Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041720\
Data File : VV015549.D
Acq On : 17 Apr 2020 12:53
Operator : SY/MD
Sample : L2320-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 18 00:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93969	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	43661	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	23854	4.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%			
7) Chloroethane-d5	1.58	69	22700	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.12	63	36219	3.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.60%			
20) 2-Butanone-d5	3.94	46	74954	54.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.50%			
24) Chloroform-d	4.38	84	53232	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.06	65	30919	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.07	84	102916	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.09	67	32536	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.34	98	91751	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.64	79	12744	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	8.11	63	61488	47.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.52%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	20951	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	35138	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4076	0.438	ug/L	99
9) Trichlorofluoromethane	1.76	101	57747	5.292	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1521	0.247	ug/L	89
12) 1,1-Dichloroethene	2.13	96	1306	0.221	ug/L #	1
16) Methylene chloride	2.52	84	1735	0.251	ug/L	92
17) Methyl tert-butyl Ether	2.79	73	7262	0.461	ug/L #	93
18) trans-1,2-Dichloroethene	2.78	96	1592	0.239	ug/L	95
19) 1,1-Dichloroethane	3.21	63	2759	0.220	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	3562	0.516	ug/L	82
25) Chloroform	4.40	83	3009	0.235	ug/L	100
34) Trichloroethene	5.94	95	34043	4.757	ug/L	98
35) Methylcyclohexane	6.09	83	7969	0.661	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	4219	0.640	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1116	0.110	ug/L #	81
44) trans-1,3-Dichloropropene	7.65	75	588	0.069	ug/L	87
47) Tetrachloroethene	8.00	164	29132	5.495	ug/L	98
48) 2-Hexanone	8.11	43	8131	2.688	ug/L #	76

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041720\
Data File : VV015549.D
Acq On : 17 Apr 2020 12:53
Operator : SY/MD
Sample : L2320-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 18 00:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.00	129	27826	5.241	ug/L	#	10
63) 1,4-Dichlorobenzene	11.30	146	833	0.058	ug/L		93

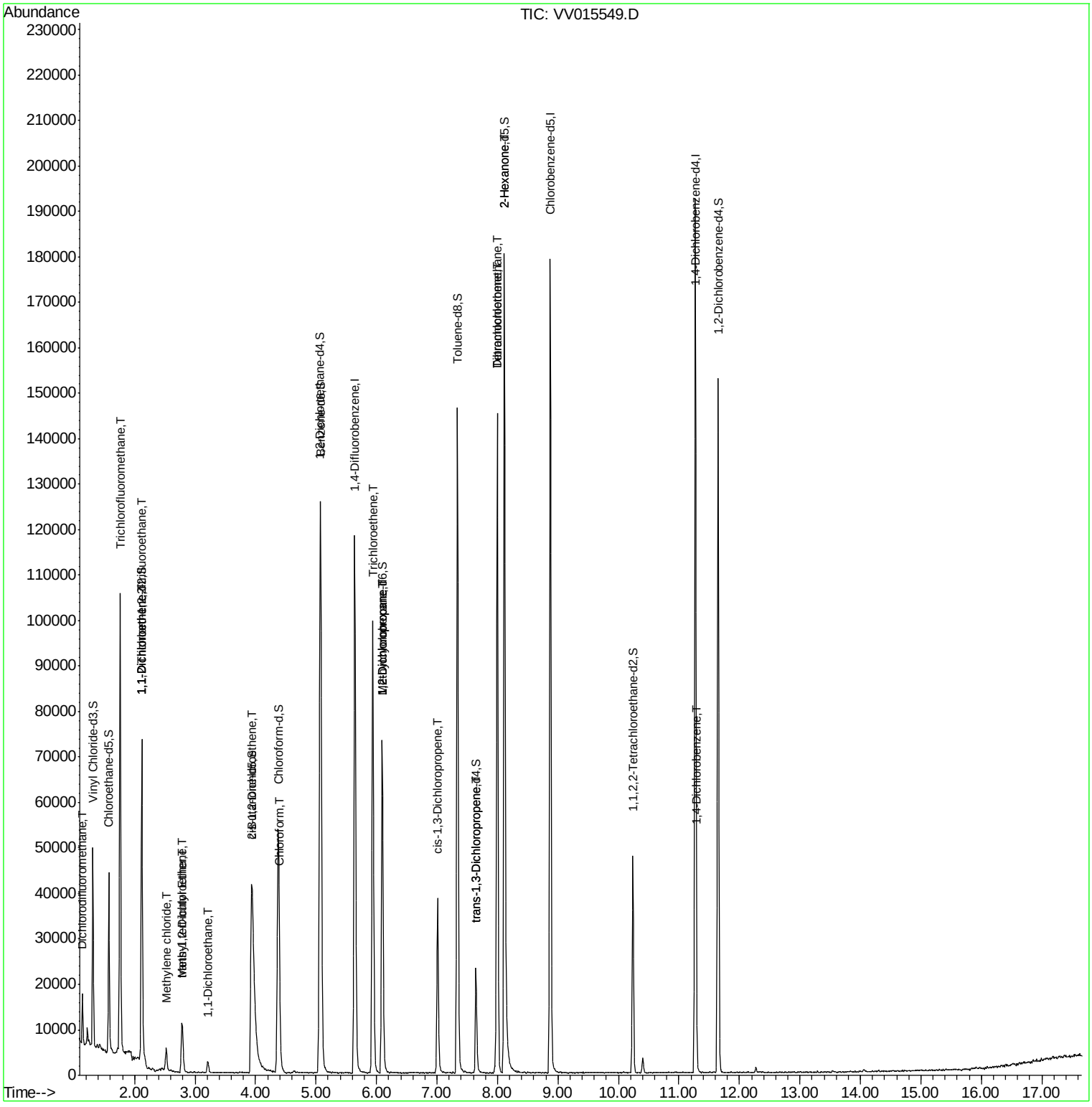
(#) = qualifier out of range (m) = manual integration (+) = signals summed

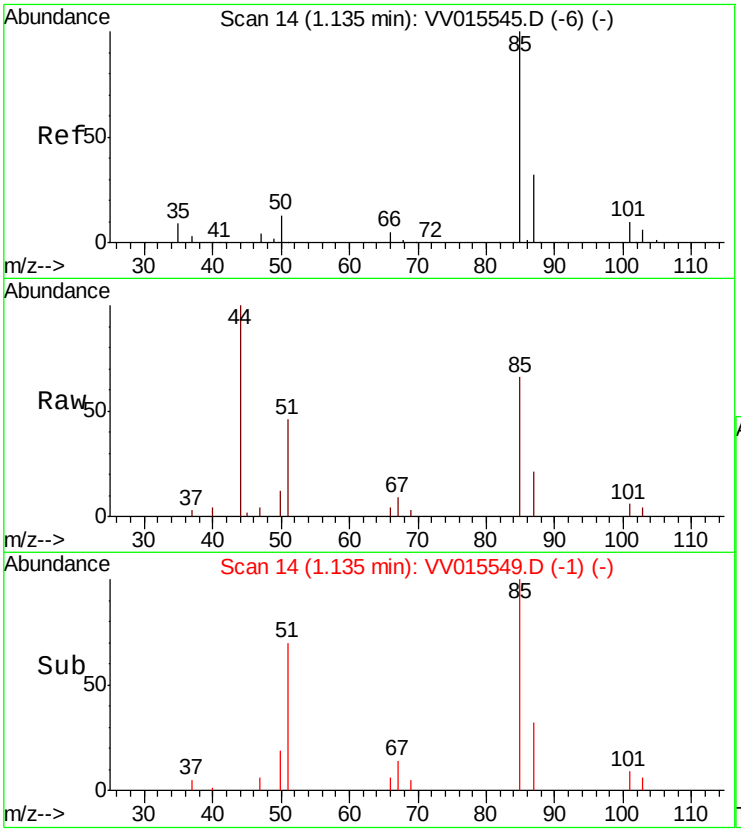
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041720\
Data File : VV015549.D
Acq On : 17 Apr 2020 12:53
Operator : SY/MD
Sample : L2320-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 18 00:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration



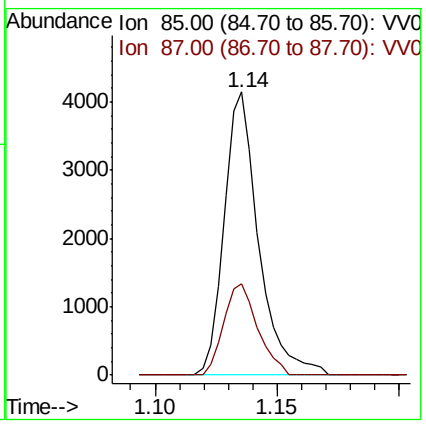


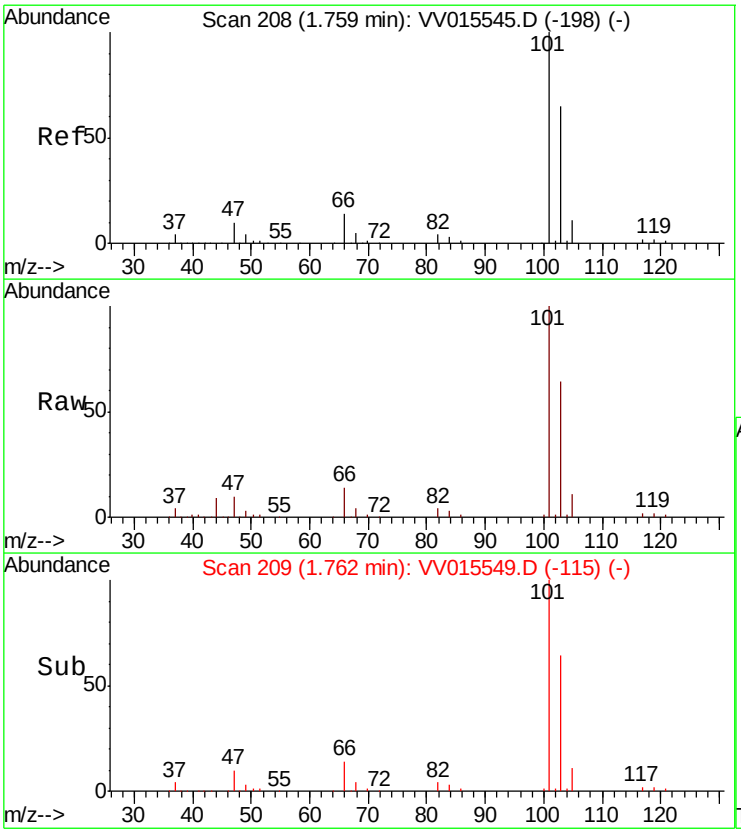
#2
Dichlorodifluoromethane
Concen: 0.438 ug/L
RT: 1.14 min Scan# 14
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 4076

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.3	37.9

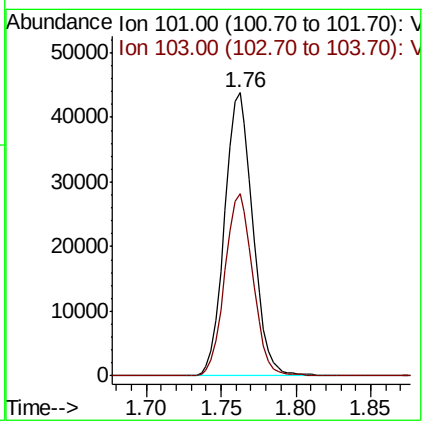


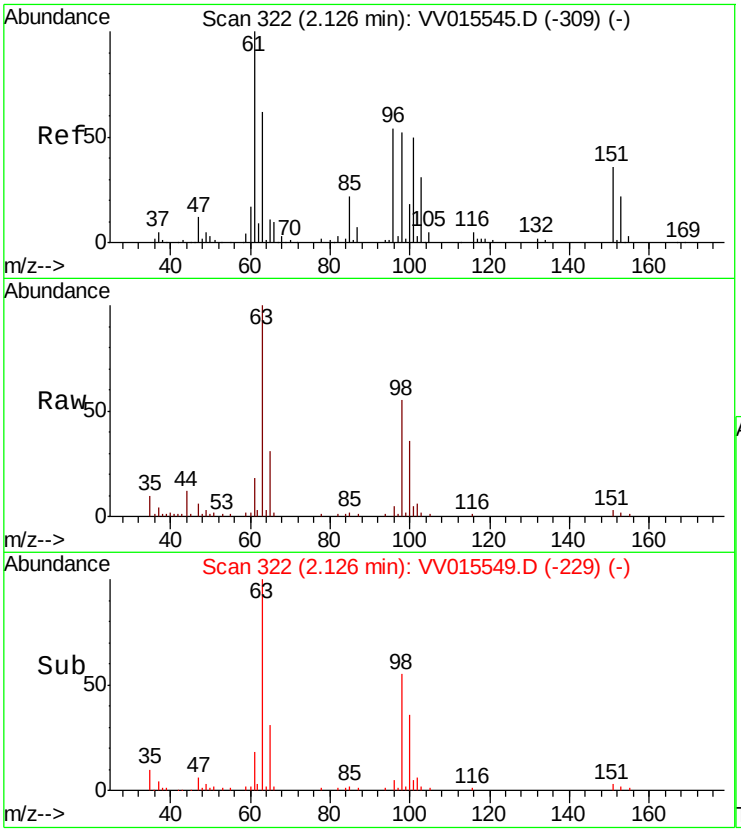


#9
Trichlorofluoromethane
Concen: 5.292 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion:101 Resp: 57747

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.9	77.9



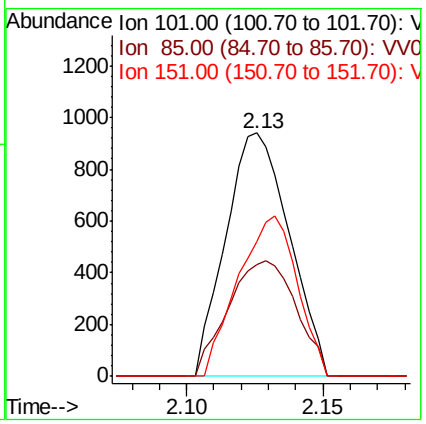


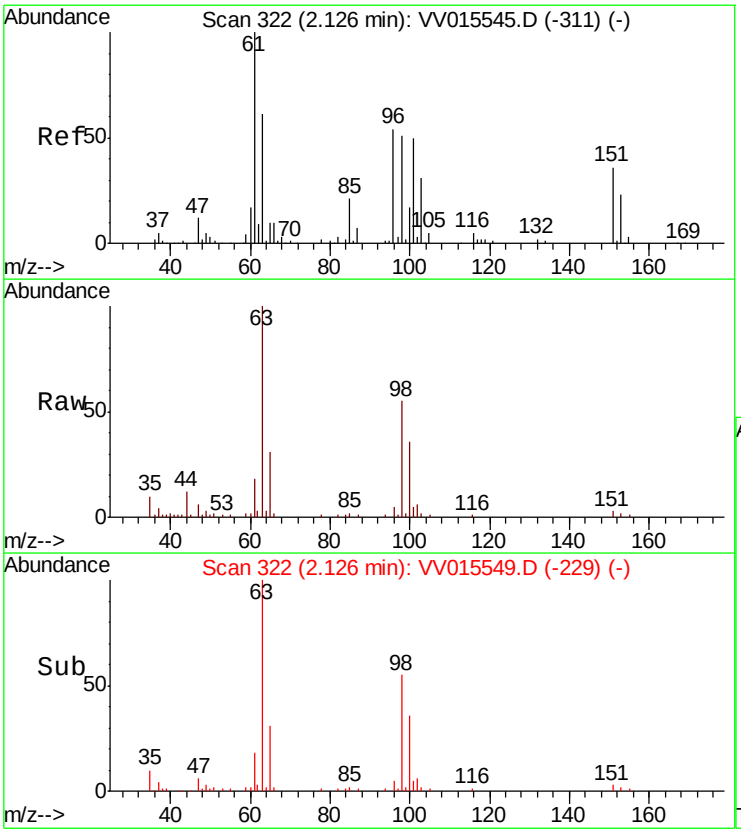
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.247 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1521

Ion	Ratio	Lower	Upper
101	100		
85	50.8	36.3	54.5
151	61.5	58.2	87.4

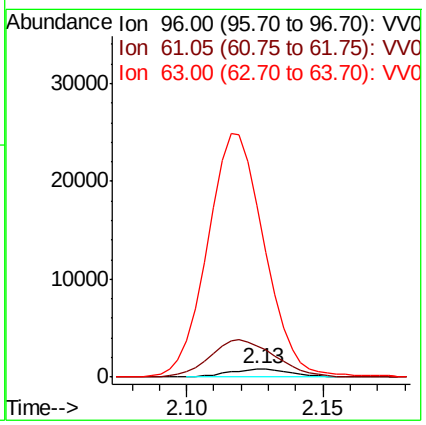


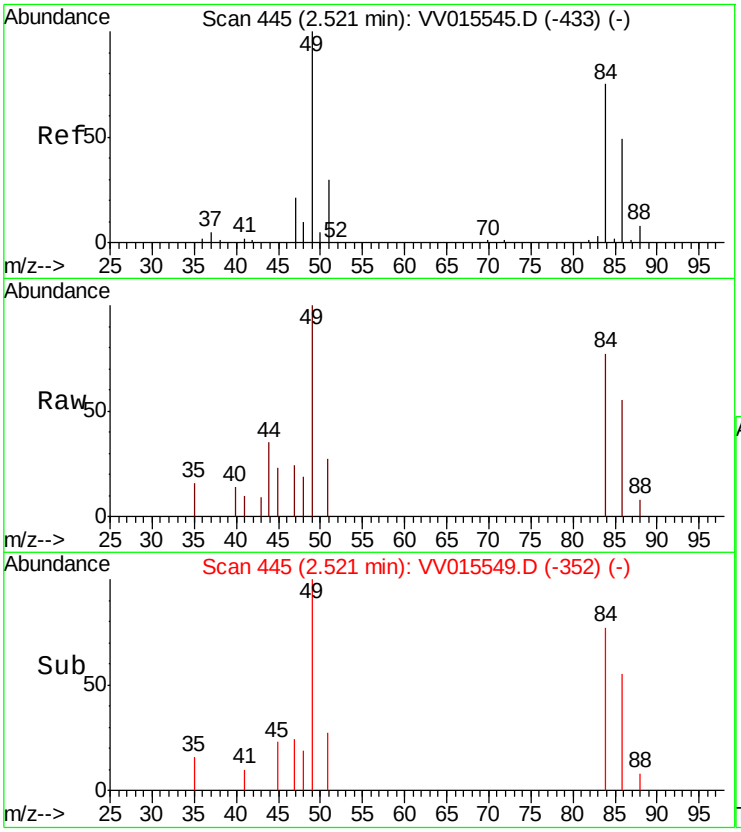


#12
1,1-Dichloroethene
Concen: 0.221 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion: 96 Resp: 1306

Ion	Ratio	Lower	Upper
96	100		
61	367.0	127.7	237.1#
63	1991.9	75.1	139.5#



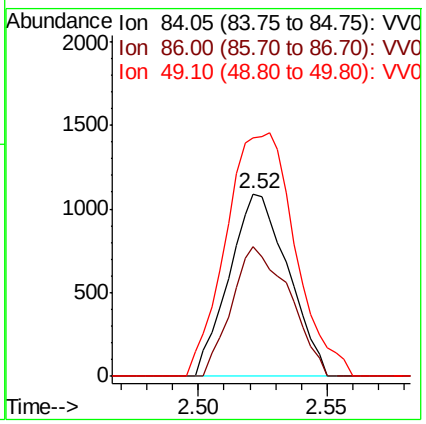


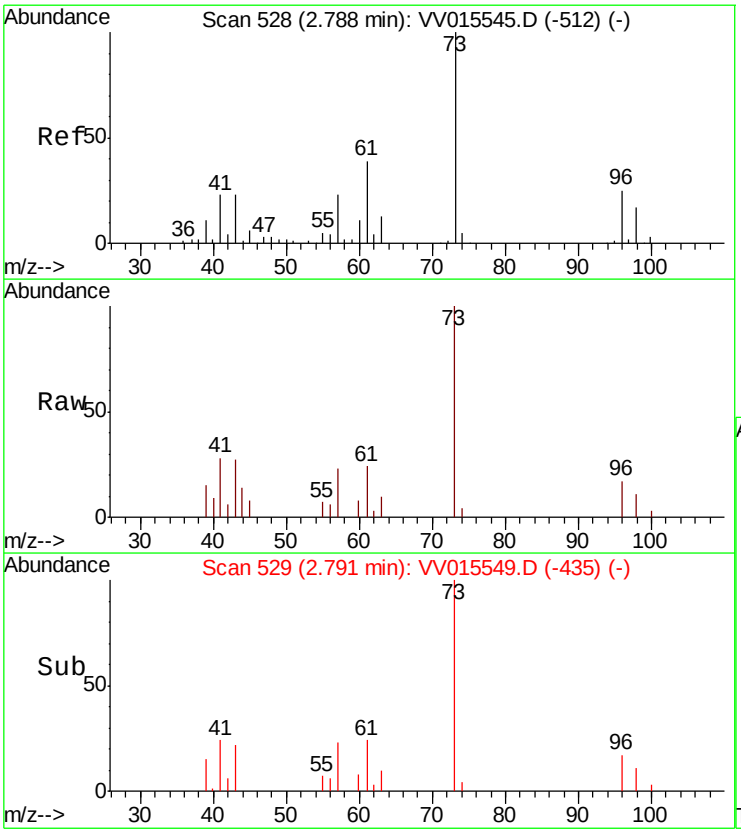
#16
Methylene chloride
Concen: 0.251 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 1735

Ion	Ratio	Lower	Upper
84	100		
86	71.3	45.1	83.7
49	130.5	97.9	181.7

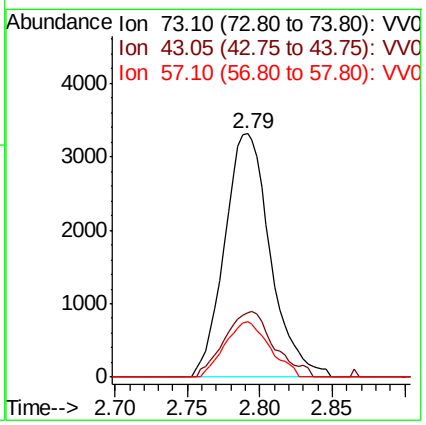


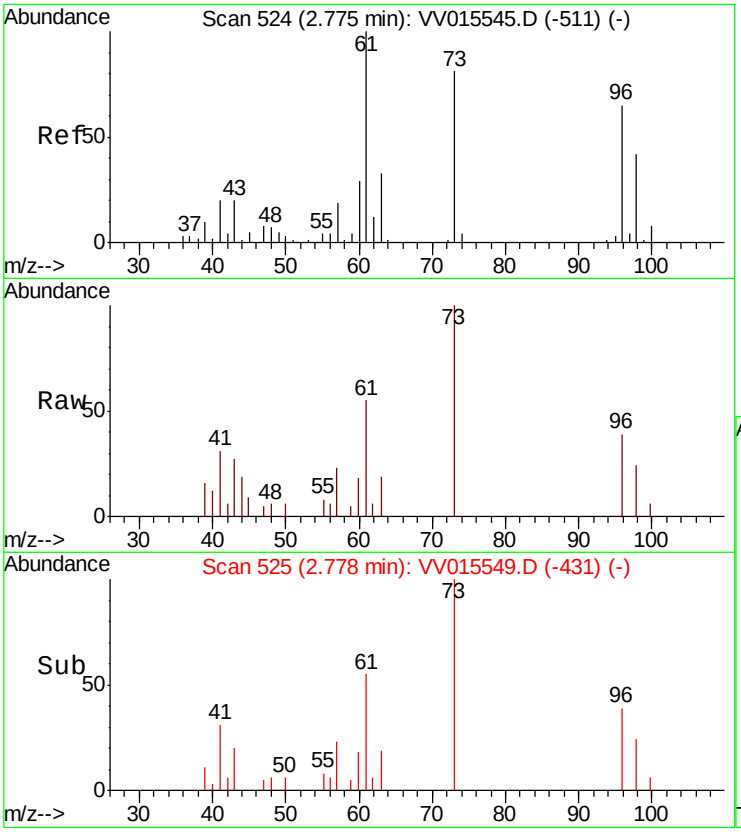


#17
Methyl tert-butyl Ether
Concen: 0.461 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion: 73 Resp: 7262

Ion	Ratio	Lower	Upper
73	100		
43	29.1	18.3	27.5#
57	22.2	18.4	27.6



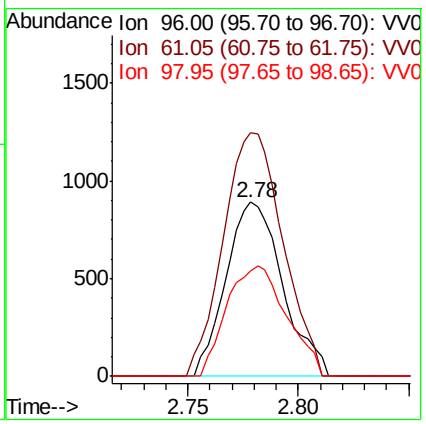


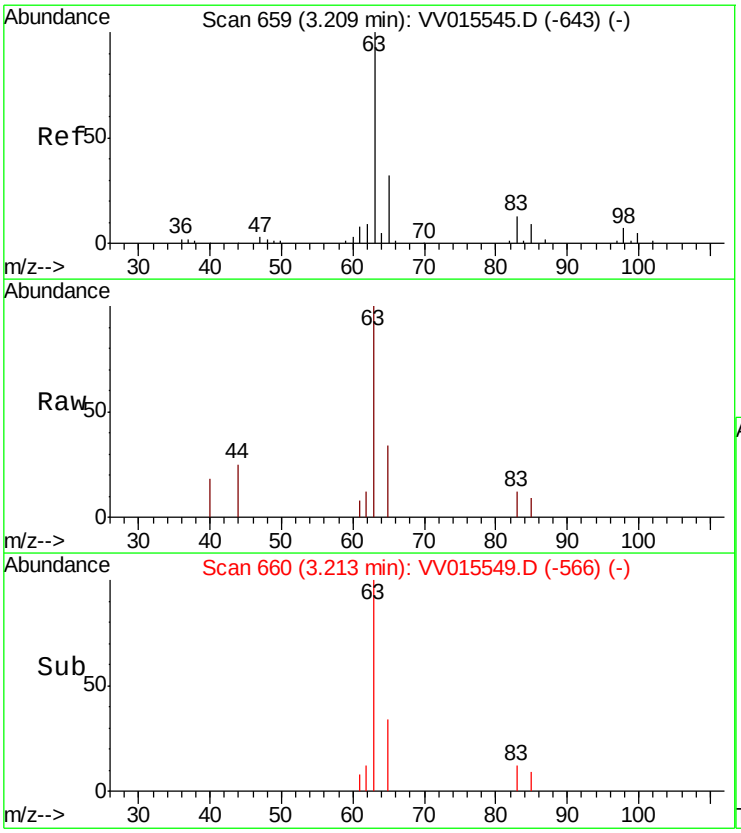
#18
trans-1,2-Dichloroethene
Concen: 0.239 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1592

Ion	Ratio	Lower	Upper
96	100		
61	140.0	104.4	194.0
98	60.9	42.8	79.4

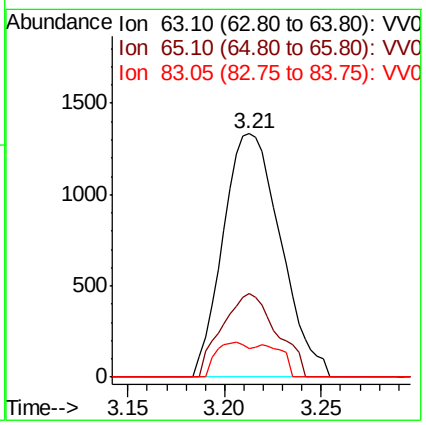


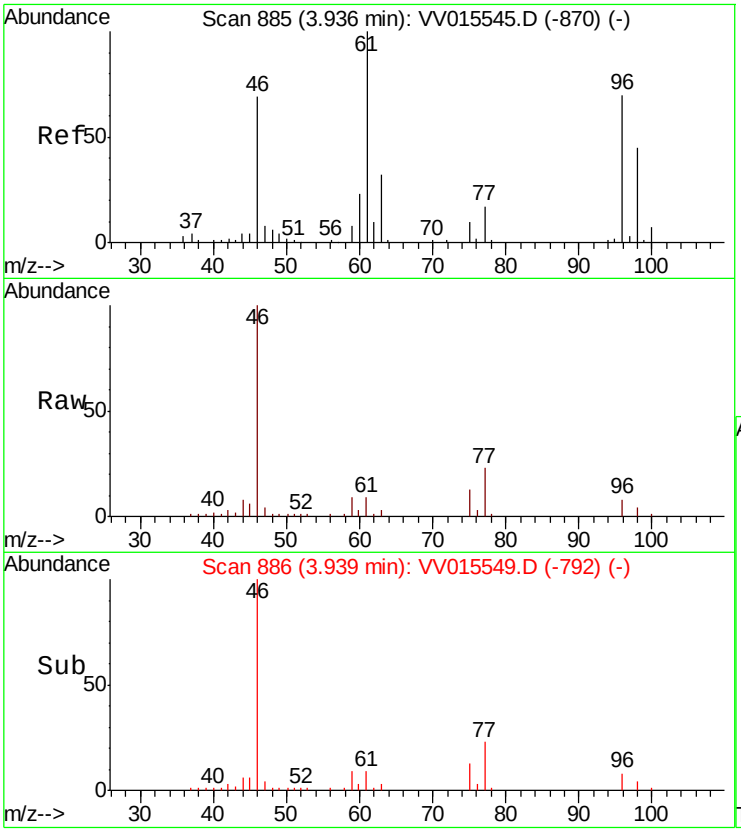


#19
1,1-Dichloroethane
Concen: 0.220 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion: 63 Resp: 2759

Ion	Ratio	Lower	Upper
63	100		
65	34.2	21.3	39.6
83	11.6	9.4	17.6



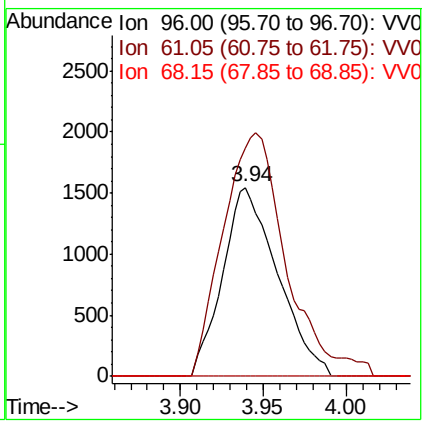


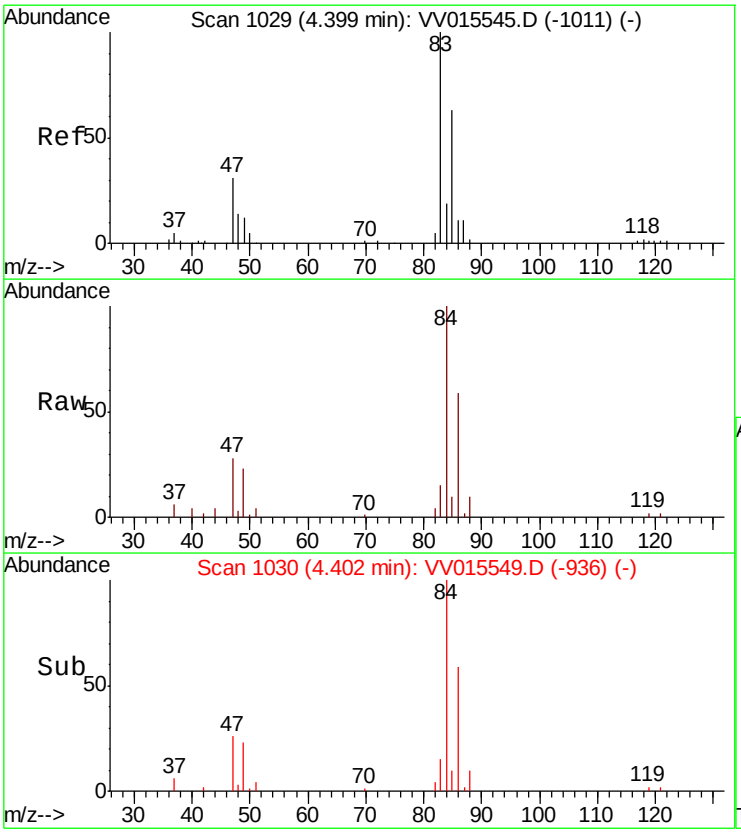
#22
cis-1,2-Dichloroethene
Concen: 0.516 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 3562

Ion	Ratio	Lower	Upper
96	100		
61	121.1	100.0	185.8
68	0.0	0.0	0.0

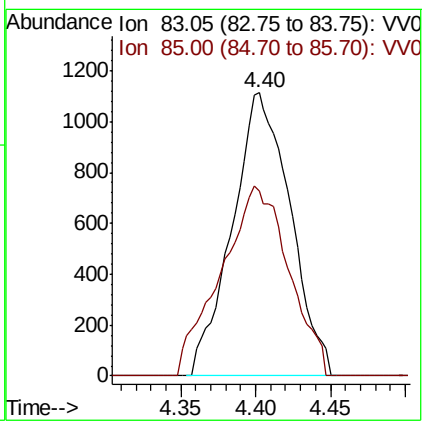


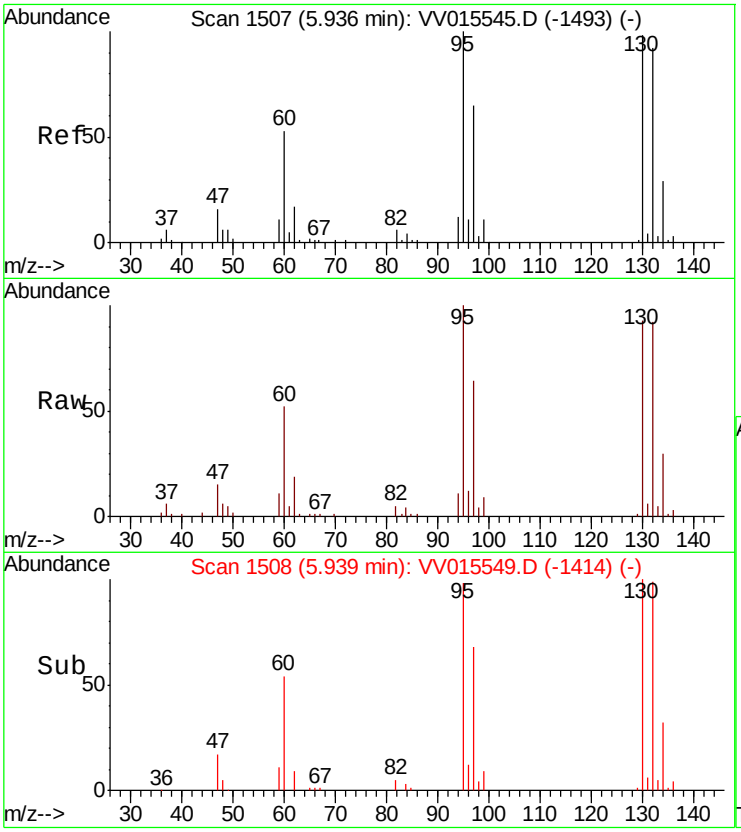


#25
Chloroform
Concen: 0.235 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion: 83 Resp: 3009

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.9	85.3



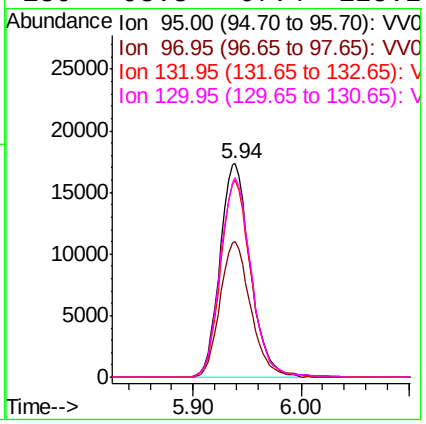


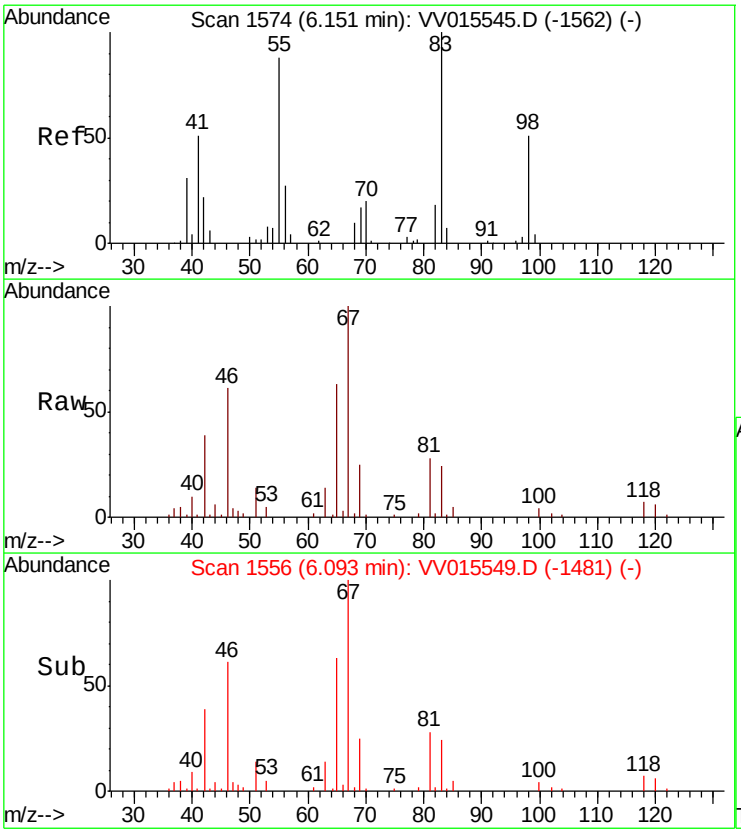
#34
Trichloroethene
Concen: 4.757 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 34043

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.4	84.4
132	92.2	64.8	120.4
130	93.3	67.4	125.2

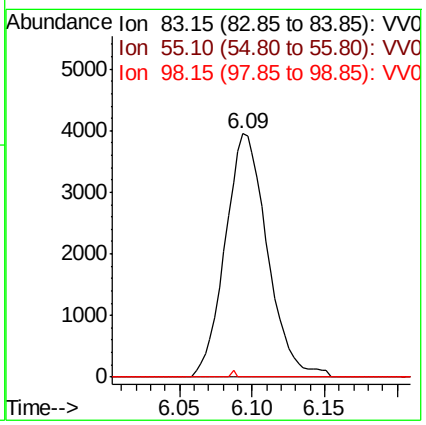


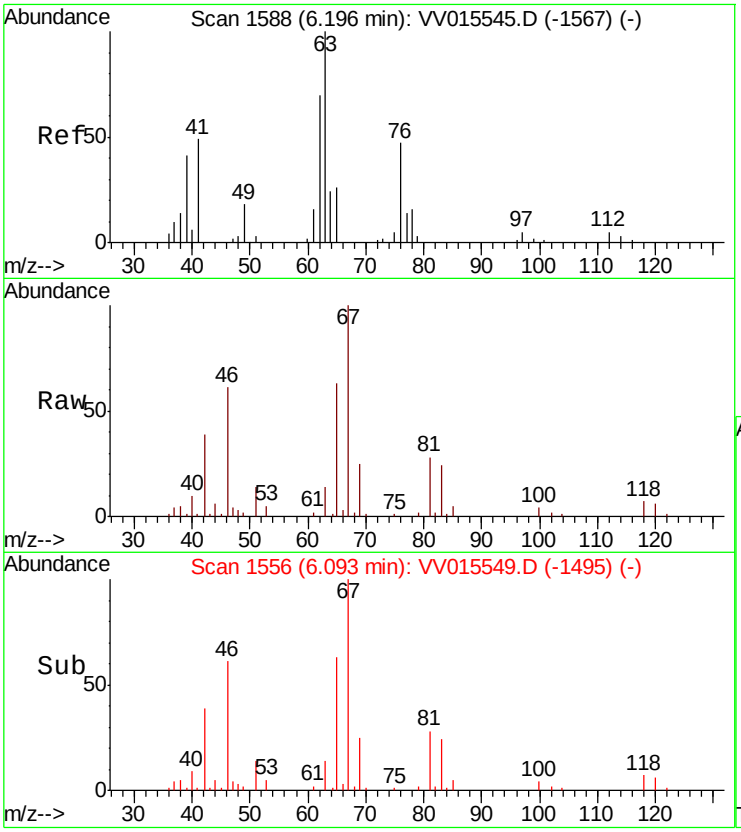


#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion: 83 Resp: 7969

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



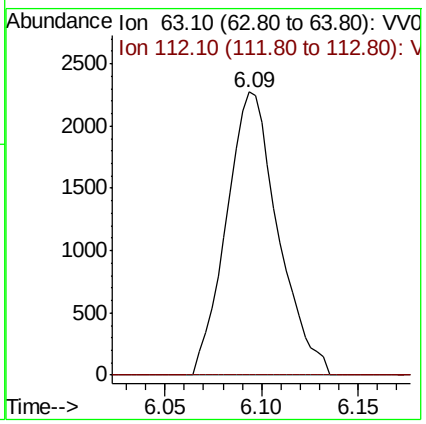


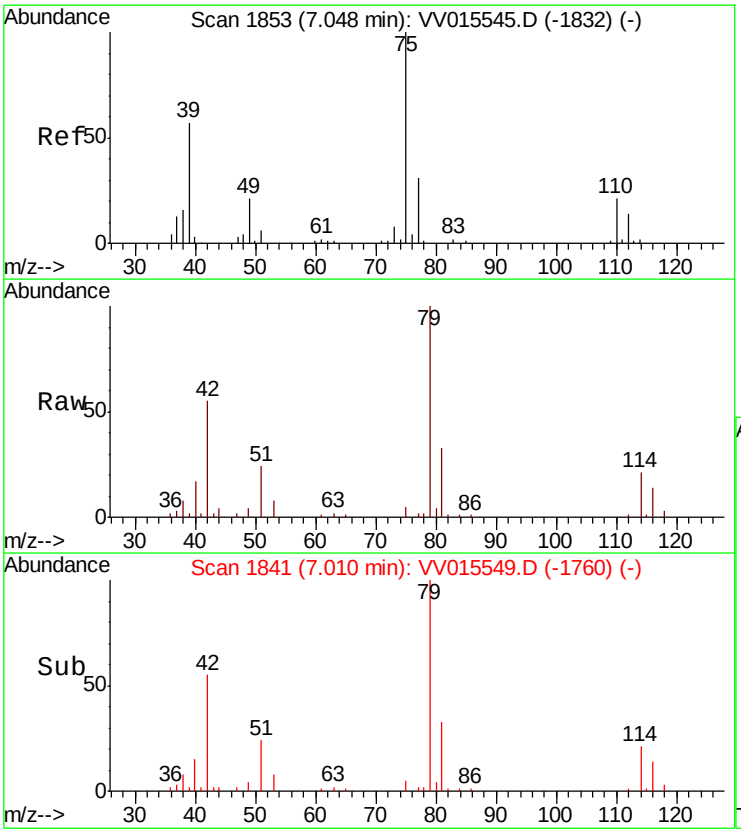
#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4219

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

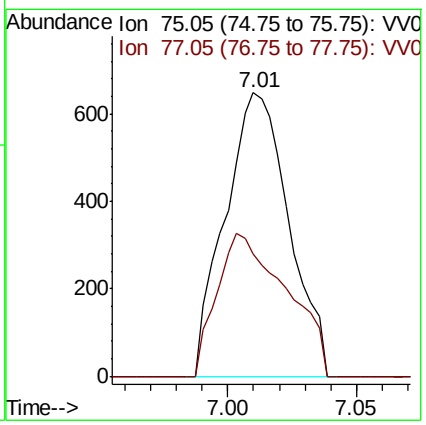


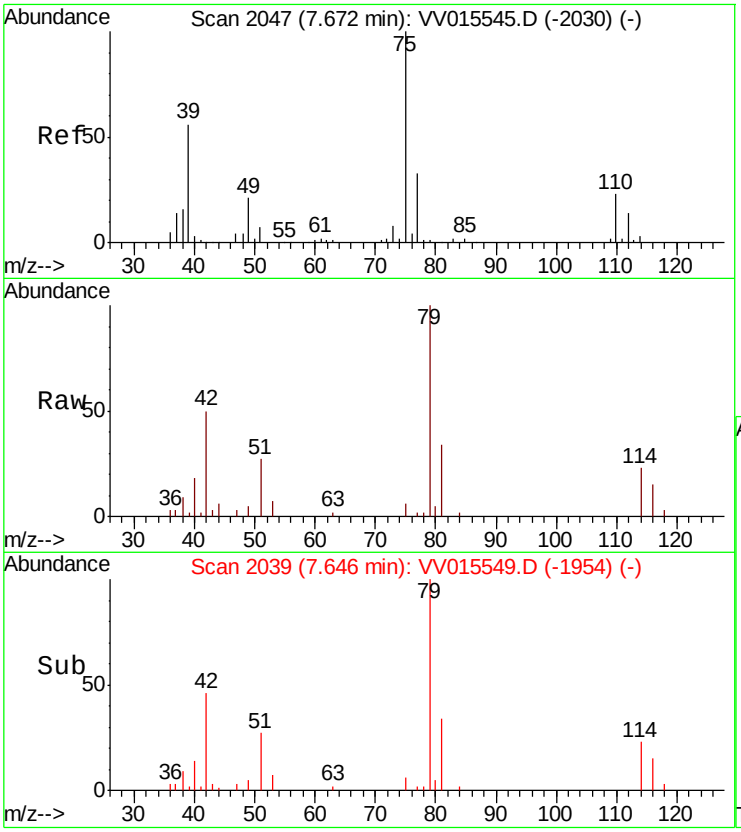


#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion: 75 Resp: 1116

Ion	Ratio	Lower	Upper
75	100		
77	43.4	23.0	42.6#



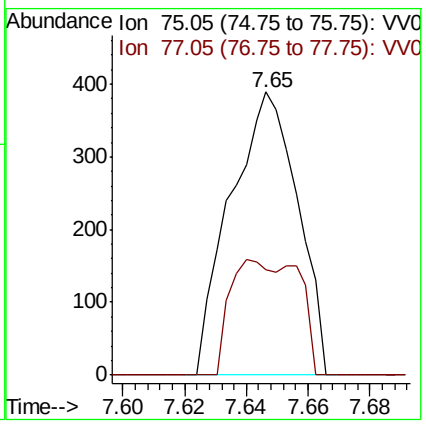


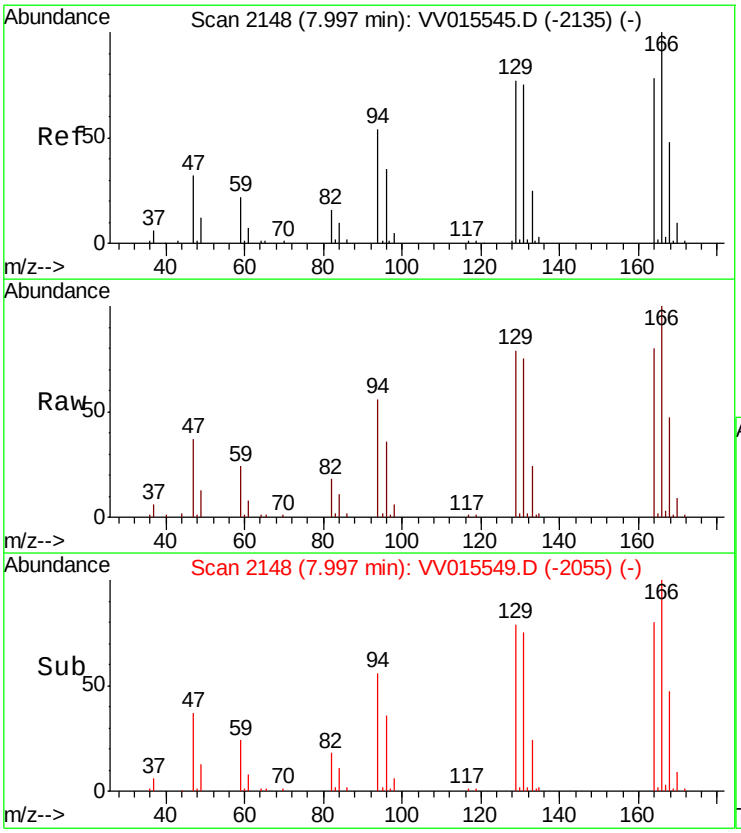
#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 588

Ion	Ratio	Lower	Upper
75	100		
77	37.0	21.0	39.0

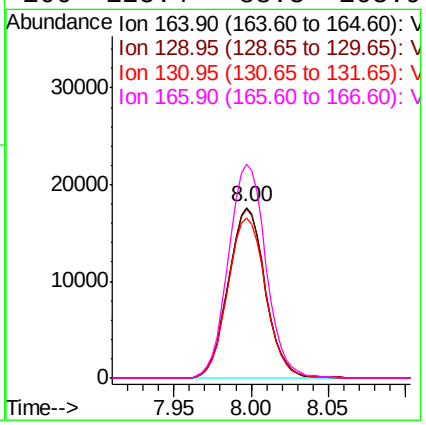


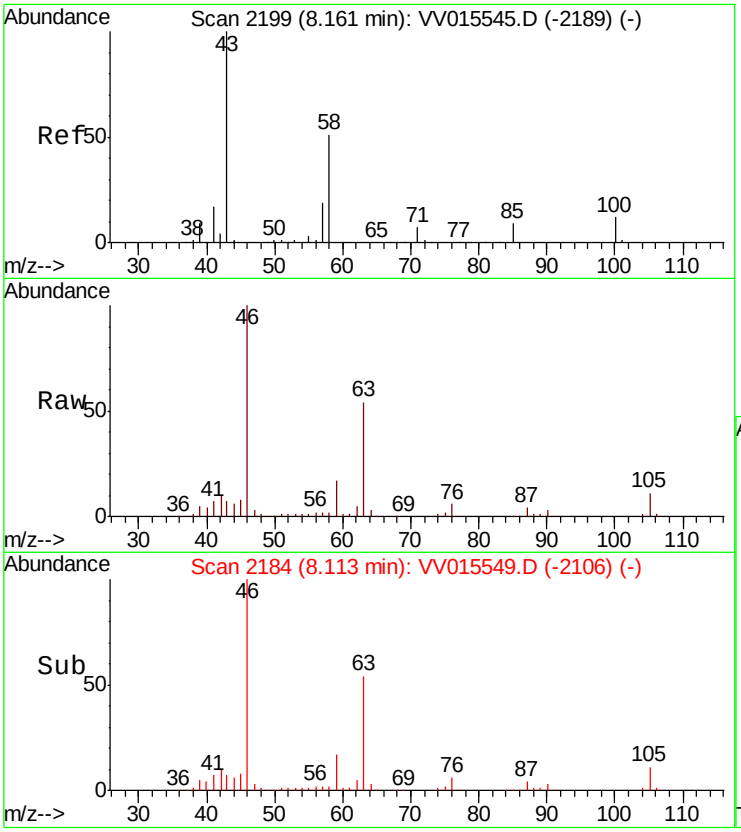


#47
Tetrachloroethene
Concen: 5.495 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion:164 Resp: 29132

Ion	Ratio	Lower	Upper
164	100		
129	99.0	70.6	131.0
131	94.0	68.3	126.8
166	125.4	88.3	163.9



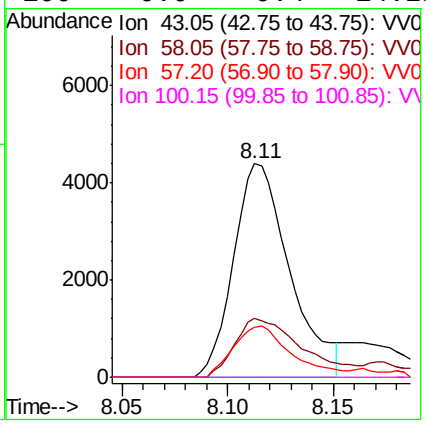


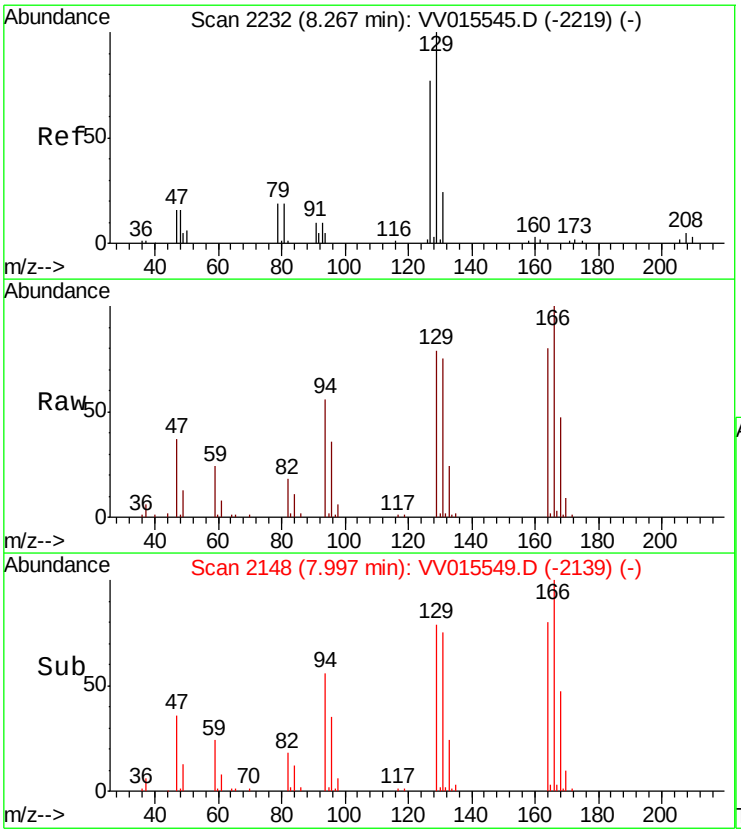
#48
2-Hexanone
Concen: 2.688 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8131

Ion	Ratio	Lower	Upper
43	100		
58	33.0	41.4	62.0#
57	24.4	15.0	22.4#
100	0.0	9.4	14.2#

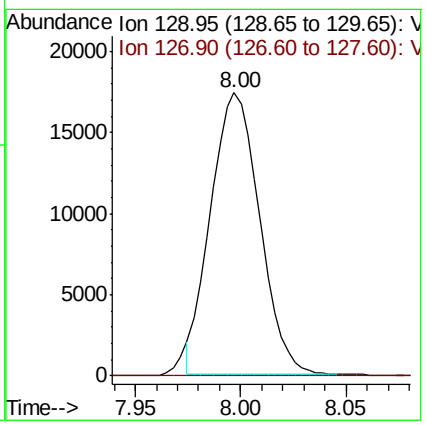


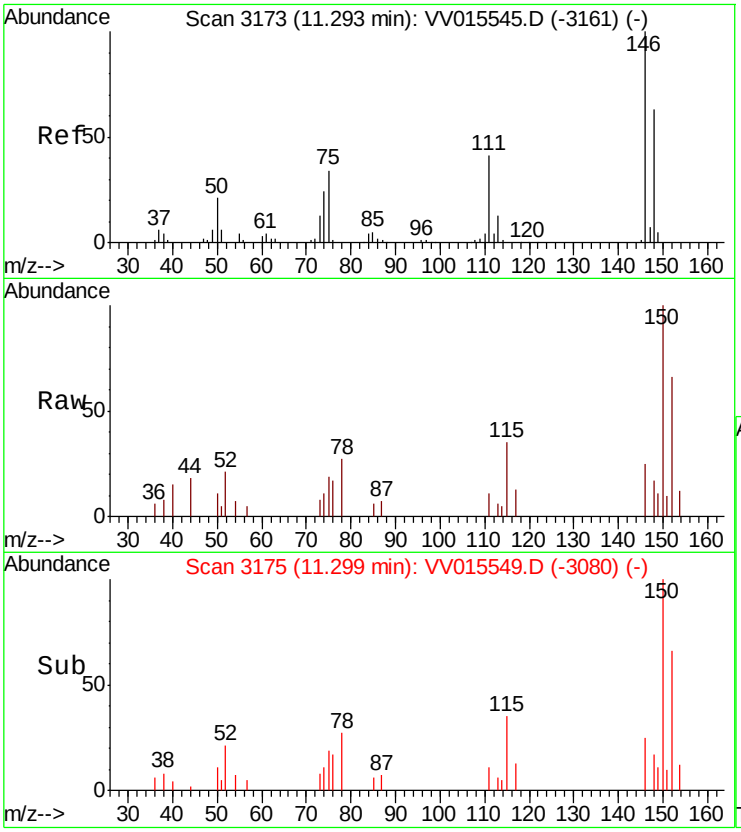


#49
Dibromochloromethane
Concen: 5.241 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Tgt Ion:129 Resp: 27826

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#63
1,4-Dichlorobenzene
Concen: 0.058 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.01 min
Lab File: VV015549.D
Acq: 17 Apr 2020 12:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 833

Ion	Ratio	Lower	Upper
146	100		
111	44.1	29.4	54.6
148	70.0	44.3	82.3