Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\

Quantitation Report (Not Reviewed)

Data File : VV011982.D
Acq On : 23 Jul 2019 23:25
Operator : SY/MD
Sample : K3823-21DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52K2DL

Quant Time: Jul 24 07:51:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	114854	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54232	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29217	4.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%			
7) Chloroethane-d5	1.59	69	23955	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	50133	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.40%			
20) 2-Butanone-d5	3.94	46	111444	63.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.74%			
24) Chloroform-d	4.40	84	74188	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.08	65	45789	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%			
32) Benzene-d6	5.10	84	153326	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.12	67	45147	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.36	98	136692	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.67	79	17647	4.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.80%			
46) 2-Hexanone-d5	8.13	63	89619	61.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.56%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35618	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55725	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	2945	0.418	ug/L #	77
8) Chloroethane	1.33	64	1578	0.378	ug/L	90
12) 1,1-Dichloroethene	2.14	96	4225	0.808	ug/L #	1
19) 1,1-Dichloroethane	3.23	63	43390	3.018	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	11203	1.281	ug/L	98
25) Chloroform	4.43	83	6318	0.364	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	161104	11.286	ug/L	99
31) Carbon tetrachloride	4.66	117	20407	1.588	ug/L	99
34) Trichloroethene	5.96	95	2259	0.248	ug/L	92
35) Methylcyclohexane	6.12	83	12012	0.847	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5553	0.704	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1360	0.116	ug/L #	61
44) trans-1,3-Dichloropropene	7.66	75	924	0.099	ug/L	96
47) Tetrachloroethene	8.02	164	1358	0.173	ug/L	88
48) 2-Hexanone	8.13	43	11133	3.601	ug/L #	67
49) Dibromochloromethane	8.02	129	1459	0.219	ug/L #	10

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\

Quantitation Report (Not Reviewed)

Data File : VV011982.D
Acq On : 23 Jul 2019 23:25
Operator : SY/MD
Sample : K3823-21DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Quant Time: Jul 24 07:51:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
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\VV072319\

Quantitation Report (Not Reviewed)

Data File : VV011982.D
Acq On : 23 Jul 2019 23:25
Operator : SY/MD
Sample : K3823-21DL 10X
Misc : 25ML/MSVOA_V/WATER
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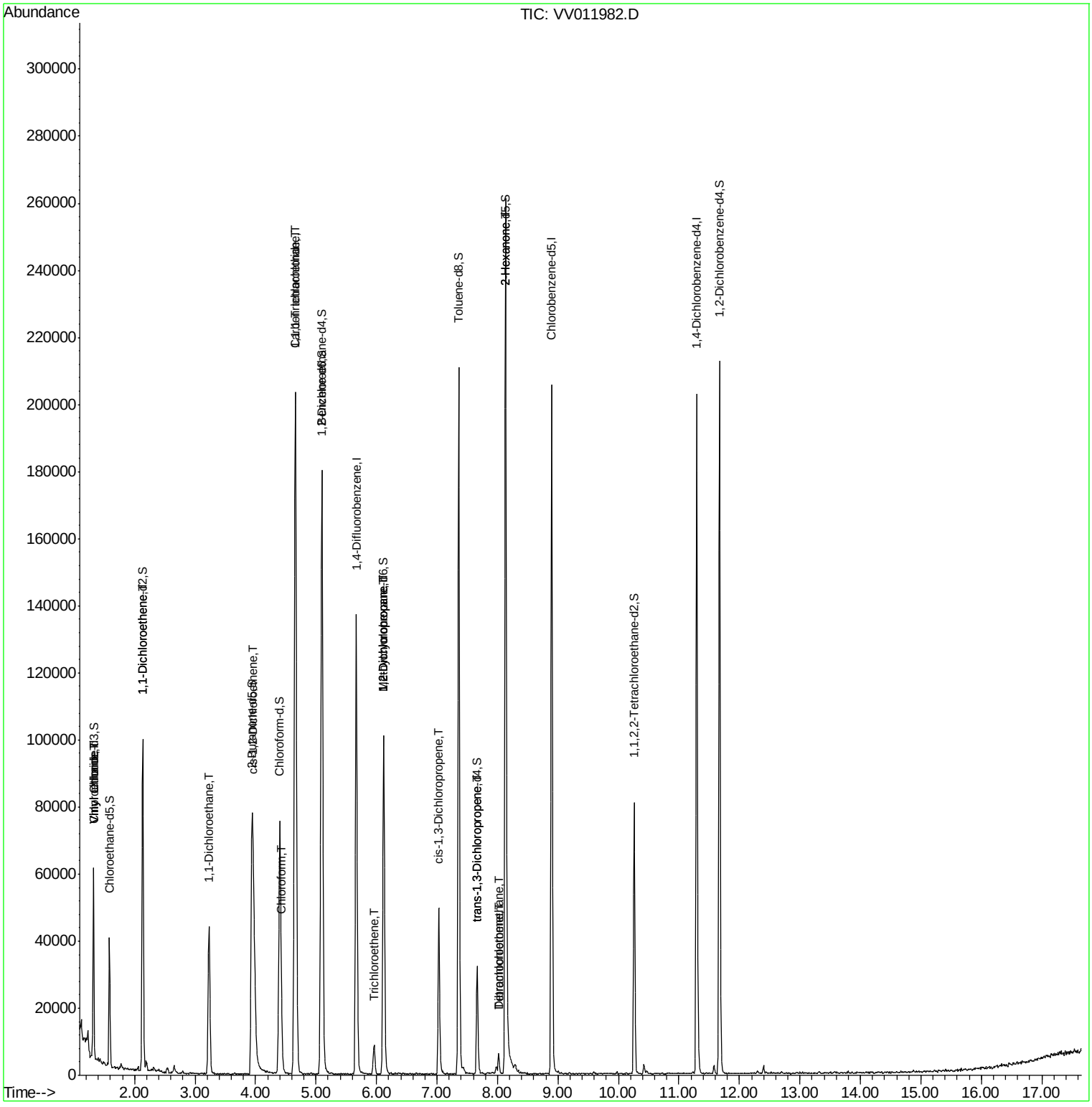
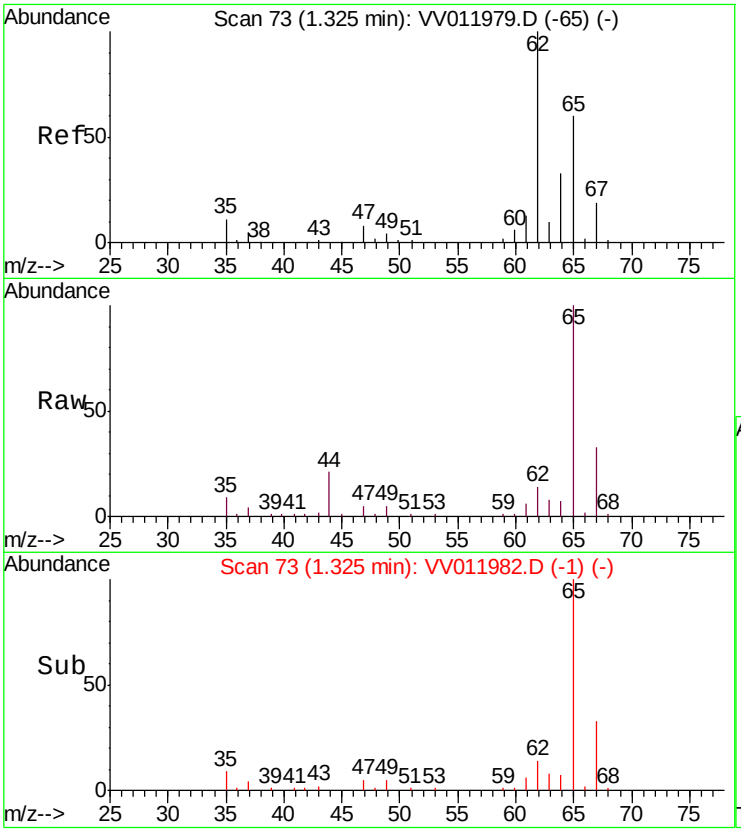
Quant Time: Jul 24 07:51:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration



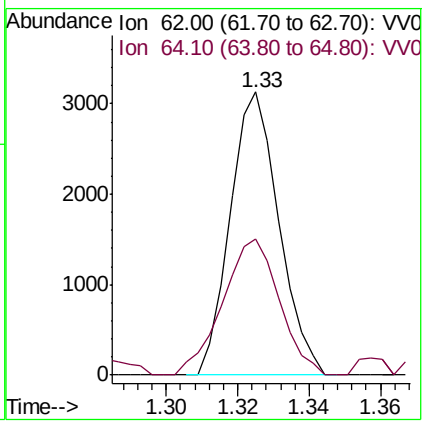


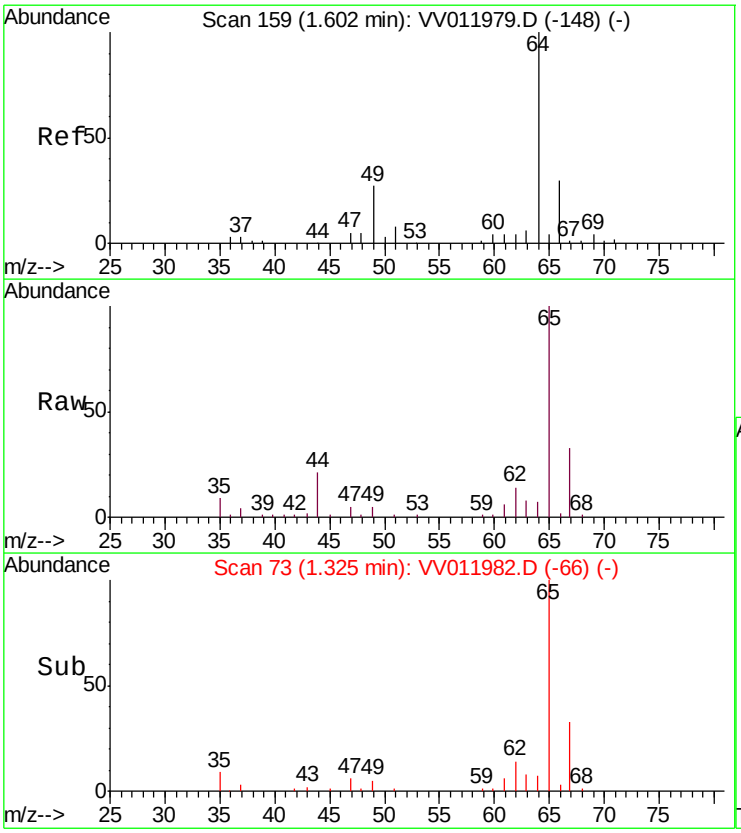
#5
Vinyl chloride
Concen: 0.418 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 62 Resp: 2945

Ion	Ratio	Lower	Upper
62	100		
64	48.1	24.3	45.1#

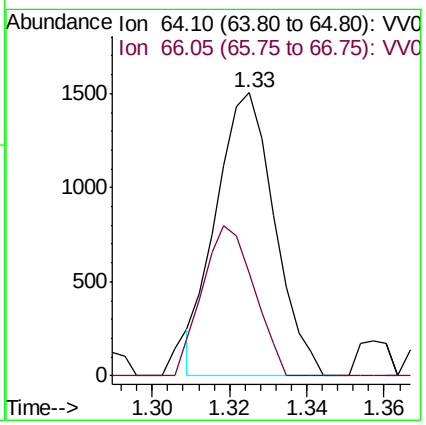


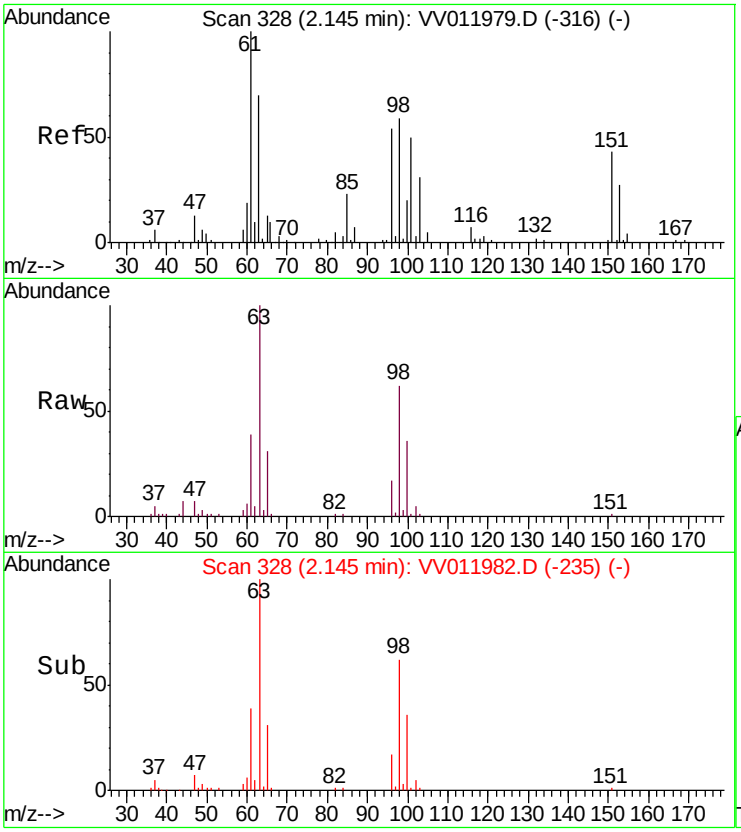


#8
Chloroethane
Concen: 0.378 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.28 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion: 64 Resp: 1578

Ion	Ratio	Lower	Upper
64	100		
66	36.5	21.8	40.6



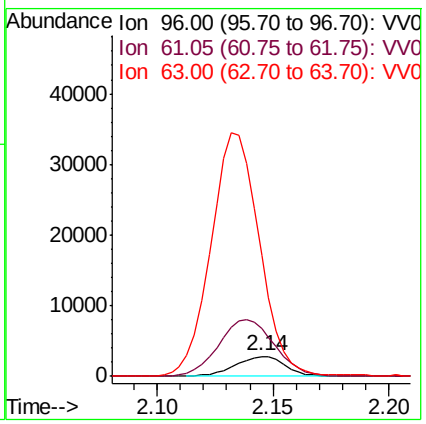


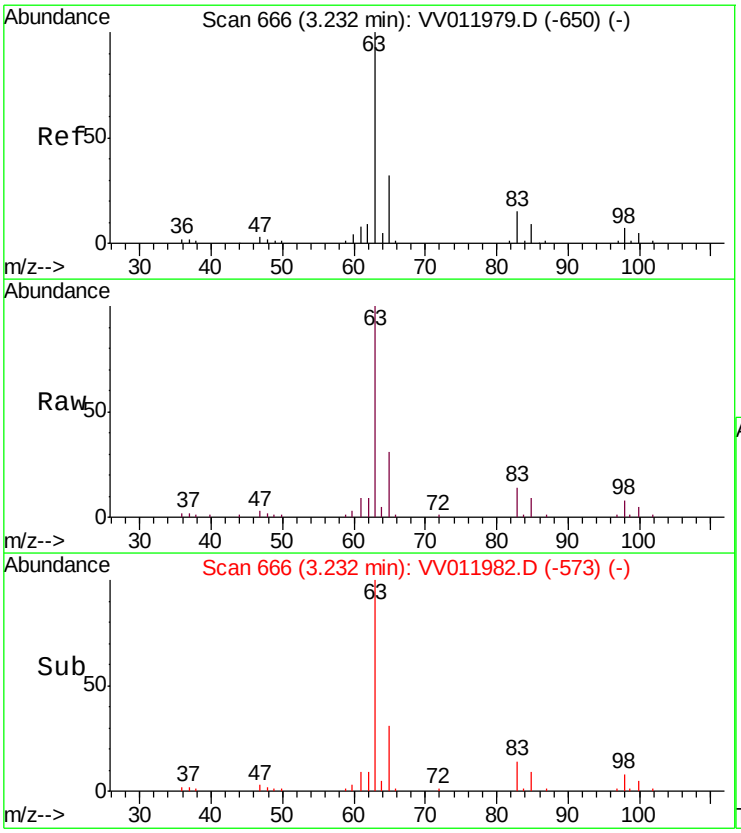
#12
1,1-Dichloroethene
Concen: 0.808 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 96 Resp: 4225

Ion	Ratio	Lower	Upper
96	100		
61	237.7	132.7	246.5
63	602.5	104.0	193.1#

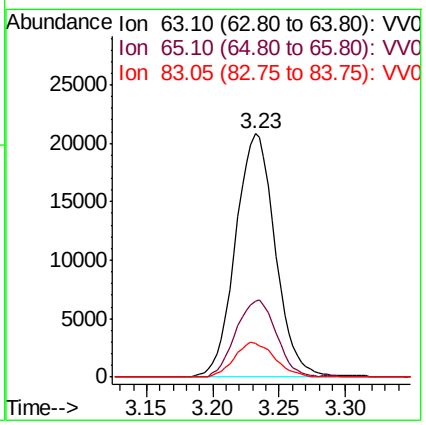


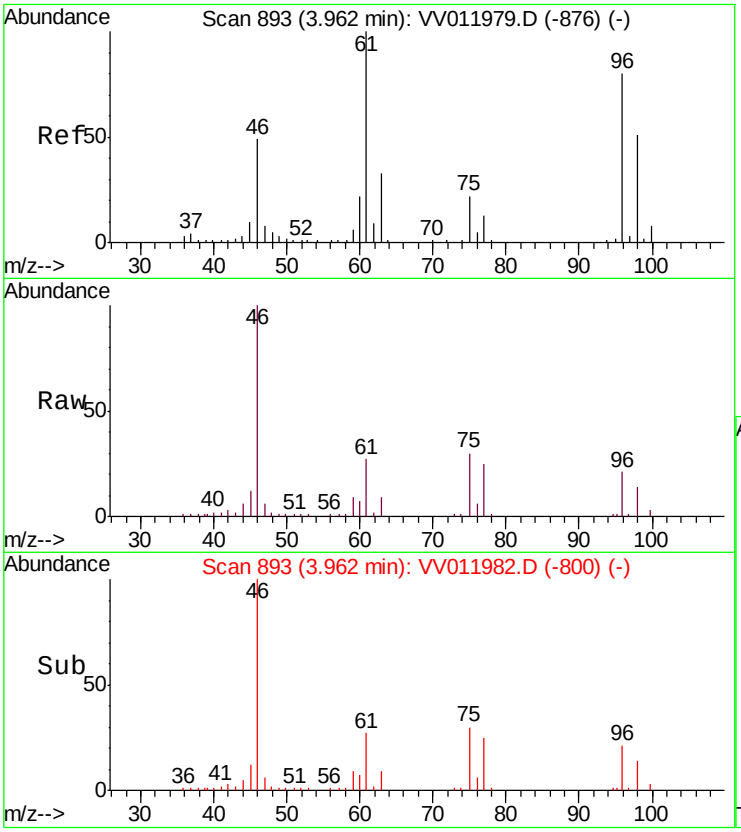


#19
1,1-Dichloroethane
Concen: 3.018 ug/L
RT: 3.23 min Scan# 666
Delta R.T. -0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion: 63 Resp: 43390

Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.5	43.7
83	13.9	9.7	18.1



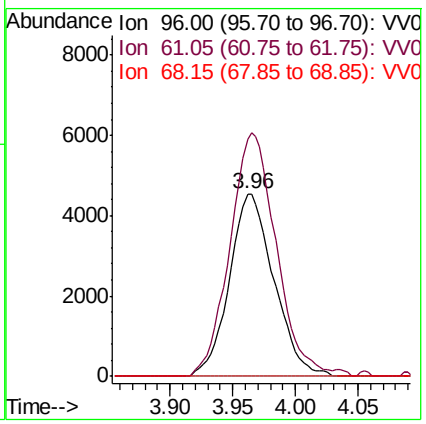


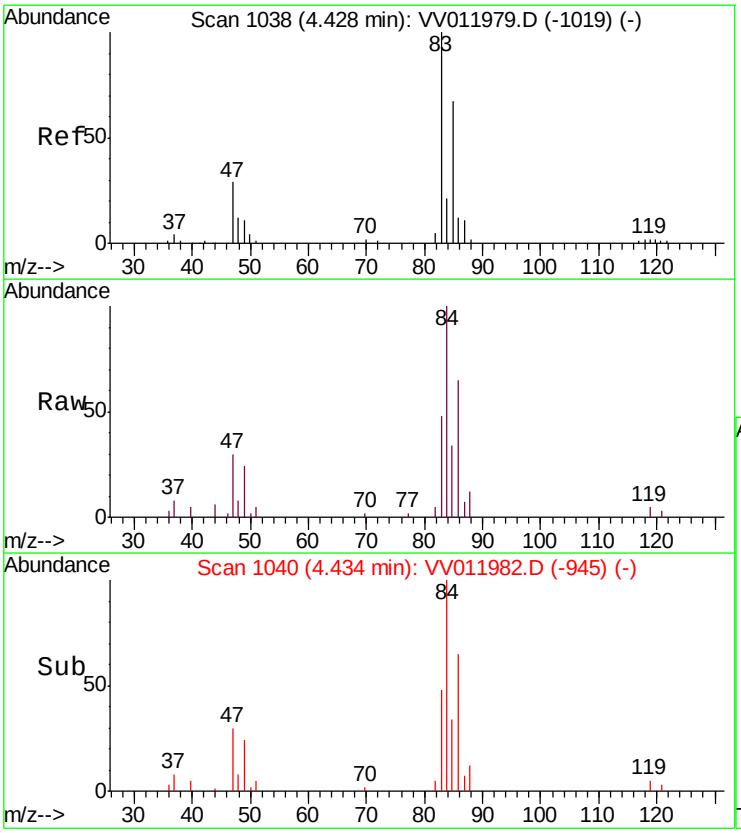
#22
cis-1,2-Dichloroethene
Concen: 1.281 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 96 Resp: 11203

Ion	Ratio	Lower	Upper
96	100		
61	129.8	89.0	165.2
68	0.0	0.0	0.0

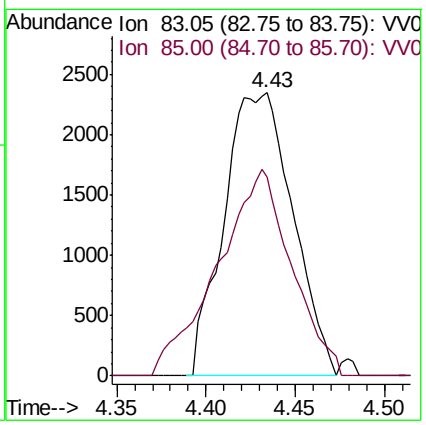


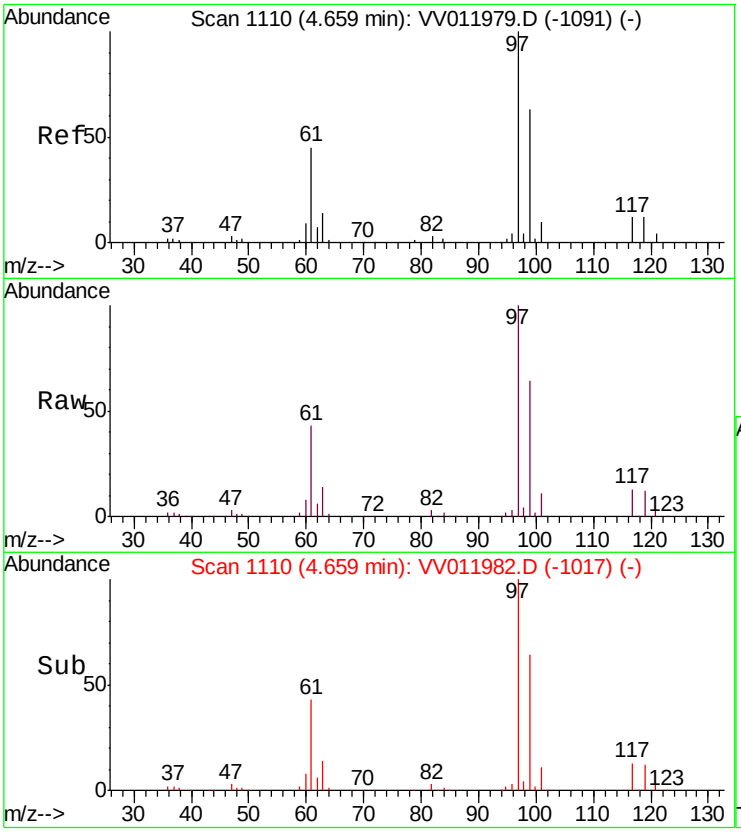


#25
Chloroform
Concen: 0.364 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion: 83 Resp: 6318

Ion	Ratio	Lower	Upper
83	100		
85	70.1	46.5	86.3



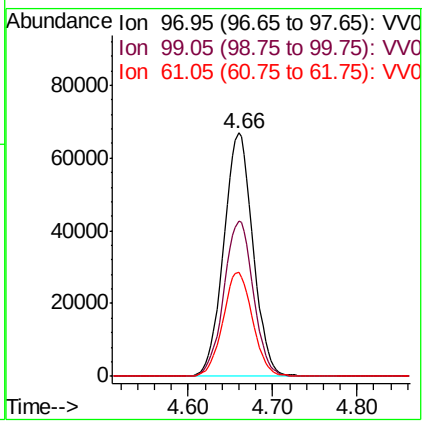


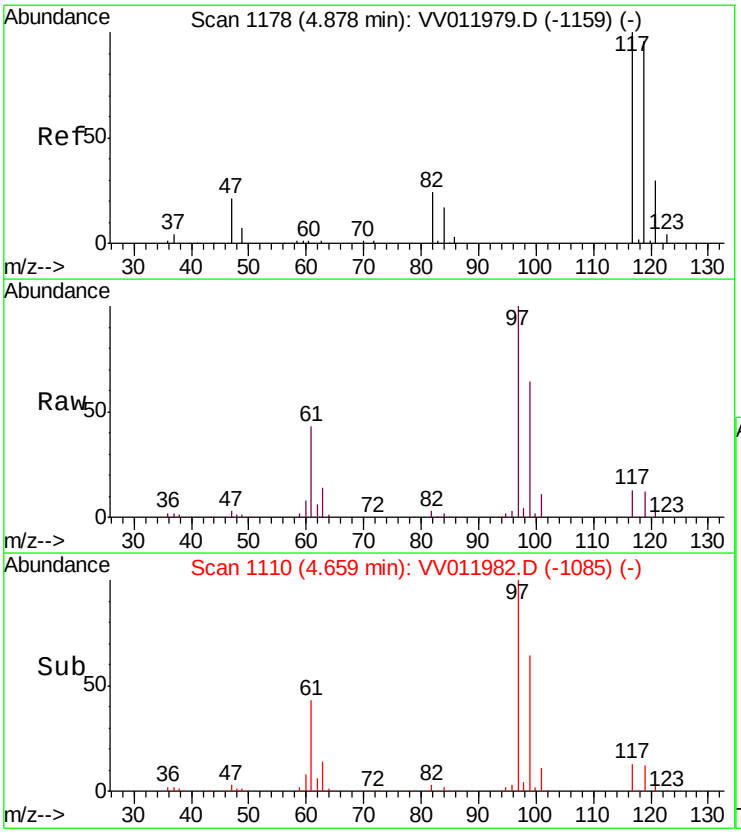
#29
1,1,1-Trichloroethane
Concen: 11.286 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 97 Resp: 161104

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	43.1	35.1	52.7

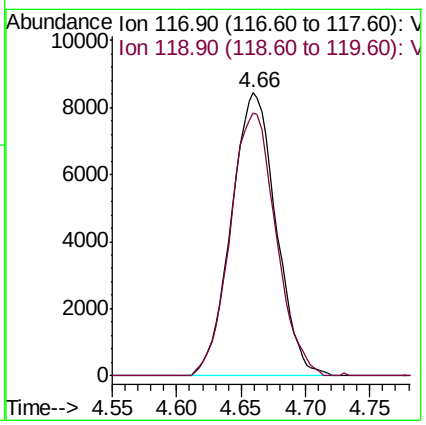


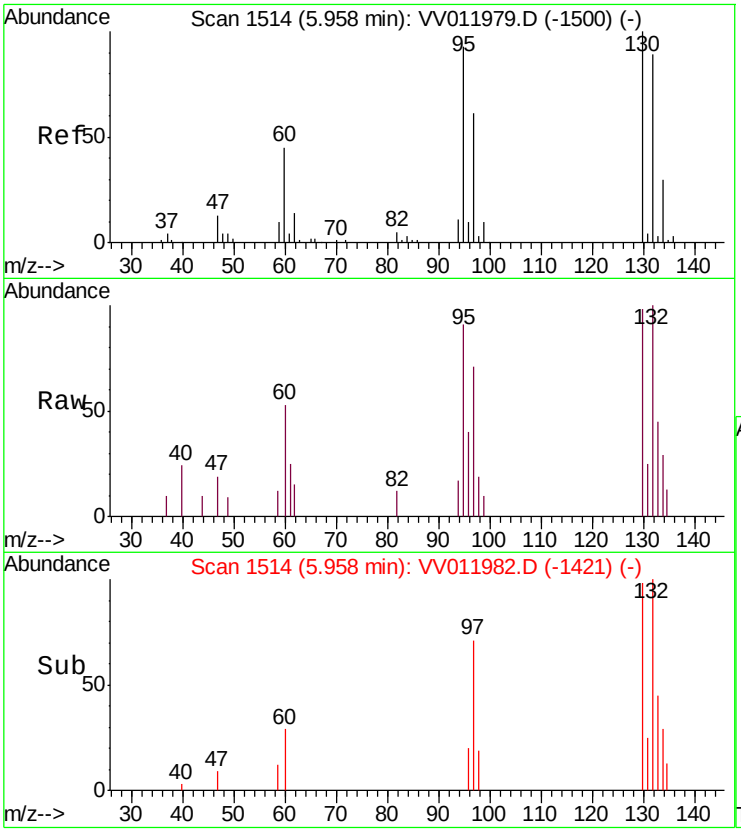


#31
Carbon tetrachloride
Concen: 1.588 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.22 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion:117 Resp: 20407

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.4	114.6



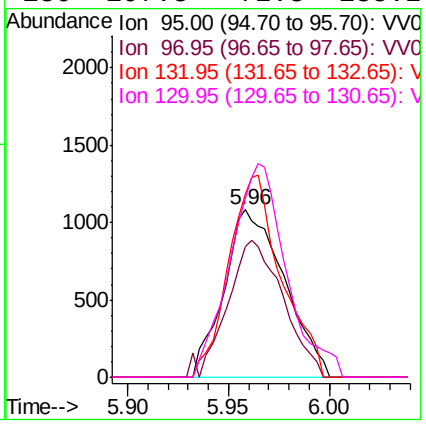


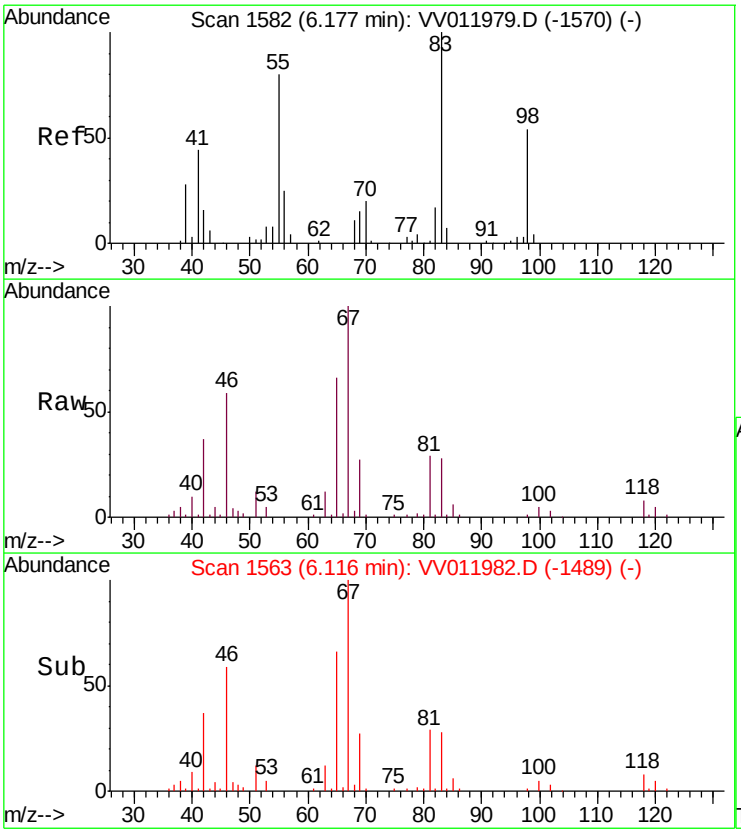
#34
Trichloroethene
Concen: 0.248 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 95 Resp: 2259

Ion	Ratio	Lower	Upper
95	100		
97	77.9	45.6	84.6
132	109.4	71.3	132.3
130	107.3	72.8	135.2

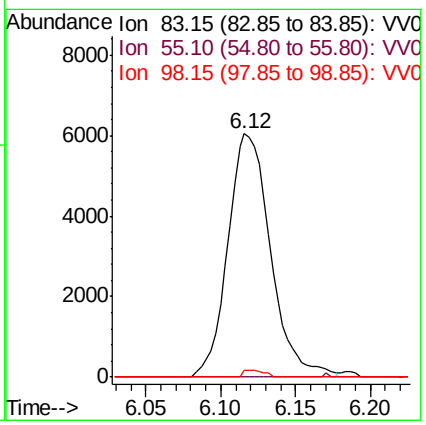


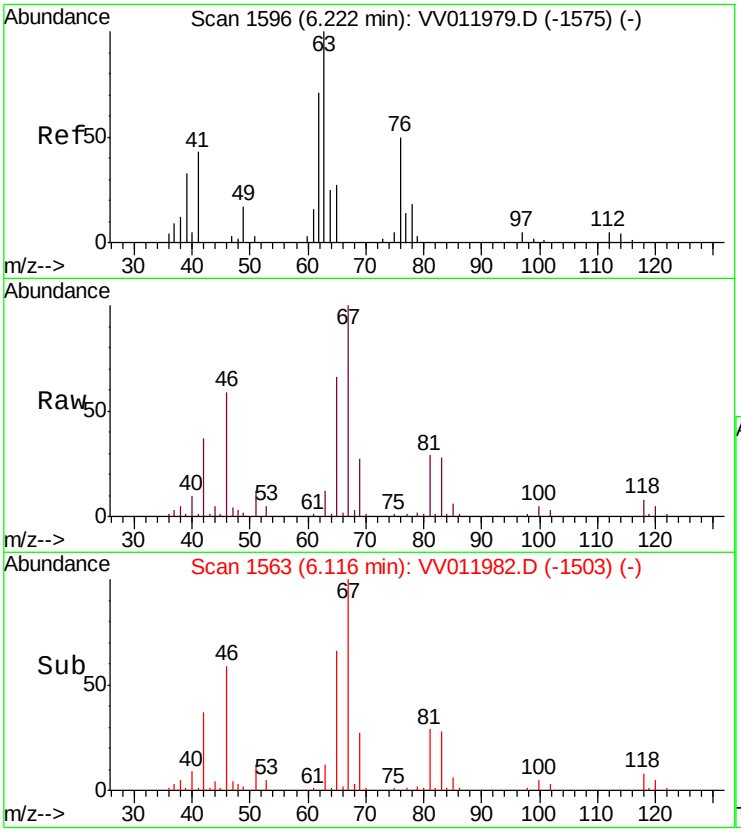


#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion: 83 Resp: 12012

Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.0	94.4#
98	1.4	41.4	62.0#



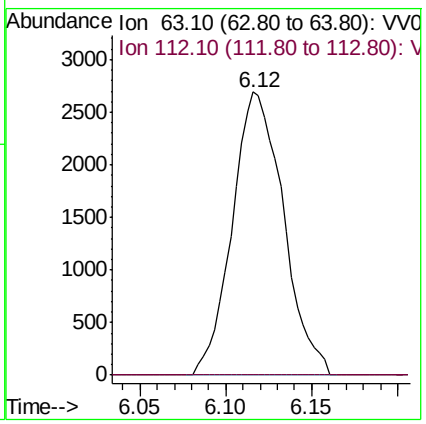


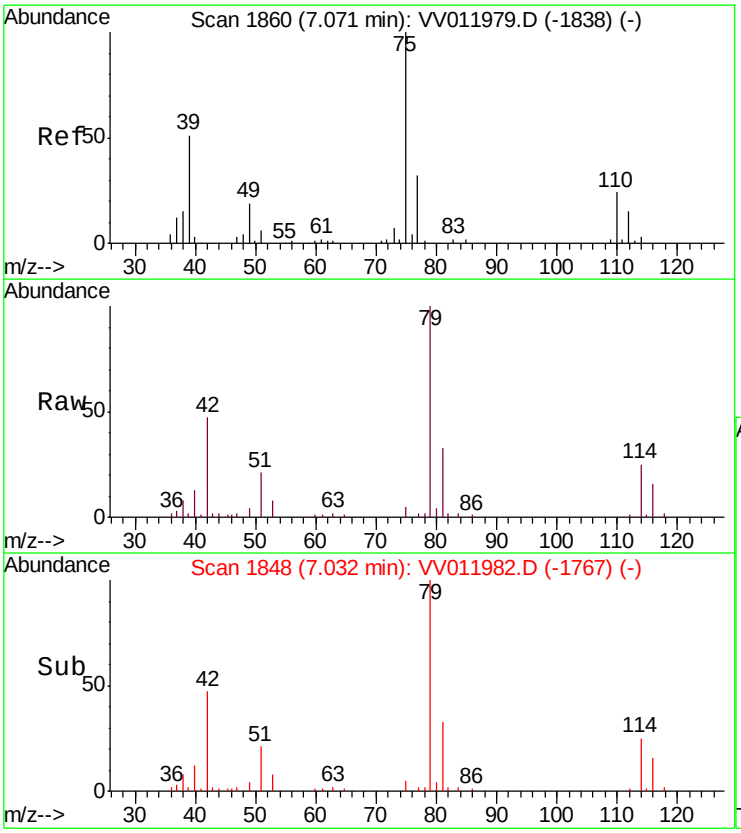
#37
1,2-Dichloropropane
Concen: 0.704 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 63 Resp: 5553

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

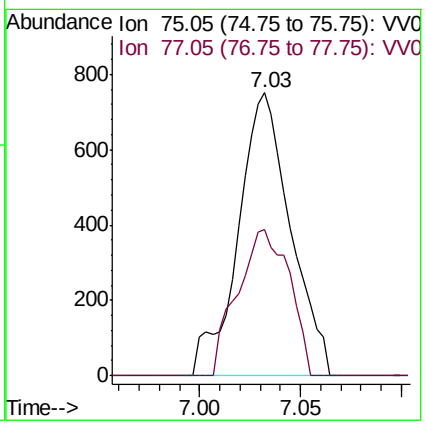


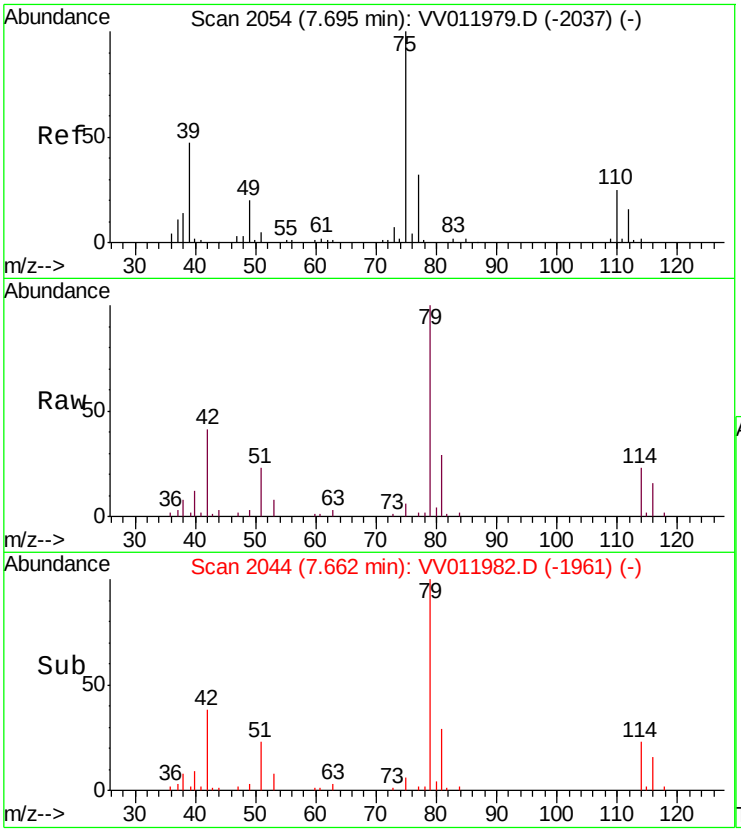


#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion: 75 Resp: 1360

Ion	Ratio	Lower	Upper
75	100		
77	51.7	21.3	39.6#



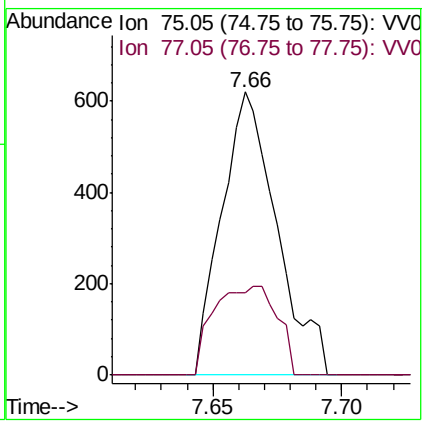


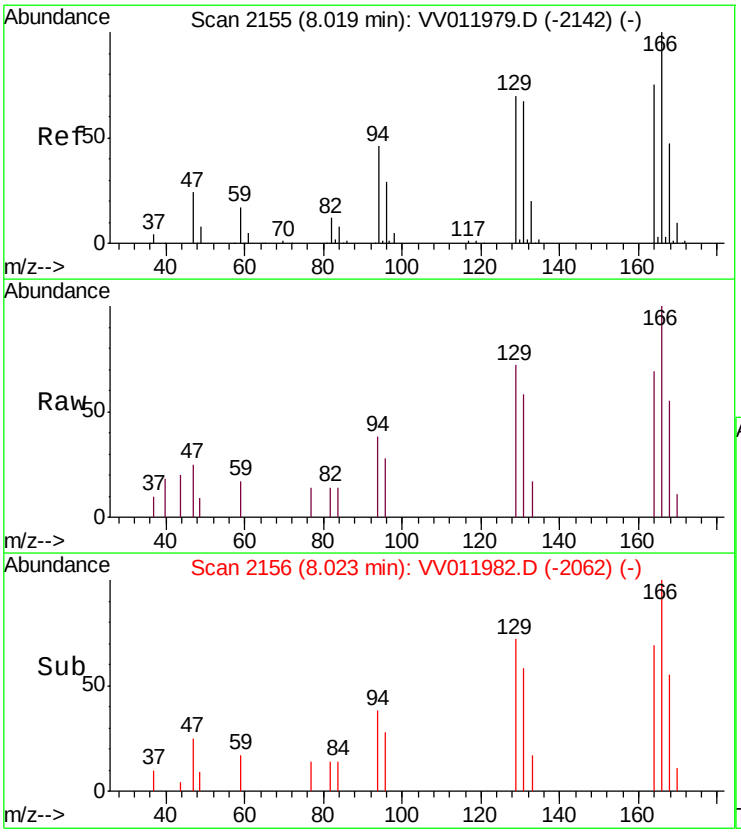
#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument :
MSVOA_V
ClientSampleId :
A52K2DL

Tgt Ion: 75 Resp: 924

Ion	Ratio	Lower	Upper
75	100		
77	29.0	22.0	40.8

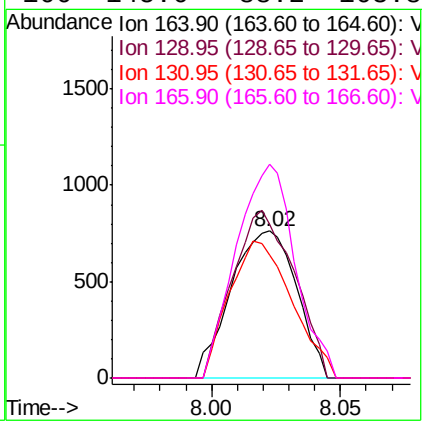


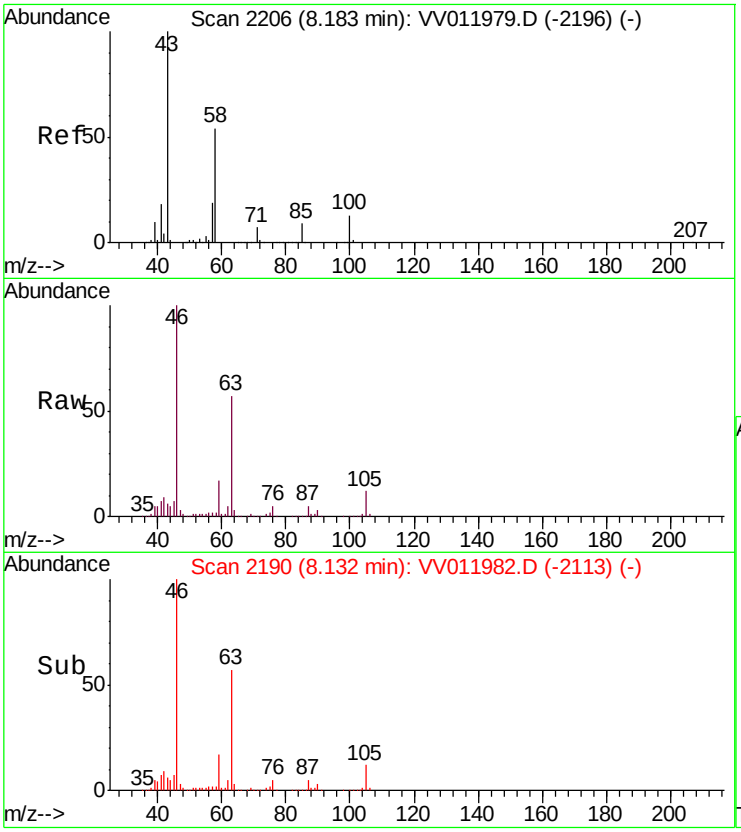


#47
Tetrachloroethene
Concen: 0.173 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion:164 Resp: 1358

Ion	Ratio	Lower	Upper
164	100		
129	104.7	62.5	116.1
131	83.8	58.6	108.8
166	145.6	88.2	163.8



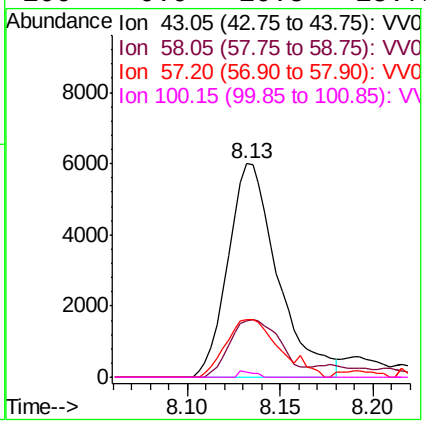


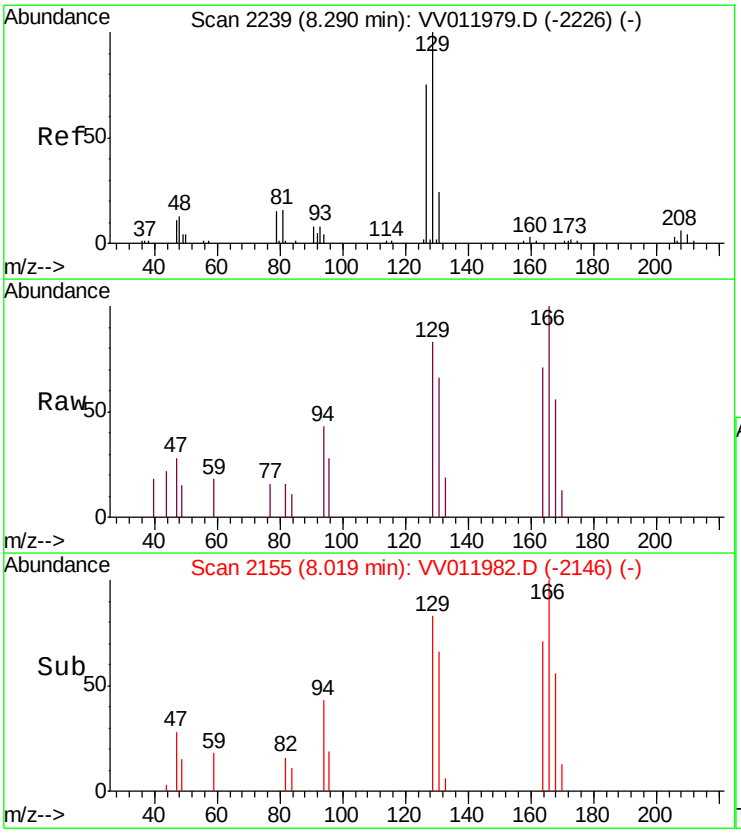
#48
2-Hexanone
Concen: 3.601 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Instrument : MSVOA_V
ClientSampleId : A52K2DL

Tgt Ion: 43 Resp: 11133

Ion	Ratio	Lower	Upper
43	100		
58	27.5	43.7	65.5#
57	29.2	16.0	24.0#
100	0.9	10.5	15.7#





#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV011982.D
Acq: 23 Jul 2019 23:25

Tgt Ion:129 Resp: 1459

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#