Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016394.D
Acq On : 31 May 2020 17:50
Operator : SY/MD
Sample : L2780-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:21:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	70842	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67596	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	29273	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29690	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.58	69	23208	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.13	63	43701	4.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.60%			
20) 2-Butanone-d5	3.94	46	69041	51.59	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.18%			
24) Chloroform-d	4.38	84	51966	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.06	65	28983	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.08	84	101023	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
36) 1,2-Dichloropropane-d6	6.10	67	31380	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.34	98	85897	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
45) trans-1,3-Dichloropropene-	7.65	79	9466	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
48) 2-Hexanone-d5	8.12	63	49287	49.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21938	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	29745	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1588	0.225	ug/L	98
5) Vinyl chloride	1.32	62	596	0.094	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2862	0.596	ug/L	90
12) 1,1-Dichloroethene	2.14	96	4117	0.903	ug/L #	1
19) 1,1-Dichloroethane	3.22	63	1956	0.205	ug/L #	90
22) cis-1,2-Dichloroethene	3.94	96	5868	1.099	ug/L	97
25) Chloroform	4.40	83	1445	0.151	ug/L	81
27) 1,2-Dichloroethane	5.08	62	622	0.099	ug/L #	76
29) 1,1,1-Trichloroethane	4.64	97	1000	0.125	ug/L	91
34) Trichloroethene	5.94	95	4078	0.777	ug/L	93
35) Methylcyclohexane	6.10	83	7494	0.887	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	3670	0.725	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	871	0.130	ug/L #	80
46) trans-1,3-Dichloropropene	7.65	75	462	0.084	ug/L	88
49) Tetrachloroethene	8.00	164	1903	0.494	ug/L	89
51) Dibromochloromethane	8.00	129	1844	0.545	ug/L #	9
70) Naphthalene	13.53	128	3338	0.250	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016394.D
Acq On : 31 May 2020 17:50
Operator : SY/MD
Sample : L2780-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:21:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration

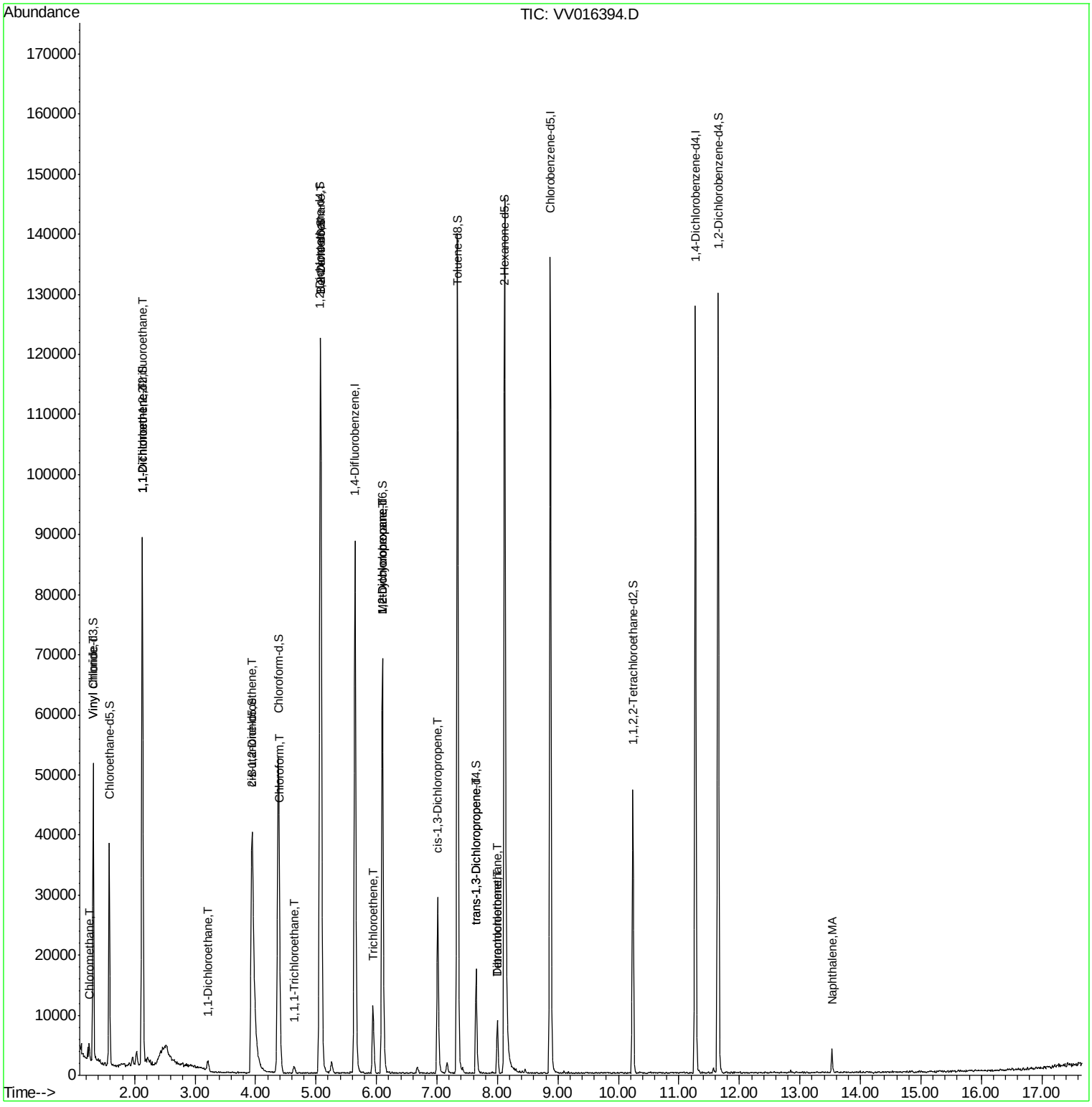
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

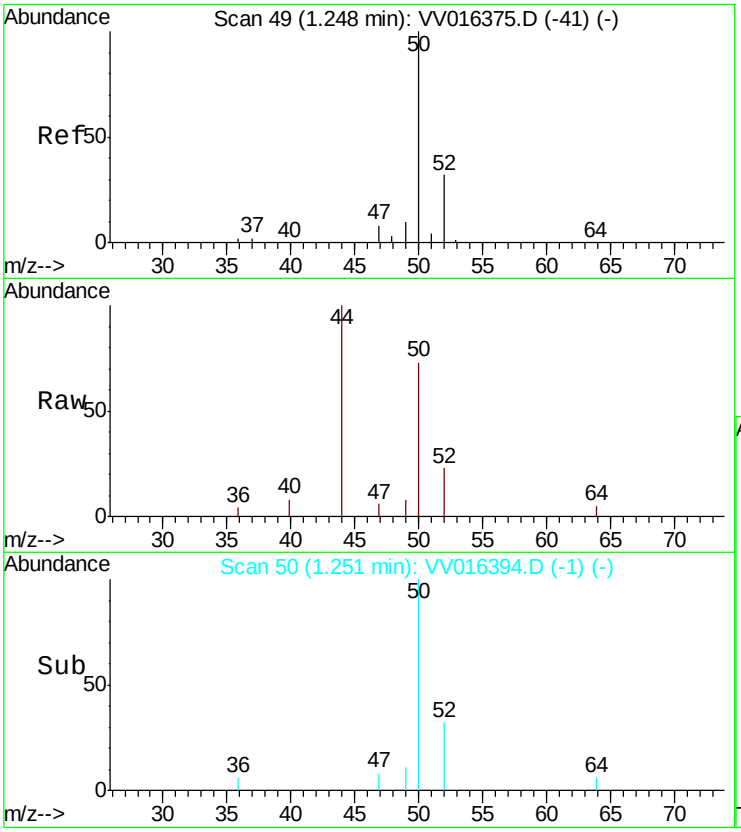
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053120\
Data File : VV016394.D
Acq On : 31 May 2020 17:50
Operator : SY/MD
Sample : L2780-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:21:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration



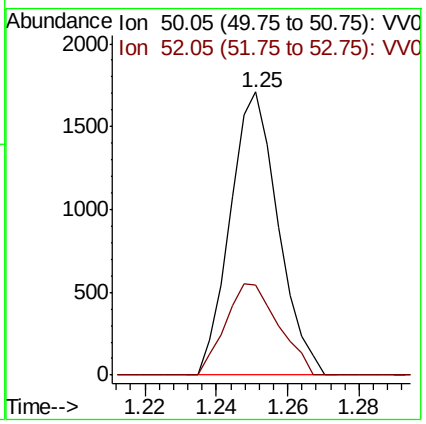


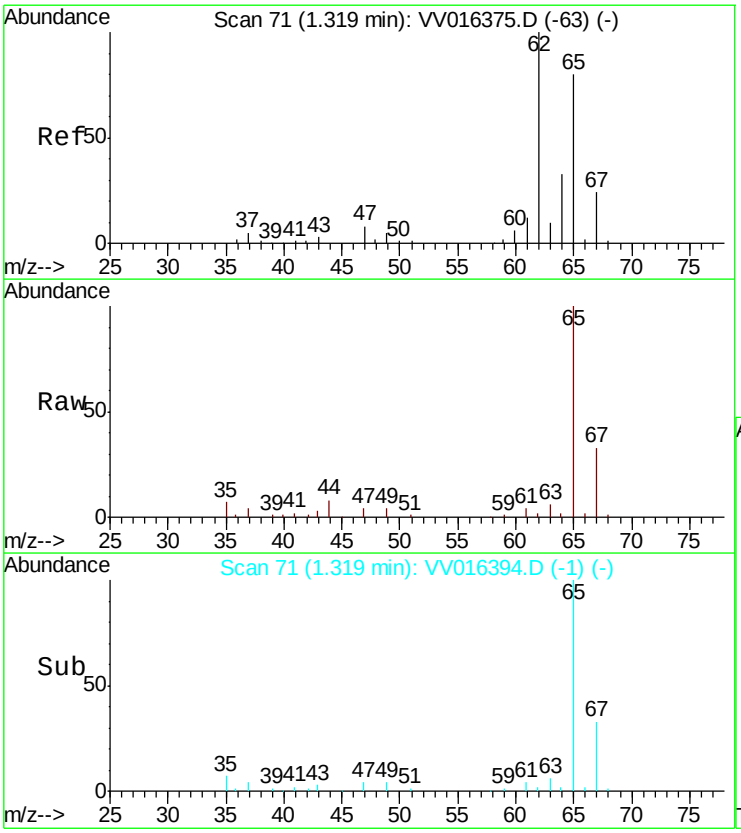
#3
Chloromethane
Concen: 0.225 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 1588

Ion	Ratio	Lower	Upper
50	100		
52	31.8	23.1	42.9

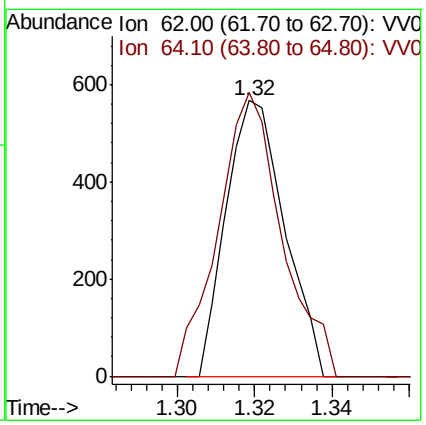


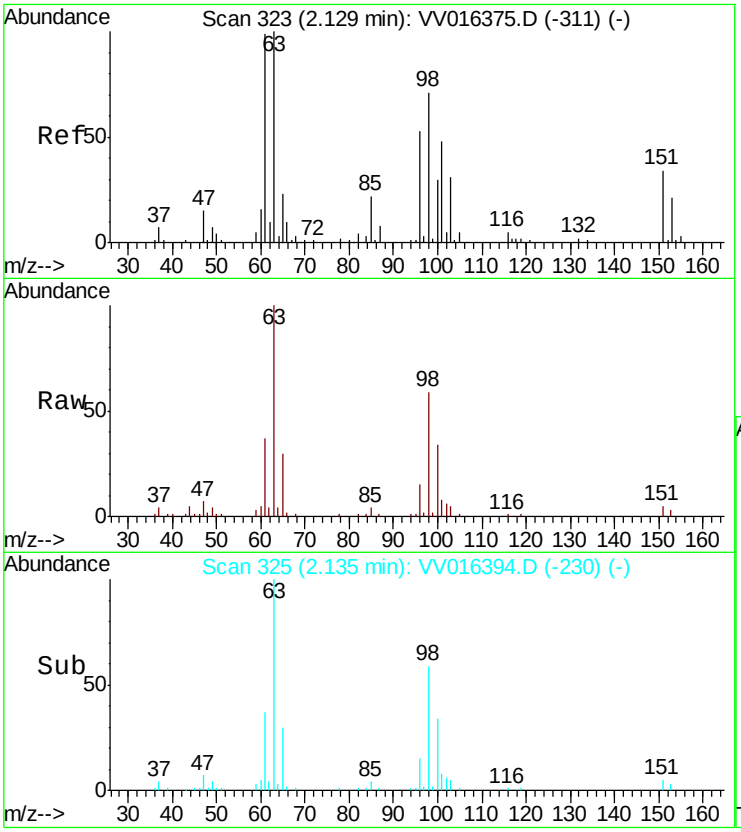


#5
Vinyl chloride
Concen: 0.094 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 62 Resp: 596

Ion	Ratio	Lower	Upper
62	100		
64	102.6	23.1	42.9#



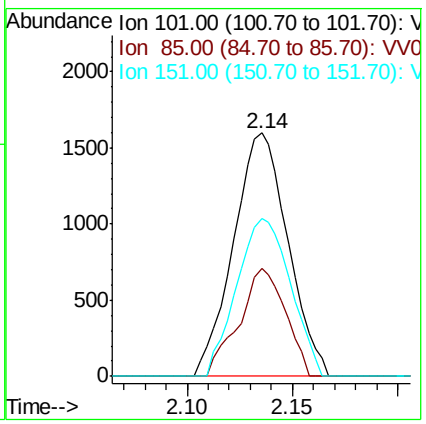


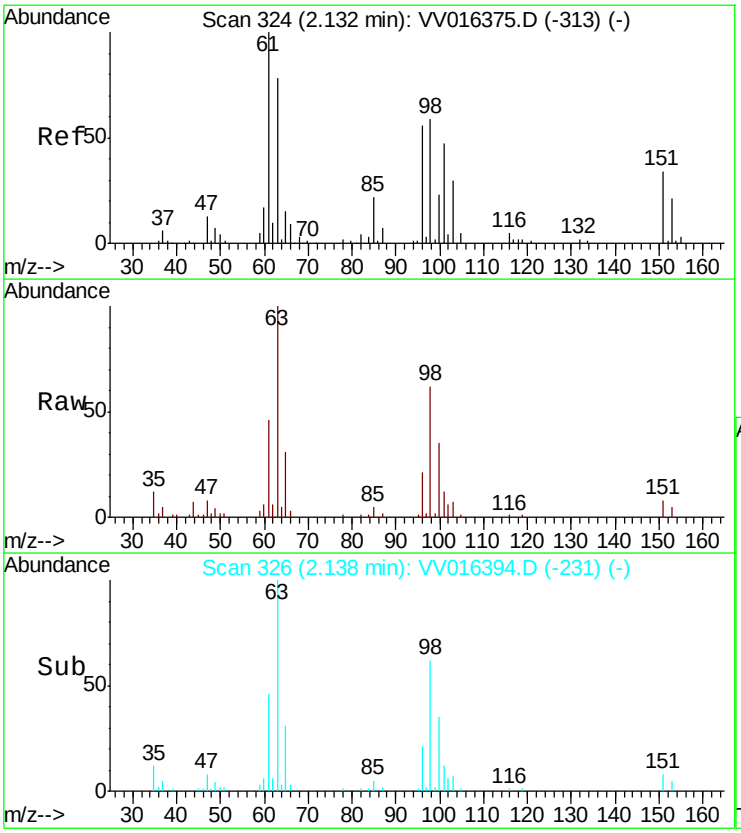
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.596 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2862

Ion	Ratio	Lower	Upper
101	100		
85	37.7	35.7	53.5
151	64.2	57.2	85.8

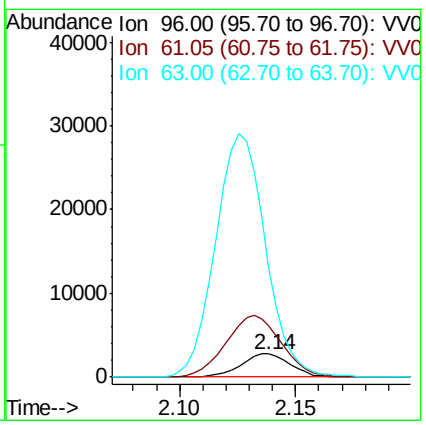


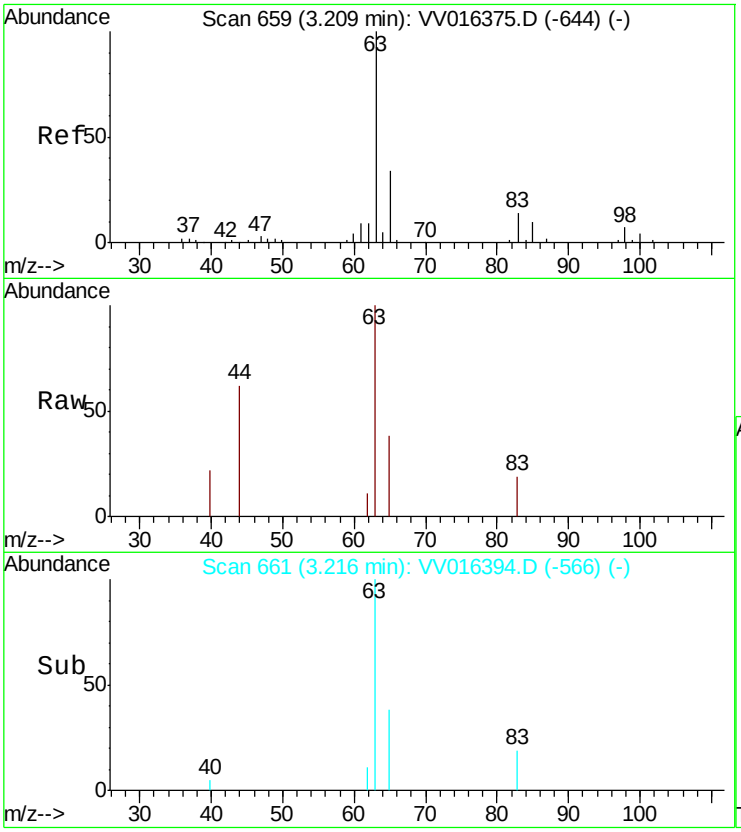


#12
1,1-Dichloroethene
Concen: 0.903 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 96 Resp: 4117

Ion	Ratio	Lower	Upper
96	100		
61	218.0	125.4	233.0
63	472.1	88.2	163.8#



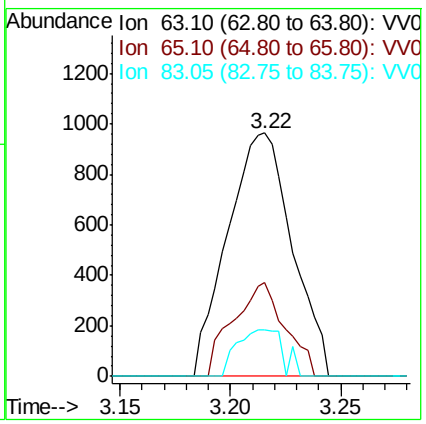


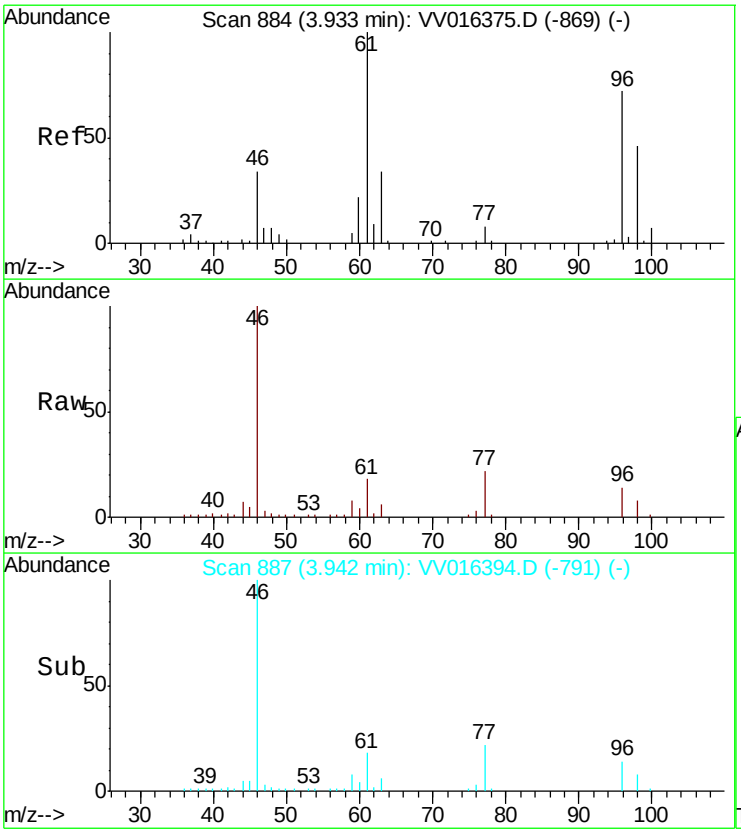
#19
1,1-Dichloroethane
Concen: 0.205 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1956

Ion	Ratio	Lower	Upper
63	100		
65	38.4	23.3	43.3
83	19.1	9.9	18.3#

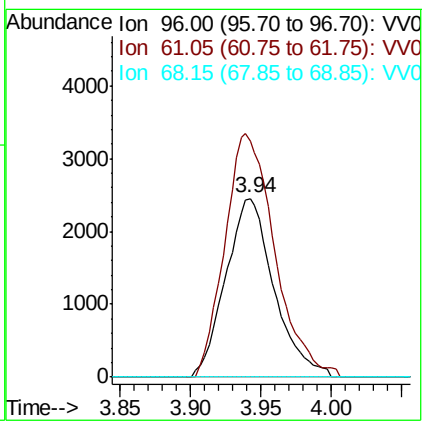


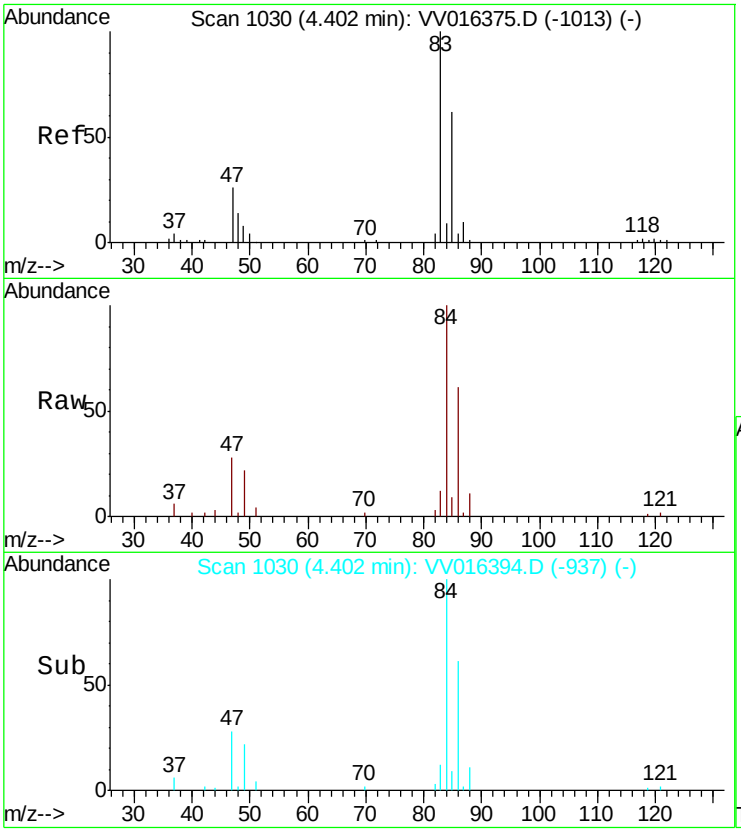


#22
cis-1,2-Dichloroethene
Concen: 1.099 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 96 Resp: 5868

Ion	Ratio	Lower	Upper
96	100		
61	131.7	94.8	176.0
68	0.0	0.0	0.0



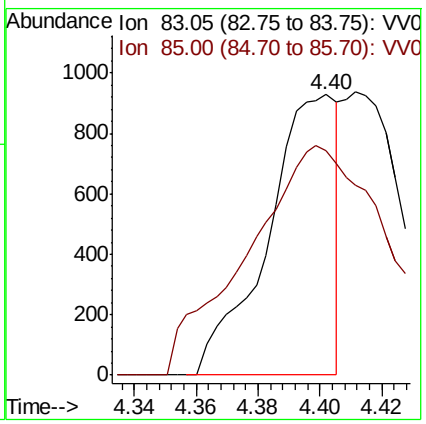


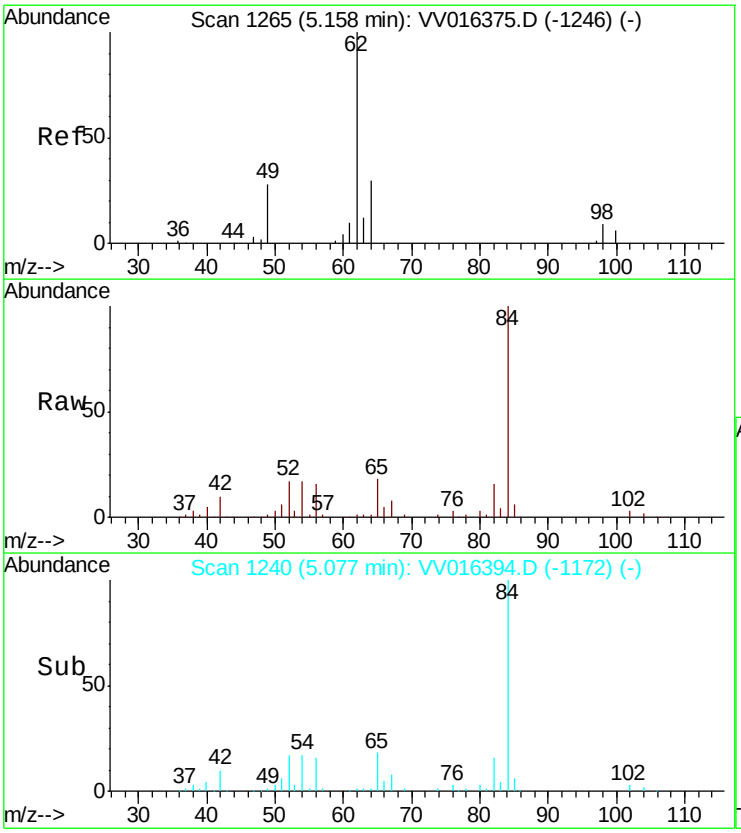
#25
Chloroform
Concen: 0.151 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1445

Ion	Ratio	Lower	Upper
83	100		
85	80.2	45.8	85.2

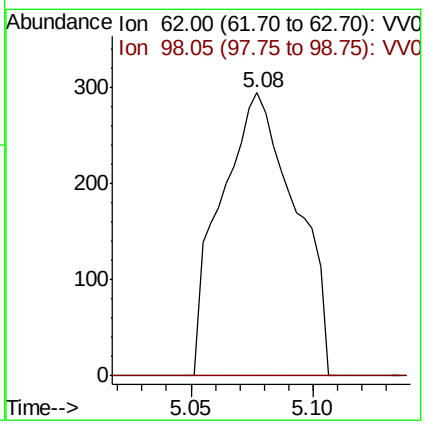


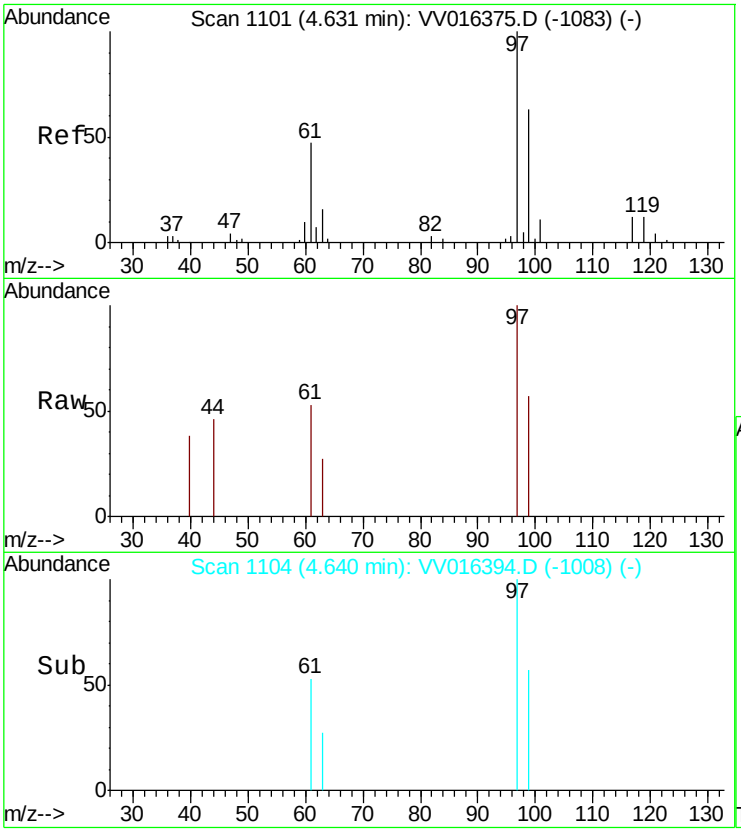


#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 62 Resp: 622

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#



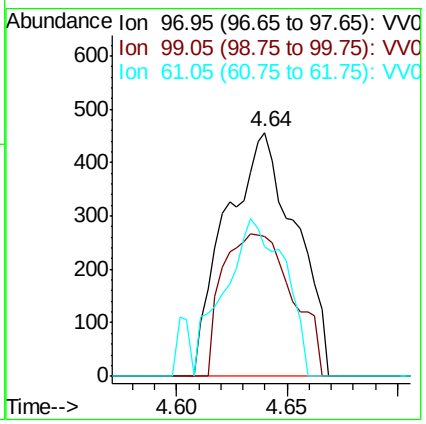


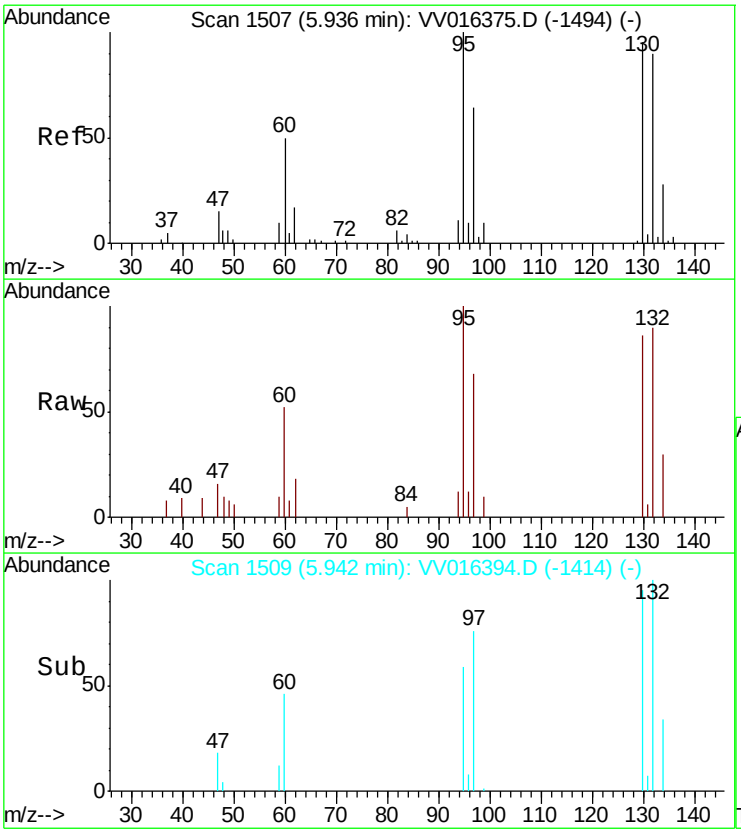
#29
1,1,1-Trichloroethane
Concen: 0.125 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 1000

Ion	Ratio	Lower	Upper
97	100		
99	57.9	52.0	78.0
61	56.1	39.8	59.6

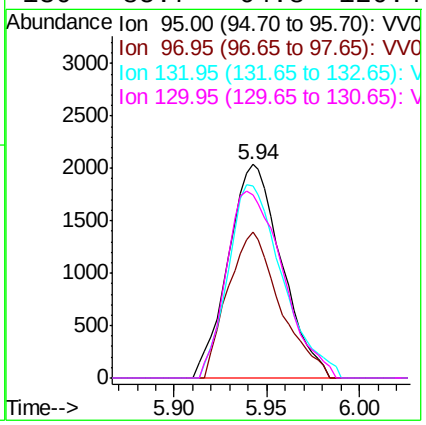


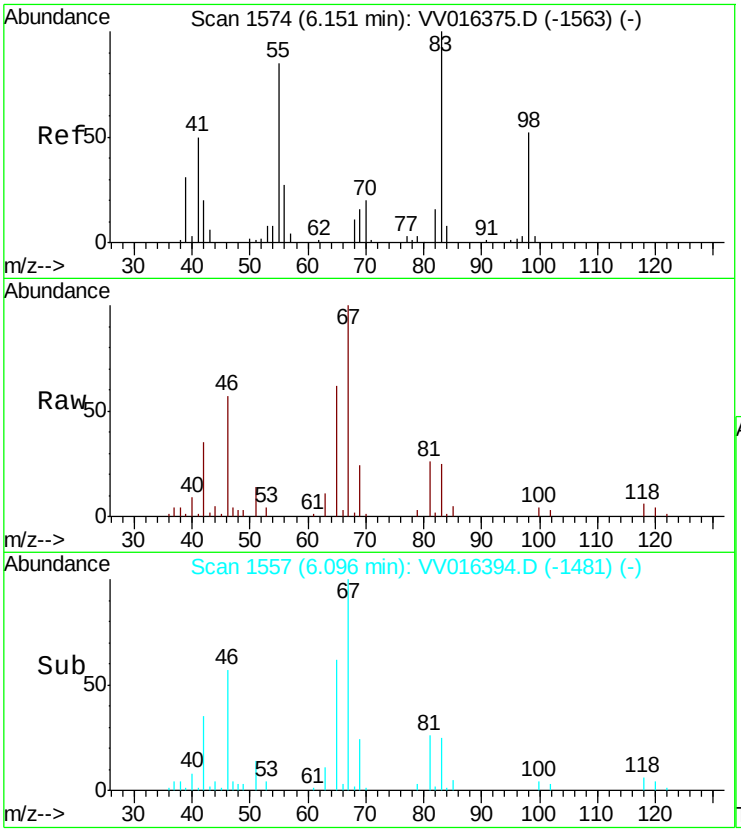


#34
Trichloroethene
Concen: 0.777 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 95 Resp: 4078

Ion	Ratio	Lower	Upper
95	100		
97	68.2	42.6	79.0
132	89.7	59.6	110.8
130	85.7	64.8	120.4



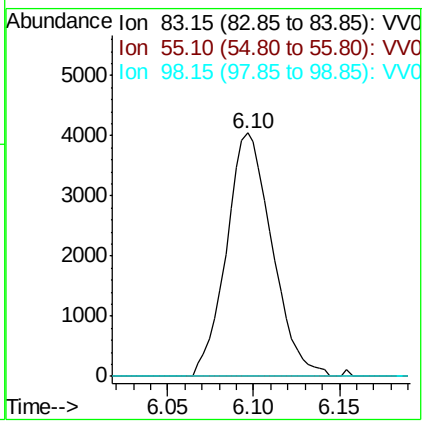


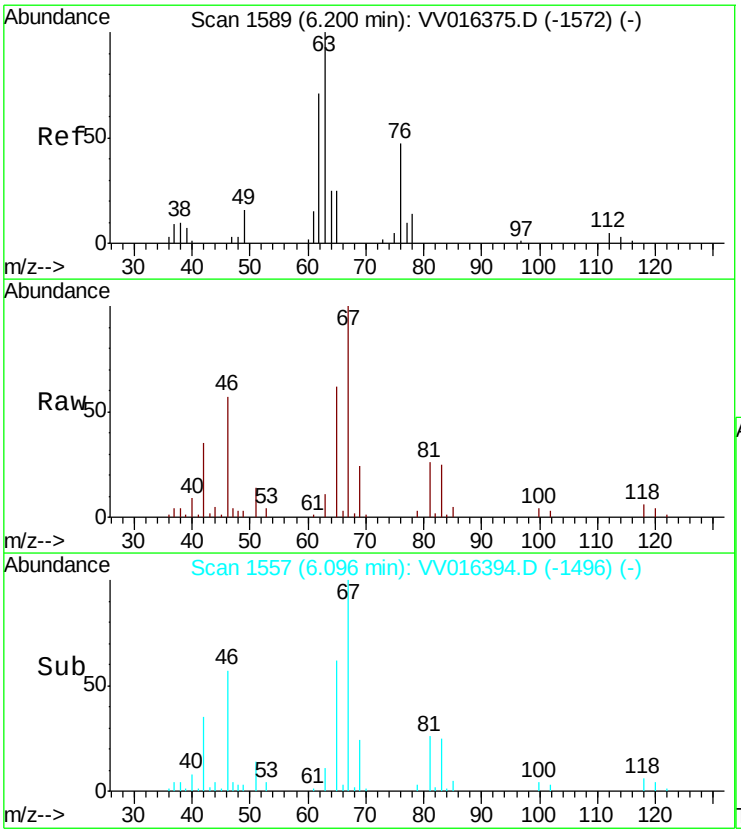
#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7494

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.0	100.4#
98	5.0	39.0	58.4#

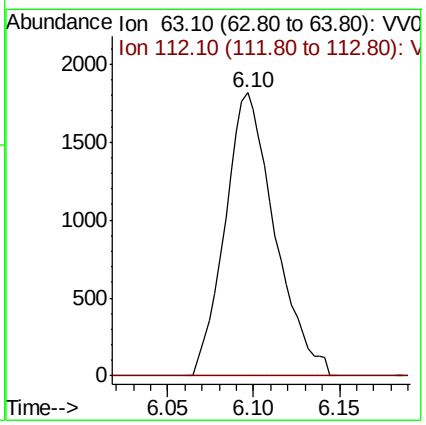


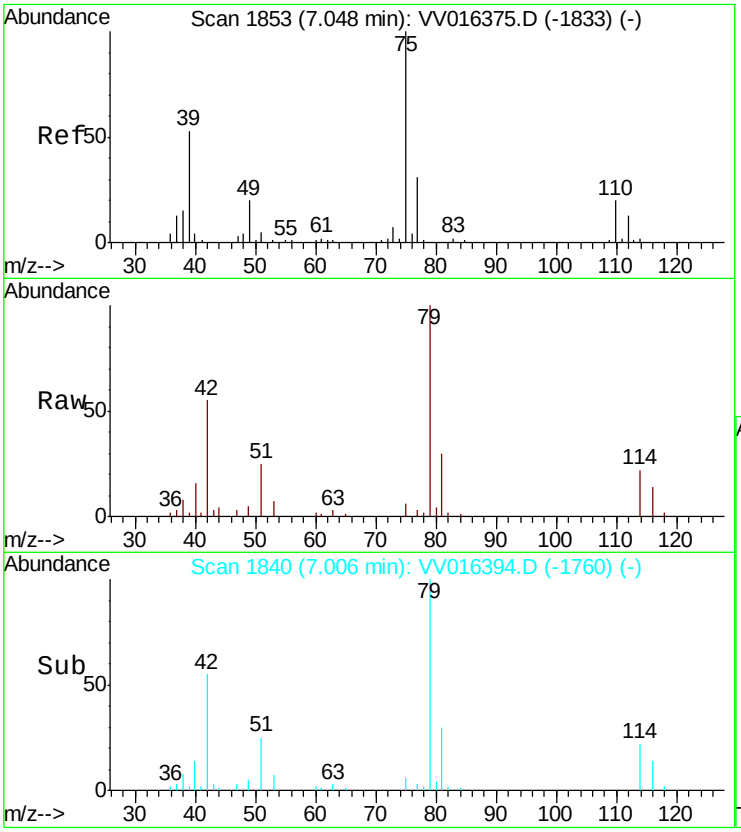


#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 63 Resp: 3670

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



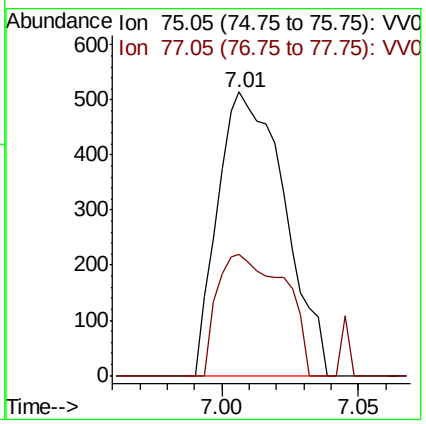


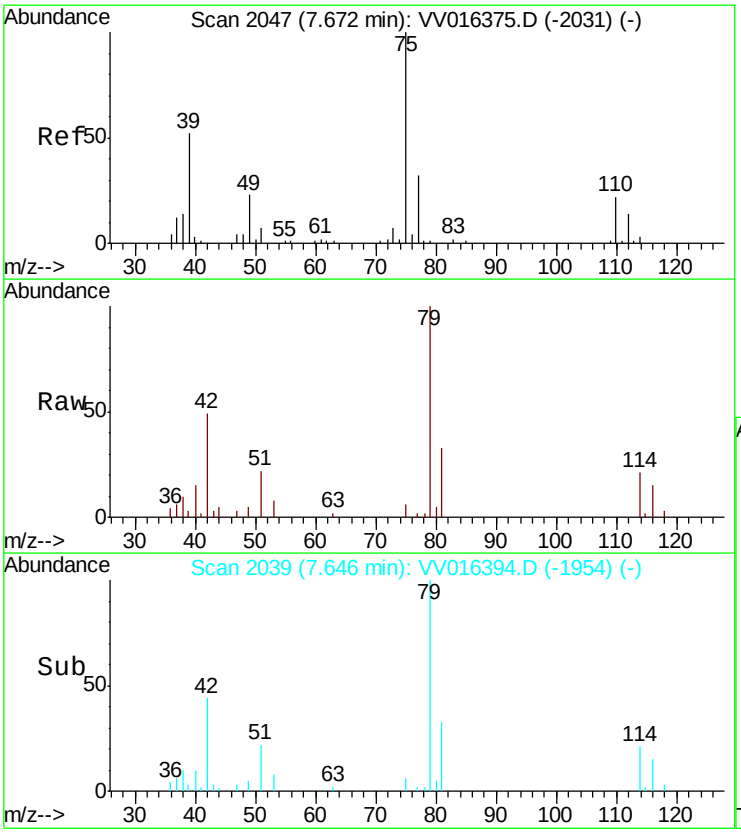
#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 871

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.0	41.0#

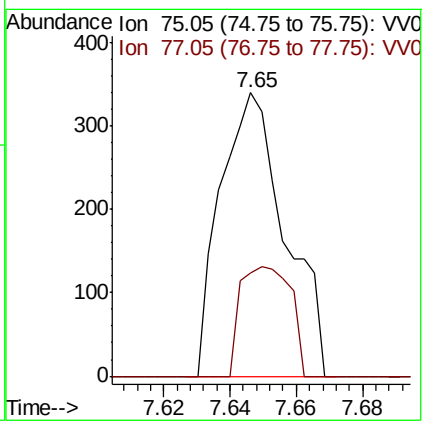


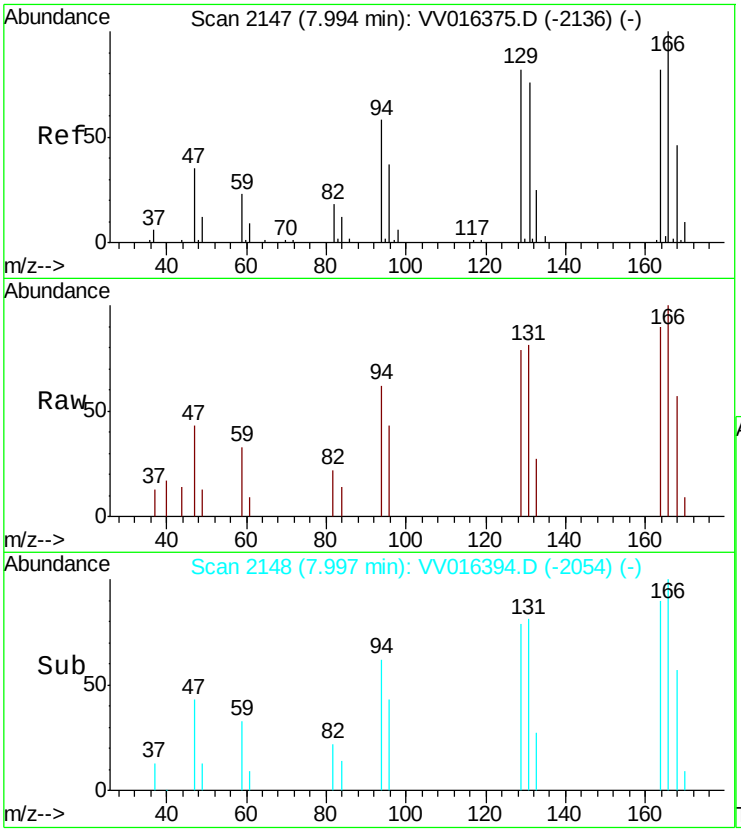


#46
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion: 75 Resp: 462

Ion	Ratio	Lower	Upper
75	100		
77	36.5	21.1	39.3



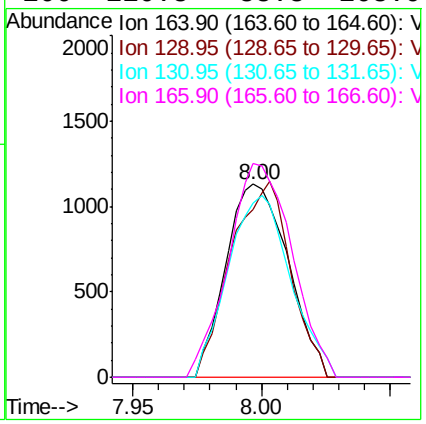


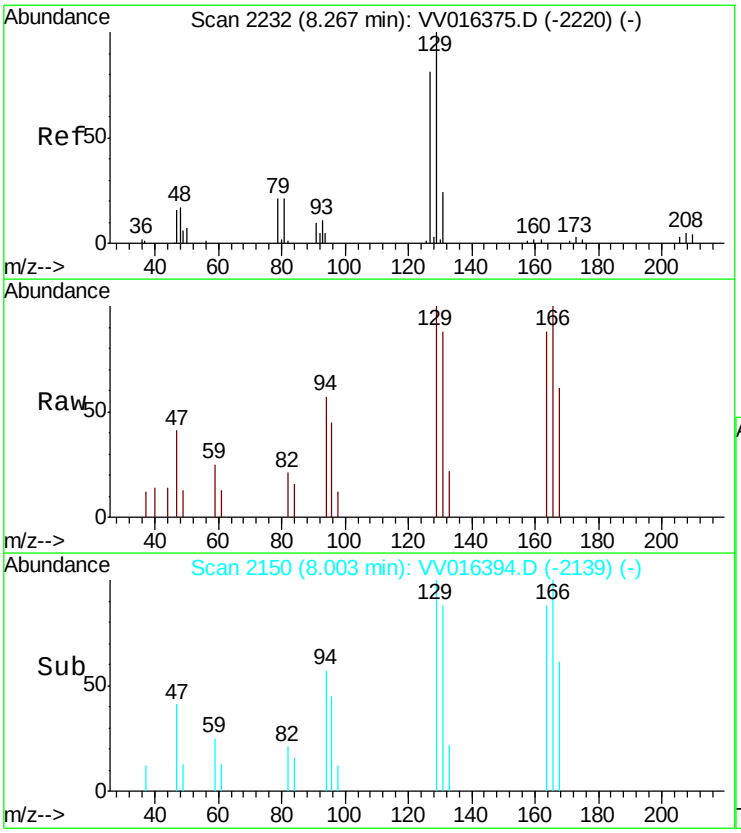
#49
Tetrachloroethene
Concen: 0.494 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1903

Ion	Ratio	Lower	Upper
164	100		
129	87.3	72.2	134.0
131	90.3	65.8	122.2
166	110.8	88.3	163.9

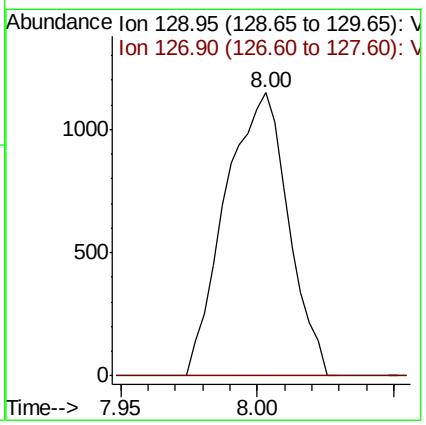


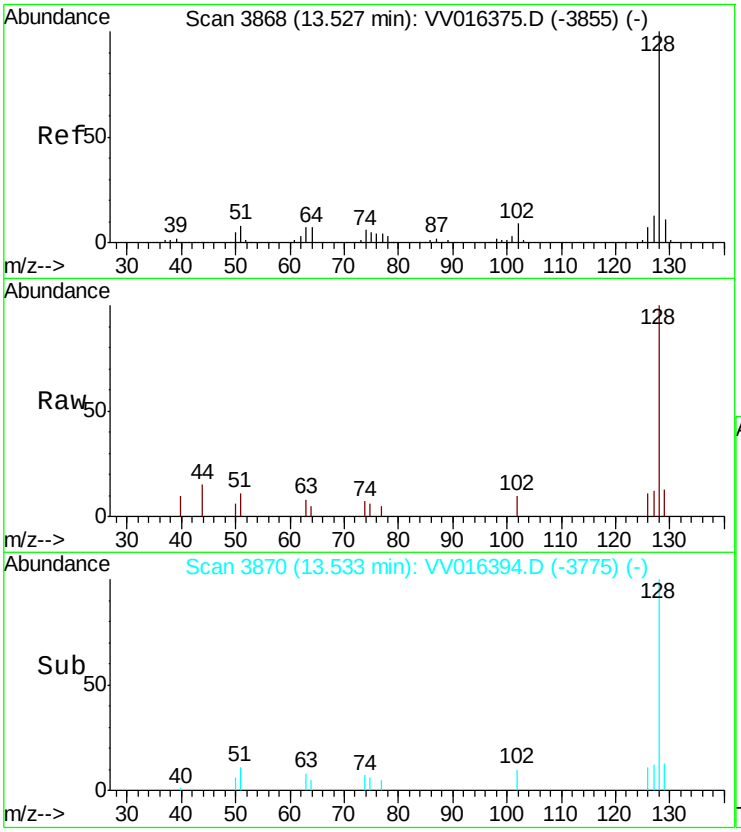


#51
Dibromochloromethane
Concen: 0.545 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Tgt Ion:129 Resp: 1844

Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.0	105.8#





#70
Naphthalene
Concen: 0.250 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV016394.D
Acq: 31 May 2020 17:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3338

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.9	10.7	16.1