Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091119\

Quantitation Report (Not Reviewed)

Data File : VV012675.D
Acq On : 11 Sep 2019 16:12
Operator : SY/MD
Sample : K4809-04DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDC1DL

Quant Time: Sep 12 07:20:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	385538	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	170051	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	150796	5.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.40%			
7) Chloroethane-d5	1.55	69	60985	2.82	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 56.40%#			
11) 1,1-Dichloroethene-d2	2.12	63	191788	4.54	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	3.94	46	255496	40.60	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.20%			
24) Chloroform-d	4.39	84	232750	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.08	65	131745	5.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.80%			
32) Benzene-d6	5.09	84	523959	5.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.20%			
36) 1,2-Dichloropropane-d6	6.11	67	164488	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.36	98	427422	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
43) trans-1,3-Dichloropropene-	7.66	79	49325	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	8.13	63	185864	48.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.24%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108495	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	171971	5.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.20%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2017	0.080	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	4768	0.199	ug/L #	1
13) Acetone	2.19	43	11333	3.072	ug/L	97
15) Methyl Acetate	2.45	43	16670	1.680	ug/L	98
16) Methylene chloride	2.53	84	8643	0.295	ug/L	96
22) cis-1,2-Dichloroethene	3.95	96	188851	6.456	ug/L	100
25) Chloroform	4.42	83	35044	0.628	ug/L	94
27) 1,2-Dichloroethane	5.09	62	3027	0.103	ug/L	97
34) Trichloroethene	5.96	95	47229	1.511	ug/L	98
35) Methylcyclohexane	6.12	83	40081	0.907	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	17918	0.636	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3607	0.098	ug/L #	59
44) trans-1,3-Dichloropropene	7.66	75	2039	0.073	ug/L #	55
47) Tetrachloroethene	8.02	164	278294	11.339	ug/L	98
48) 2-Hexanone	8.19	43	44554	3.986	ug/L #	90
49) Dibromochloromethane	8.02	129	243302	10.422	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091119\

Quantitation Report (Not Reviewed)

Data File : VV012675.D
Acq On : 11 Sep 2019 16:12
Operator : SY/MD
Sample : K4809-04DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDC1DL

Quant Time: Sep 12 07:20:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 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\VV091119\

Quantitation Report (Not Reviewed)

Data File : VV012675.D
Acq On : 11 Sep 2019 16:12
Operator : SY/MD
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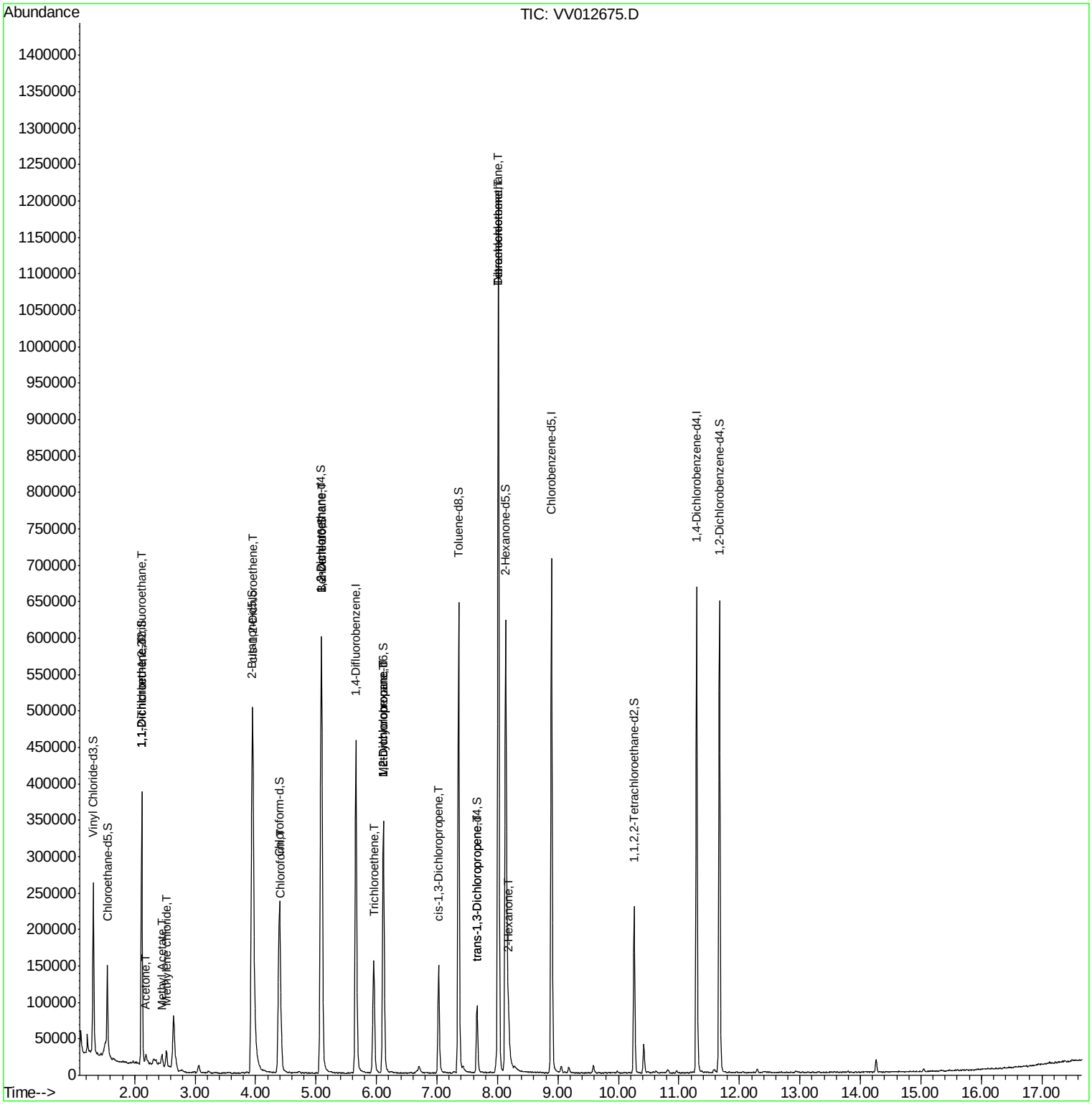
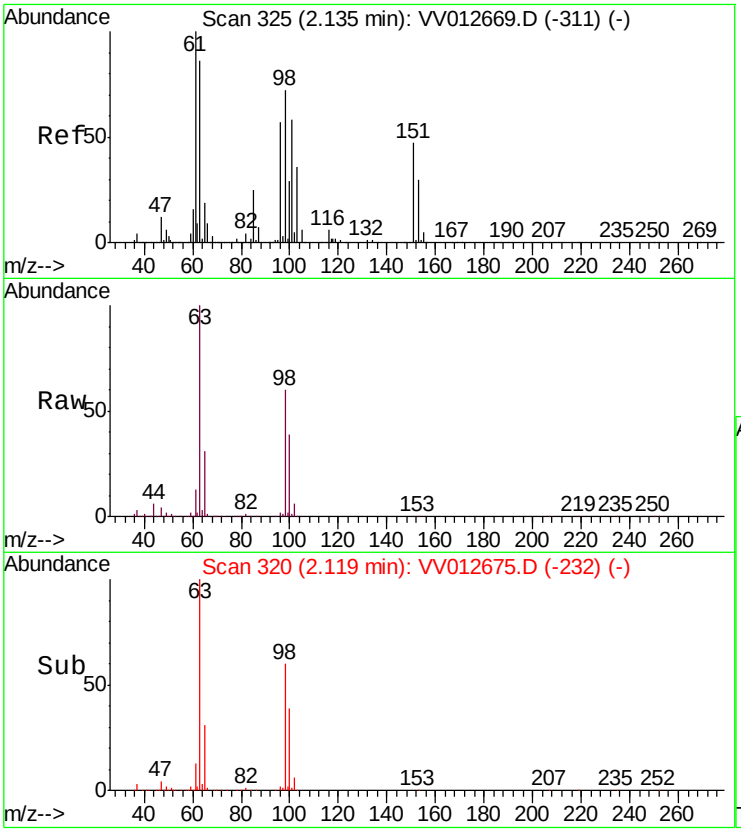
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 07:16:59 2019
Response via : Initial Calibration



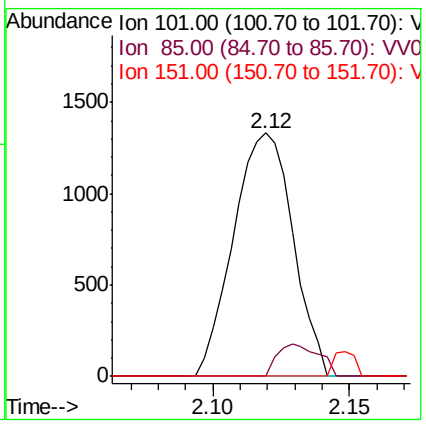


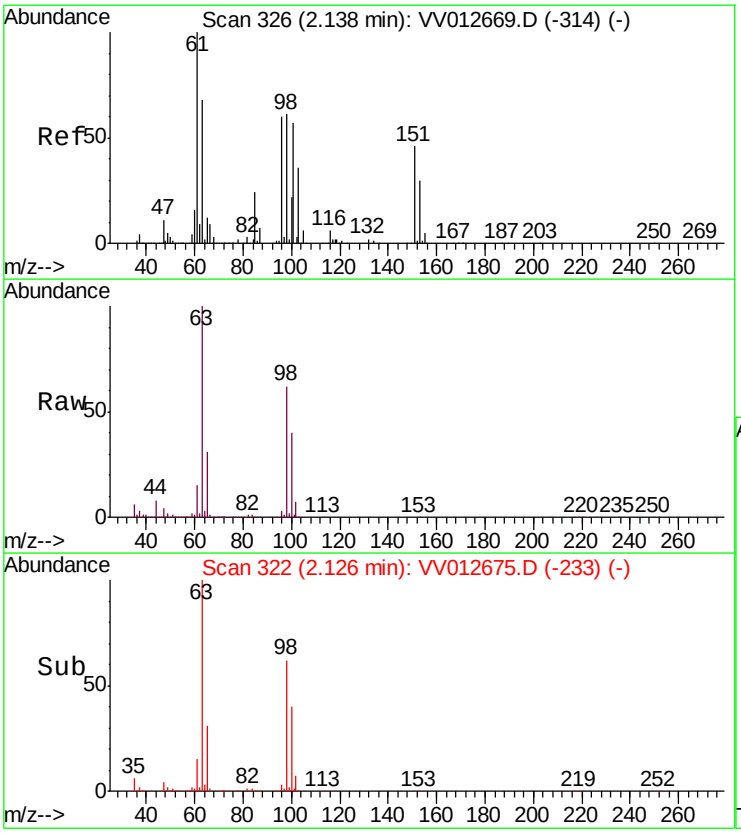
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.02 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tgt Ion:101 Resp: 2017

Ion	Ratio	Lower	Upper
101	100		
85	9.1	33.0	49.6#
151	3.6	65.8	98.8#

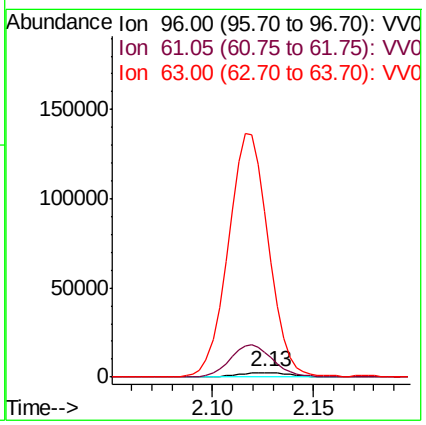


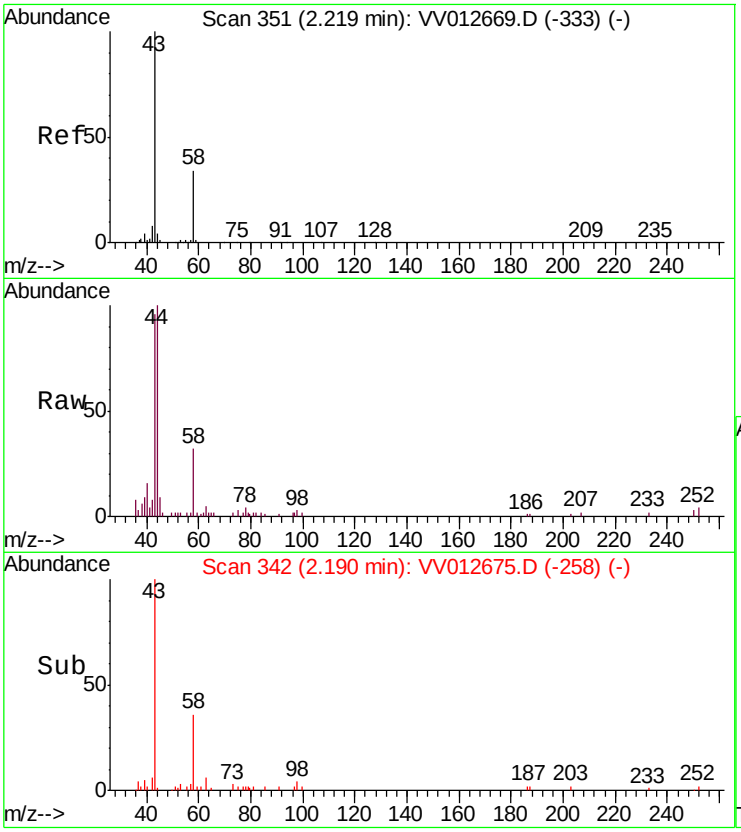


#12
1,1-Dichloroethene
Concen: 0.199 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 96 Resp: 4768

Ion	Ratio	Lower	Upper
96	100		
61	516.1	115.8	215.0#
63	3436.2	79.4	147.4#



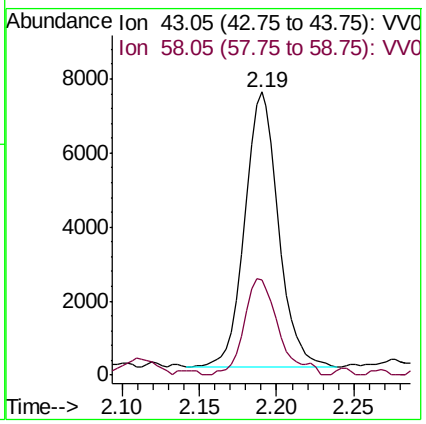


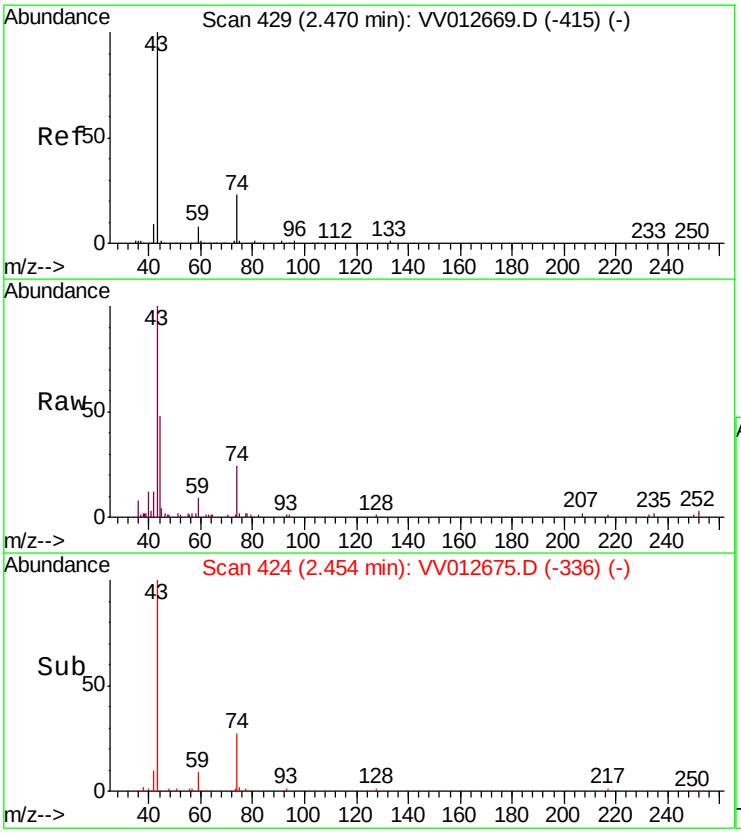
#13
Acetone
Concen: 3.072 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.03 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument : MSVOA_V
ClientSampleId : BFDC1DL

Tgt Ion: 43 Resp: 11333

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	67.4

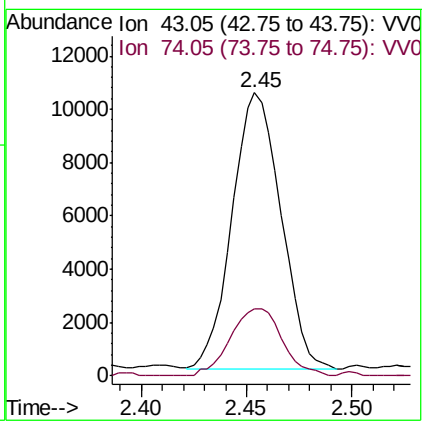


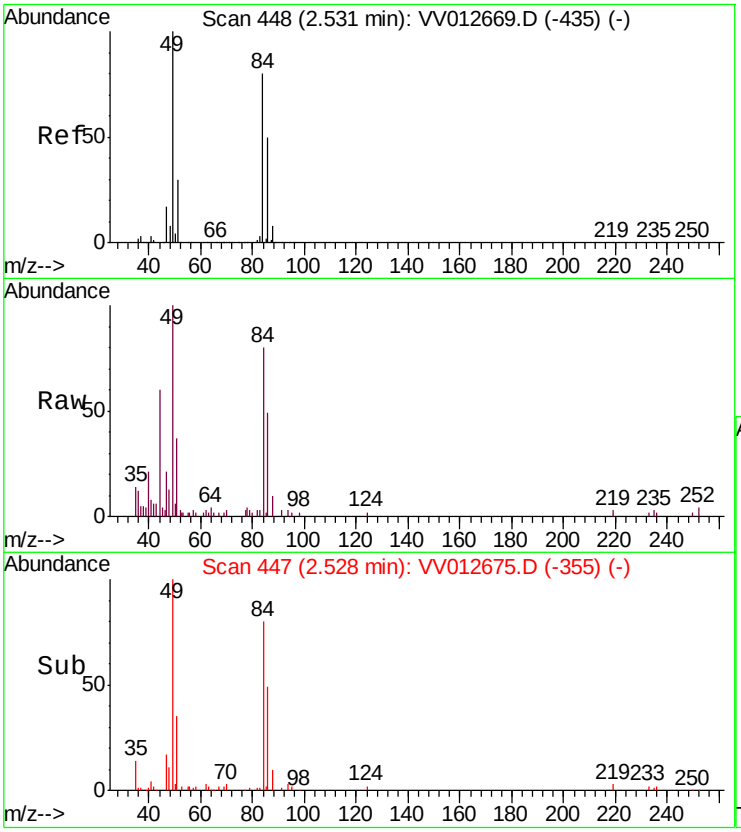


#15
Methyl Acetate
Concen: 1.680 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.02 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 43 Resp: 16670

Ion	Ratio	Lower	Upper
43	100		
74	25.8	19.8	29.6



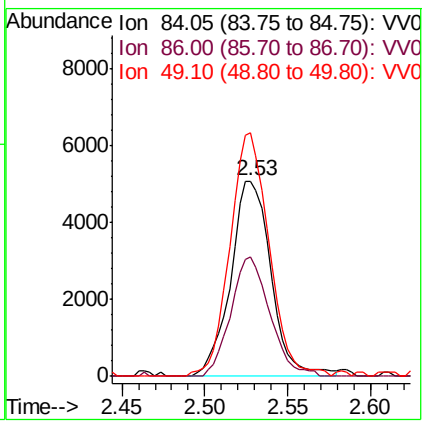


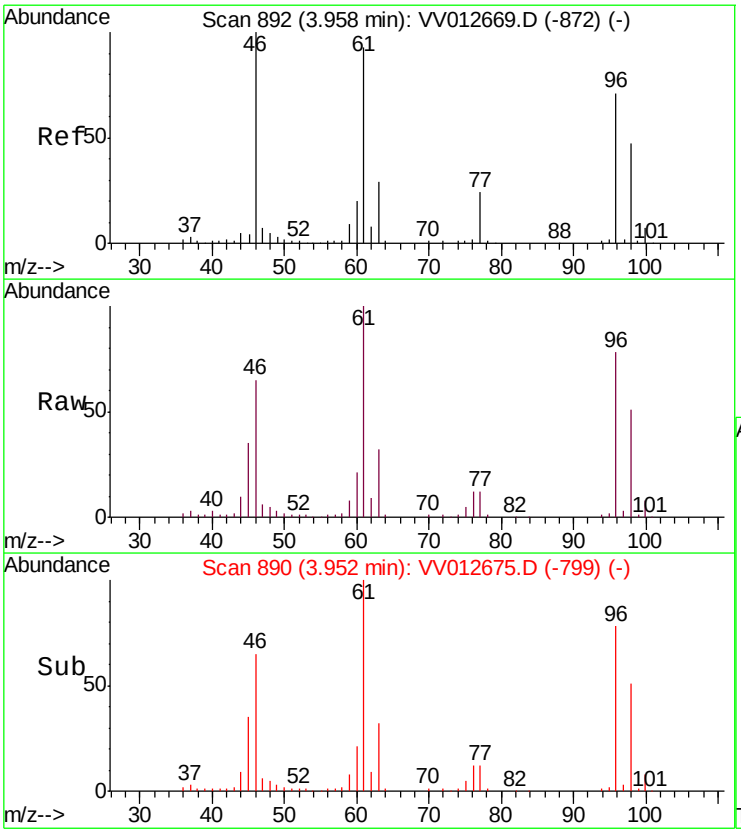
#16
Methylene chloride
Concen: 0.295 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tgt Ion: 84 Resp: 8643

Ion	Ratio	Lower	Upper
84	100		
86	60.9	46.1	85.7
49	124.5	85.3	158.3

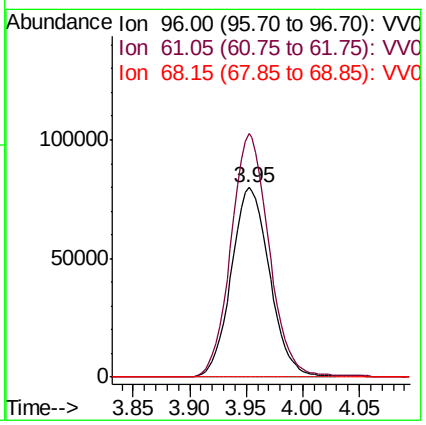


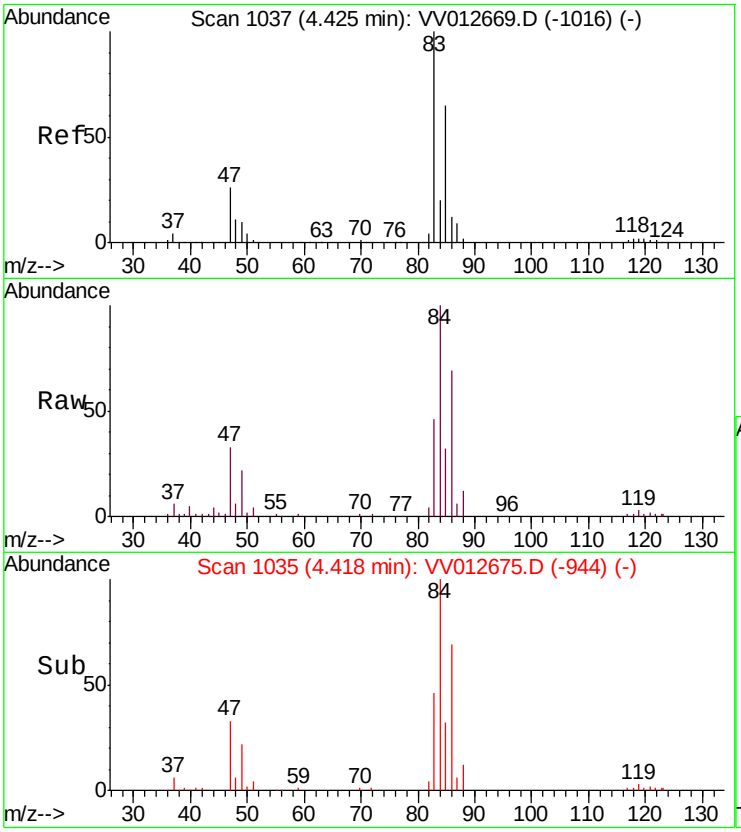


#22
cis-1,2-Dichloroethene
Concen: 6.456 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 96 Resp: 188851

Ion	Ratio	Lower	Upper
96	100		
61	128.4	89.7	166.5
68	0.0	0.0	0.0



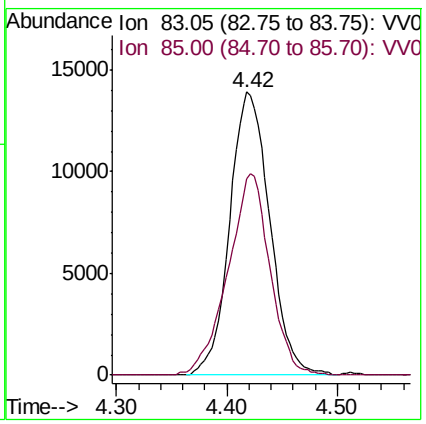


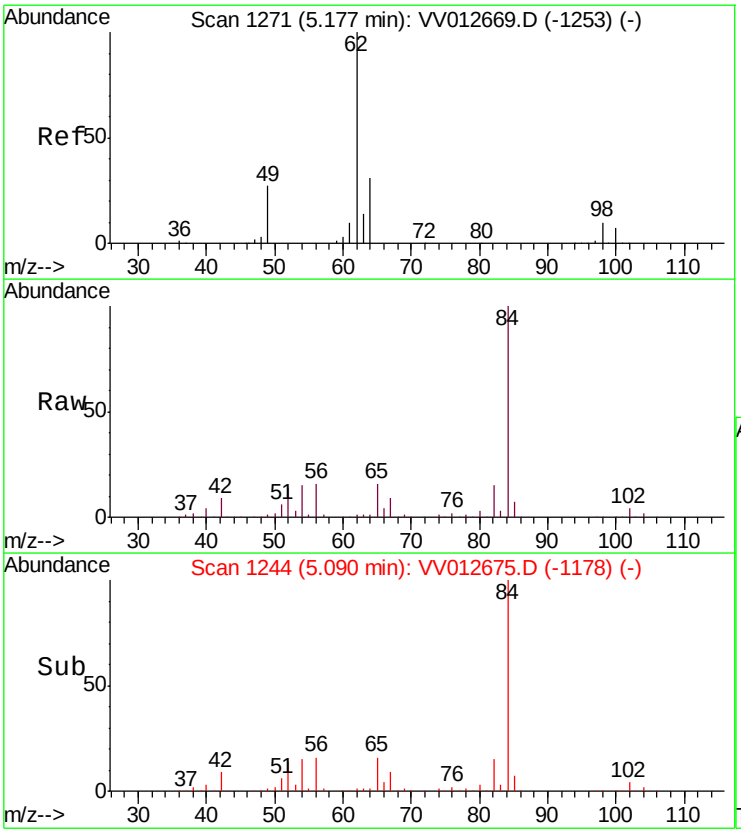
#25
Chloroform
Concen: 0.628 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tgt Ion: 83 Resp: 35044

Ion	Ratio	Lower	Upper
83	100		
85	69.3	45.3	84.1

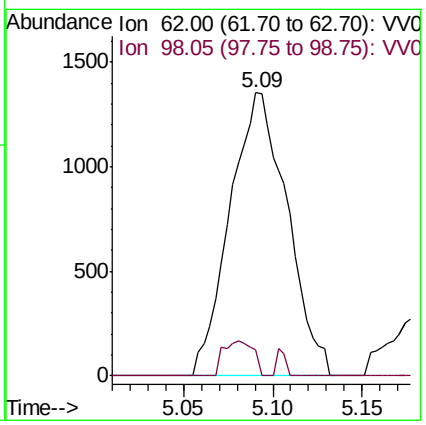


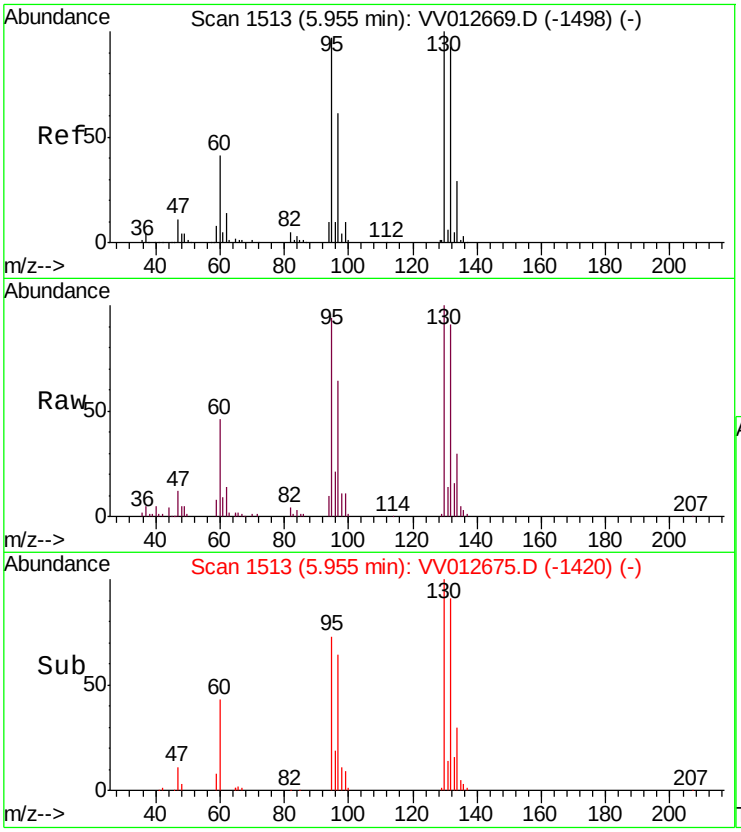


#27
1,2-Dichloroethane
Concen: 0.103 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.09 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 62 Resp: 3027

Ion	Ratio	Lower	Upper
62	100		
98	9.2	8.4	12.6



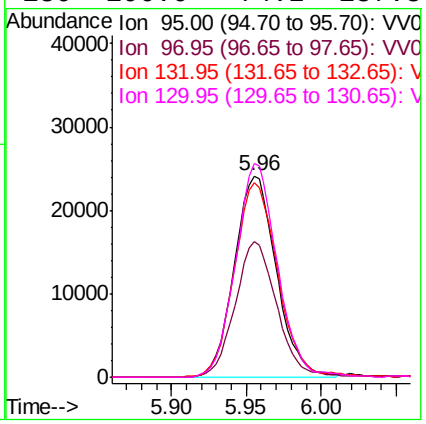


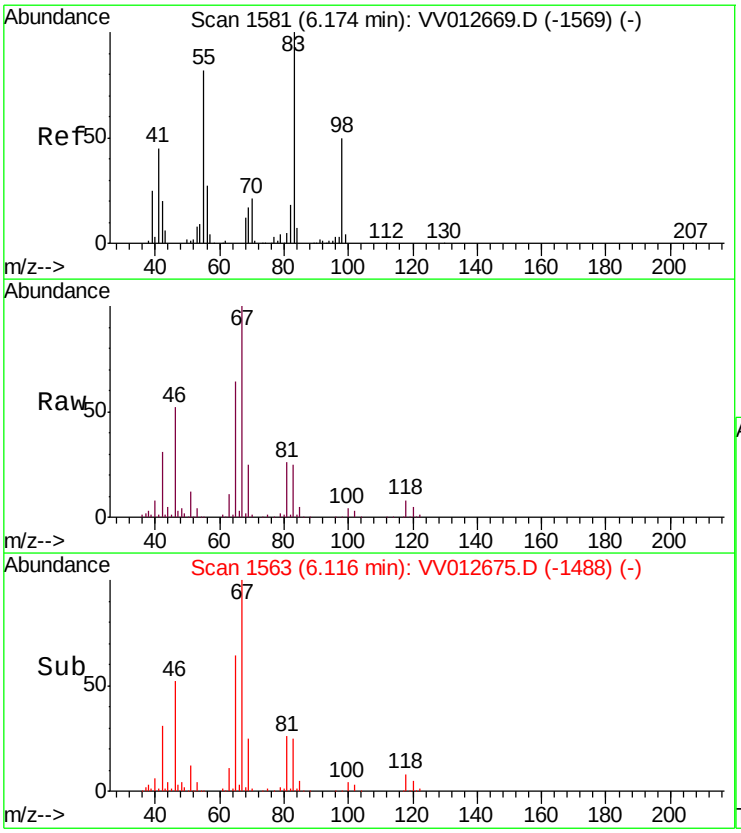
#34
Trichloroethene
Concen: 1.511 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tgt Ion: 95 Resp: 47229

Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.4	84.2
132	96.6	70.2	130.4
130	106.0	74.2	137.8

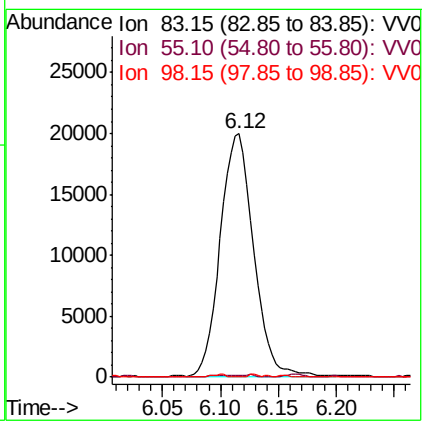


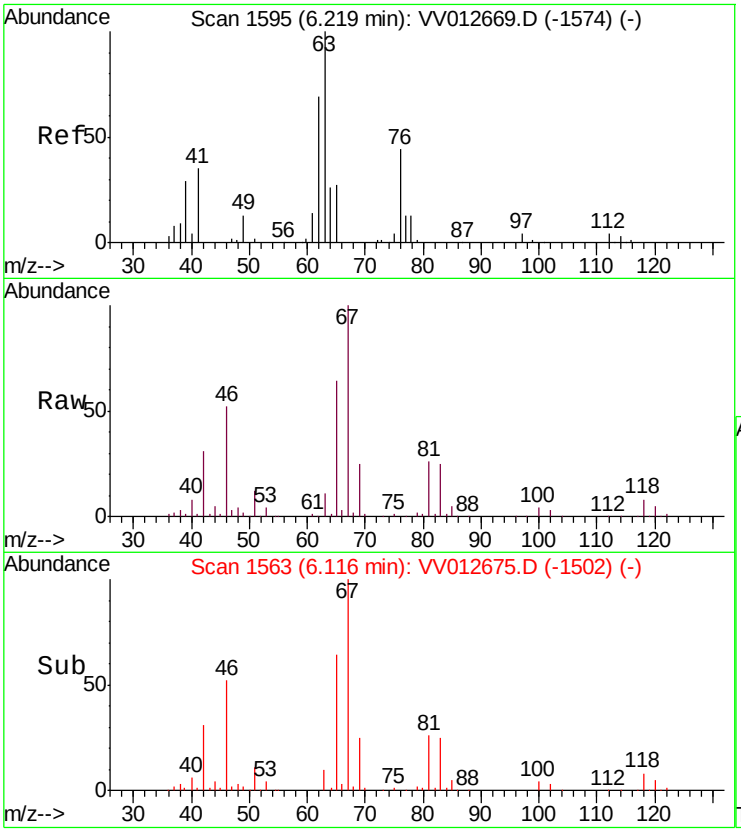


#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 83 Resp: 40081

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.0	94.4#
98	0.0	39.8	59.8#



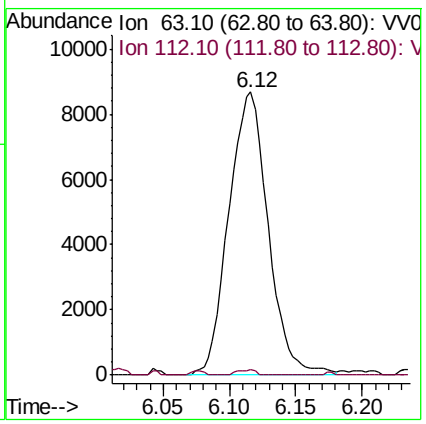


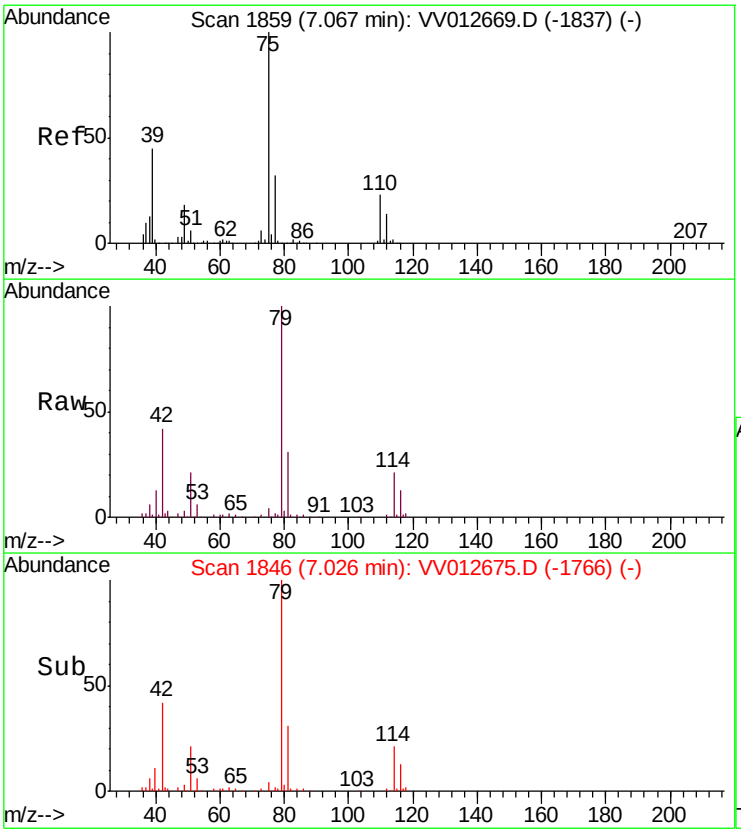
#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tgt Ion: 63 Resp: 17918

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.8	5.6#

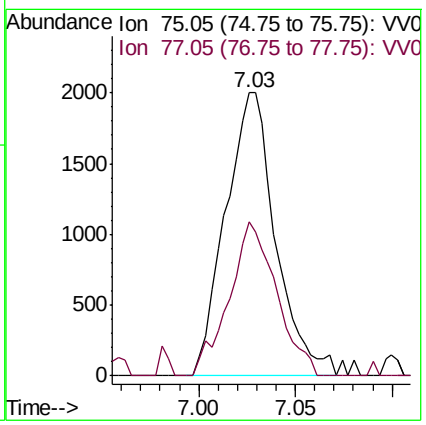


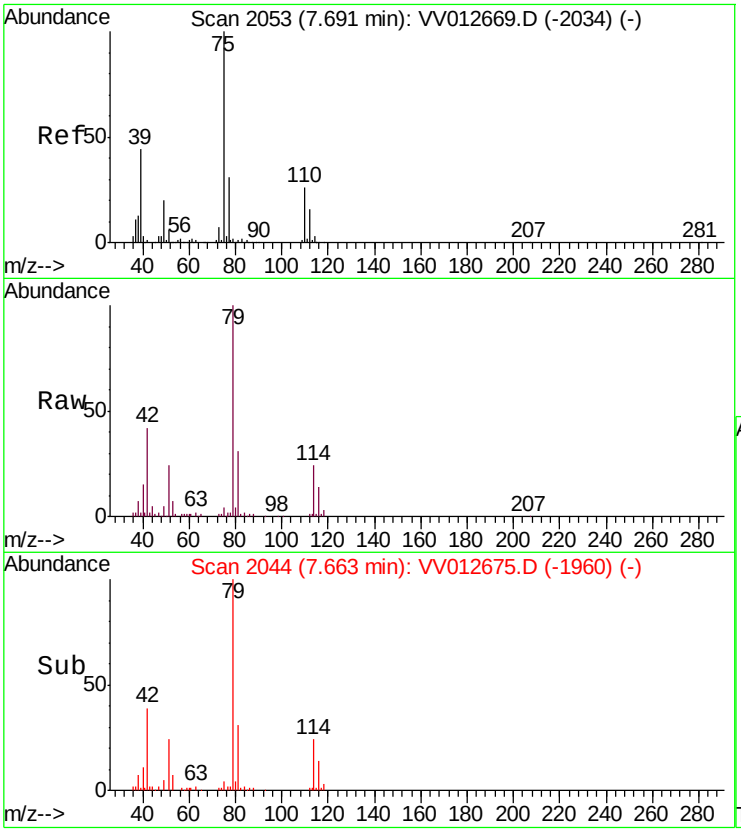


#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion: 75 Resp: 3607

Ion	Ratio	Lower	Upper
75	100		
77	54.4	22.3	41.3#



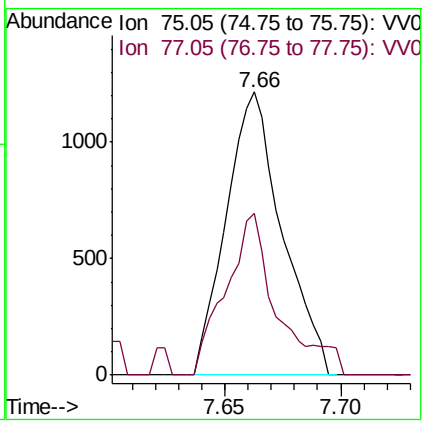


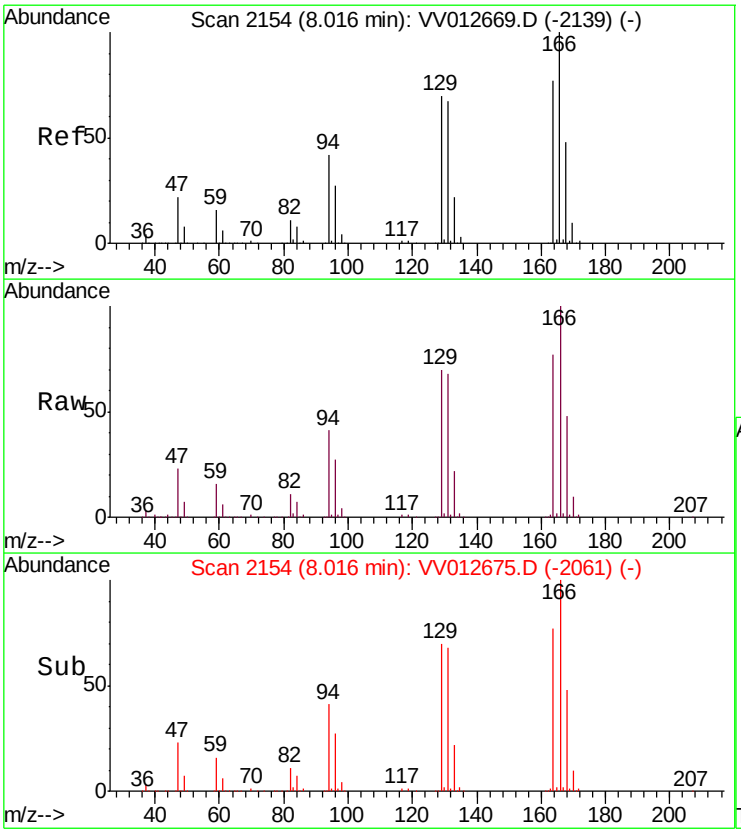
#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFDC1DL

Tgt Ion: 75 Resp: 2039

Ion	Ratio	Lower	Upper
75	100		
77	57.4	22.4	41.6#

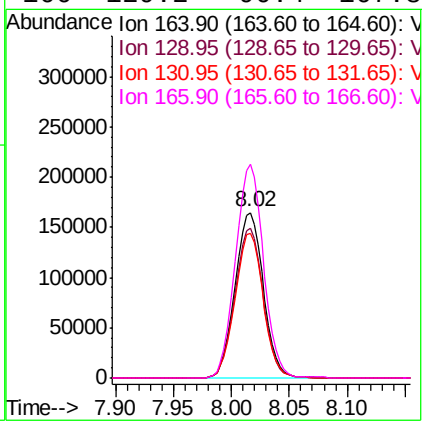


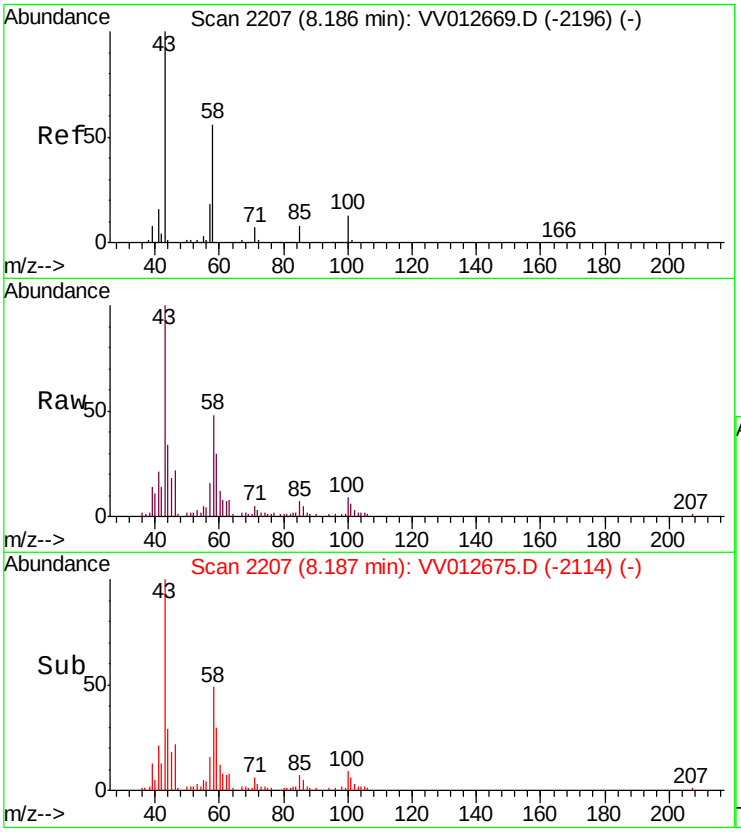


#47
Tetrachloroethene
Concen: 11.339 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion:164 Resp: 278294

Ion	Ratio	Lower	Upper
164	100		
129	90.6	61.9	114.9
131	87.9	59.7	110.9
166	129.2	90.4	167.8



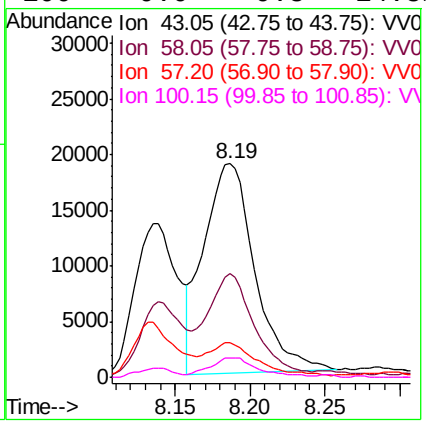


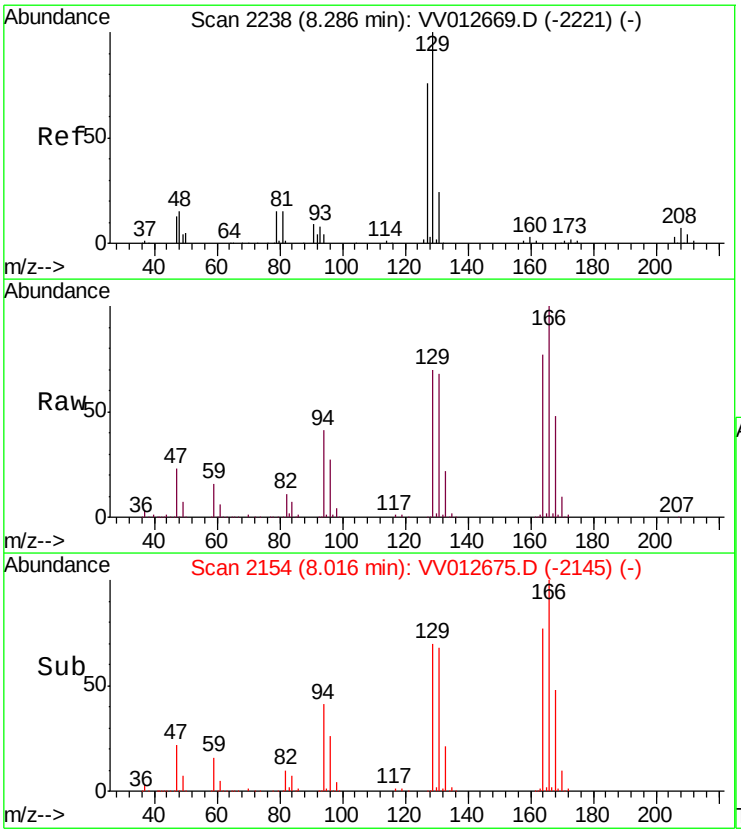
#48
2-Hexanone
Concen: 3.986 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Instrument : MSVOA_V
ClientSampleId : BFDC1DL

Tgt Ion: 43 Resp: 44554

Ion	Ratio	Lower	Upper
43	100		
58	46.6	44.8	67.2
57	16.7	14.9	22.3
100	9.0	9.8	14.8#





#49
Dibromochloromethane
Concen: 10.422 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012675.D
Acq: 11 Sep 2019 16:12

Tgt Ion:129 Resp: 243302

Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.5	99.5#