.0	42.6#

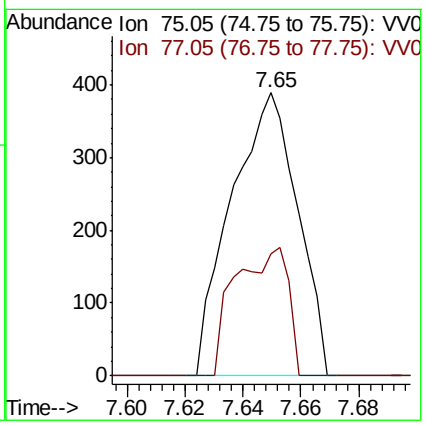


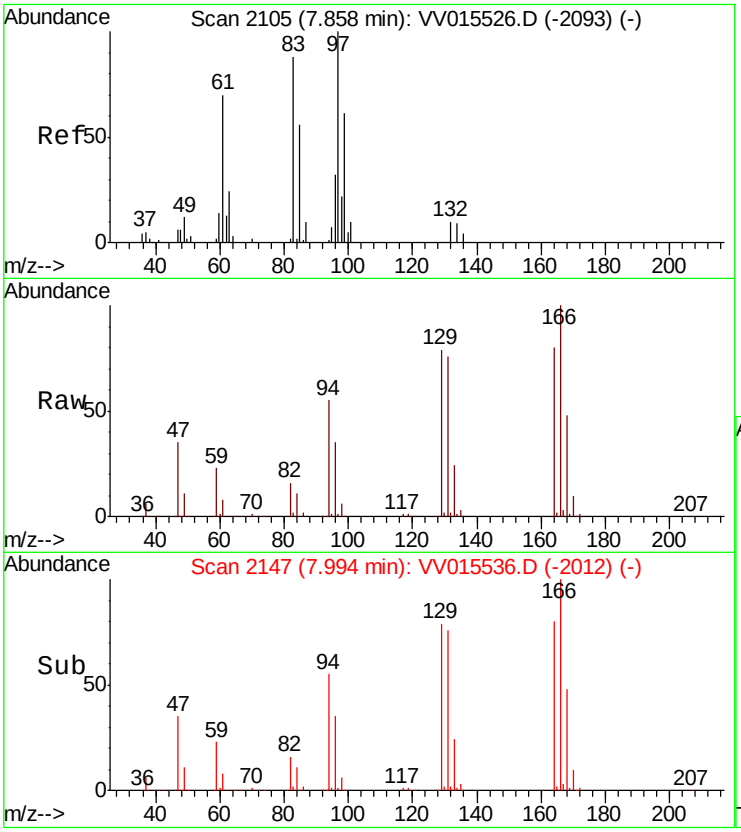


#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion: 75 Resp: 617

Ion	Ratio	Lower	Upper
75	100		
77	42.9	21.0	39.0#



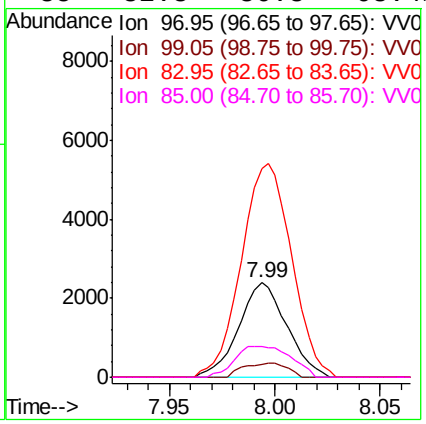


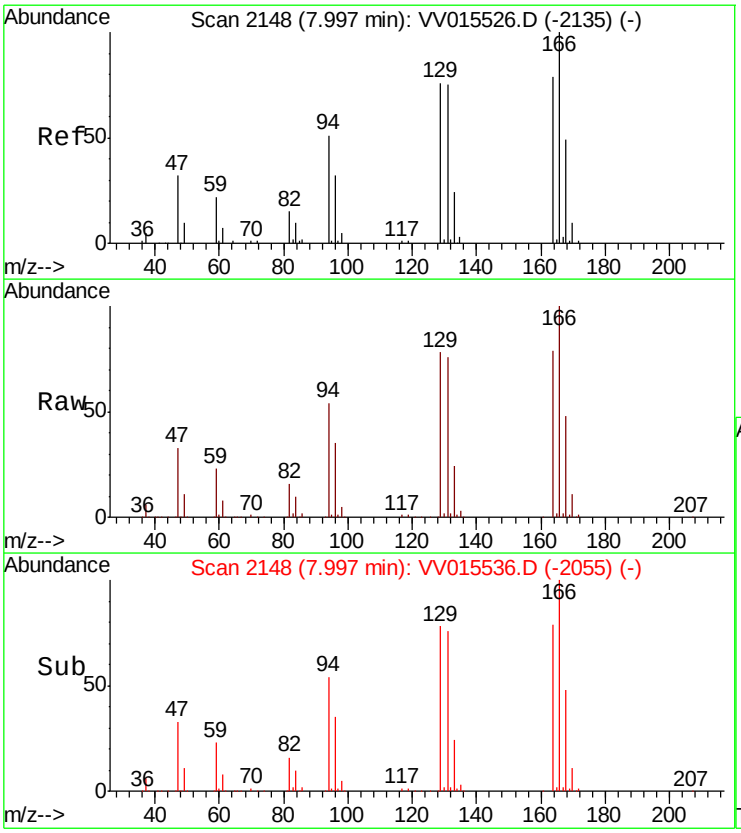
#45
1,1,2-Trichloroethane
Concen: 0.737 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 3796

Ion	Ratio	Lower	Upper
97	100		
99	14.3	41.3	76.7#
83	221.3	60.5	112.3#
85	32.3	36.8	68.4#

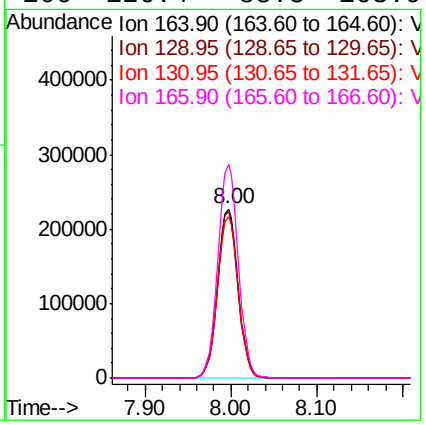


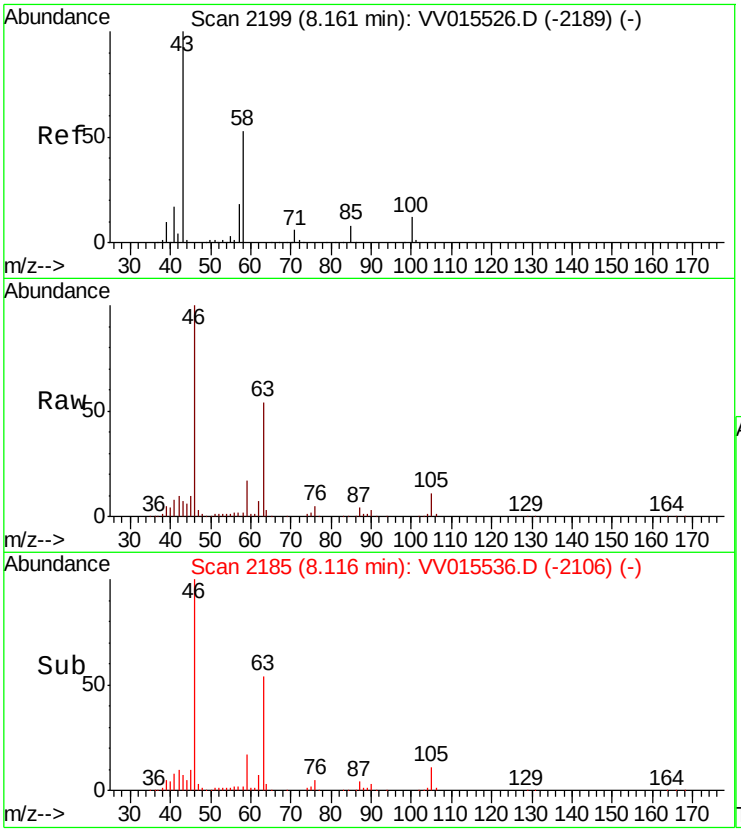


#47
Tetrachloroethene
Concen: 61.067 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion:164 Resp: 376067

Ion	Ratio	Lower	Upper
164	100		
129	98.5	70.6	131.0
131	95.7	68.3	126.8
166	126.4	88.3	163.9



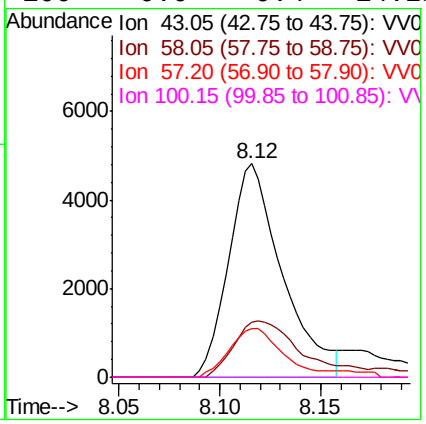


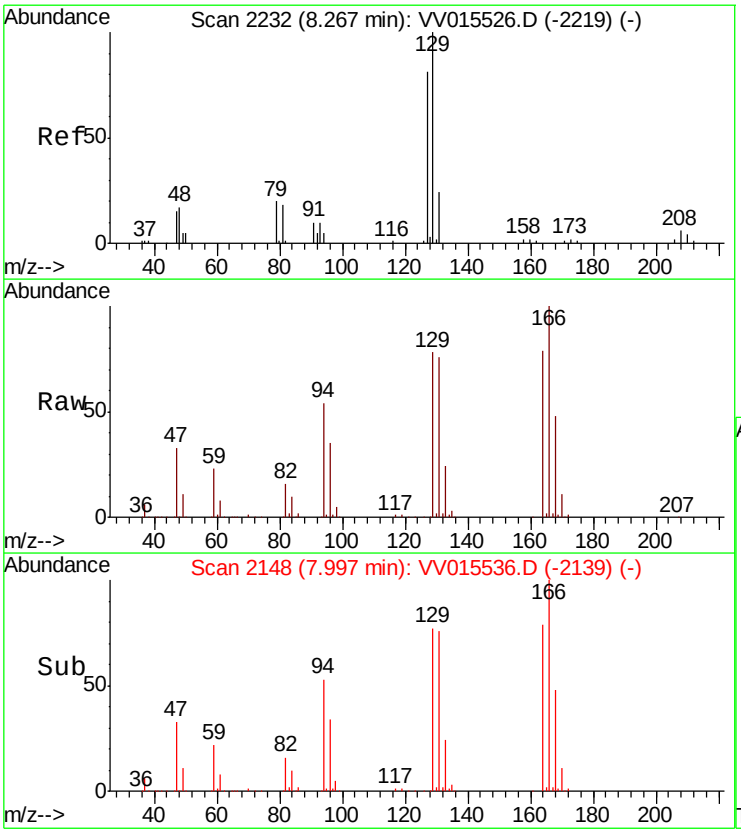
#48
2-Hexanone
Concen: 2.541 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.04 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8928

Ion	Ratio	Lower	Upper
43	100		
58	33.4	41.4	62.0#
57	24.8	15.0	22.4#
100	0.0	9.4	14.2#

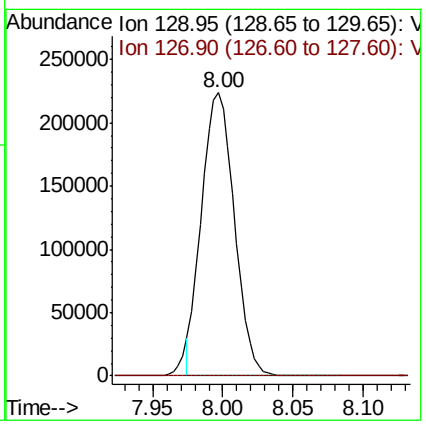


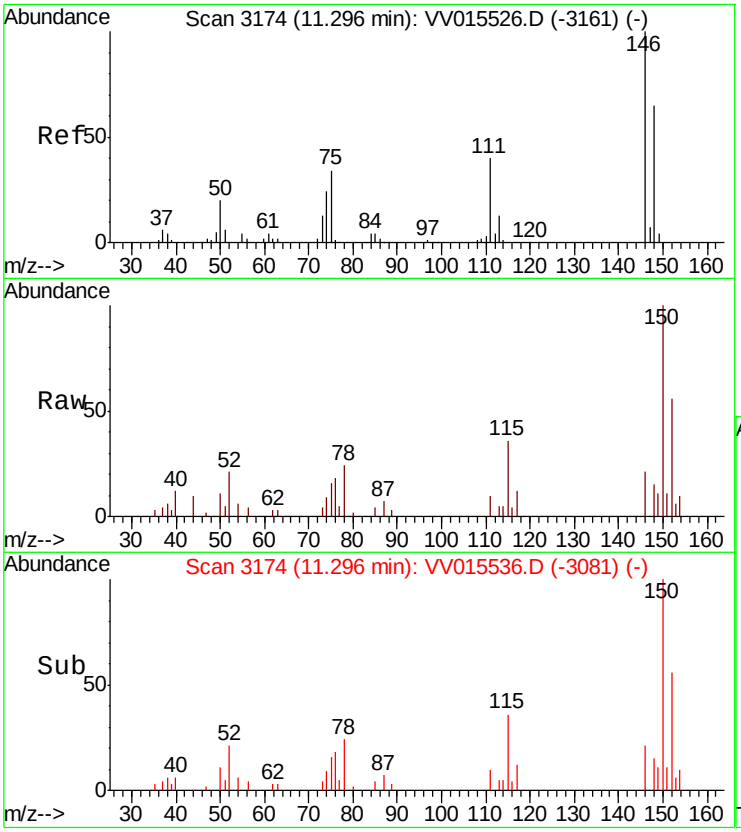


#49
Dibromochloromethane
Concen: 58.096 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Tgt Ion:129 Resp: 358303

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#63
1,4-Dichlorobenzene
Concen: 0.088 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV015536.D
Acq: 16 Apr 2020 15:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1445

Ion	Ratio	Lower	Upper
146	100		
111	47.0	29.4	54.6
148	68.3	44.3	82.3