Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011604.D
Acq On : 19 Jun 2019 05:02
Operator : SY/MD
Sample : K3386-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MA0

Quant Time: Jun 19 07:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54660	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	37982	3.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.60%			
7) Chloroethane-d5	1.58	69	34514	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.12	63	81999	3.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%			
20) 2-Butanone-d5	3.97	46	198694	57.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.46%			
24) Chloroform-d	4.40	84	106267	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.08	65	68025	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.09	84	202934	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.12	67	70542	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.36	98	159695	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
43) trans-1,3-Dichloropropene-	7.67	79	17245	3.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.60%			
46) 2-Hexanone-d5	8.14	63	145121	54.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.72%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51745	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55648	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	8342	0.528	ug/L	99
8) Chloroethane	1.60	64	800	0.106	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	880	0.090	ug/L #	38
12) 1,1-Dichloroethene	2.13	96	28248	2.779	ug/L #	74
13) Acetone	2.23	43	12417	5.307	ug/L	98
15) Methyl Acetate	2.47	43	21667	3.493	ug/L #	57
19) 1,1-Dichloroethane	3.23	63	2323	0.098	ug/L #	81
22) cis-1,2-Dichloroethene	3.96	96	29916	2.298	ug/L	98
25) Chloroform	4.42	83	7285	0.305	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	13450	0.736	ug/L	98
34) Trichloroethene	5.96	95	41232	3.372	ug/L	98
35) Methylcyclohexane	6.12	83	16683	0.957	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	9119	0.715	ug/L #	87
42) Toluene	7.43	91	9003	0.181	ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	1002	0.082	ug/L #	57
48) 2-Hexanone	8.14	43	20984	3.281	ug/L #	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011604.D
Acq On : 19 Jun 2019 05:02
Operator : SY/MD
Sample : K3386-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Quant Time: Jun 19 07:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 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\VV061919\

Quantitation Report (Not Reviewed)

Data File : VV011604.D
Acq On : 19 Jun 2019 05:02
Operator : SY/MD
Sample : K3386-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
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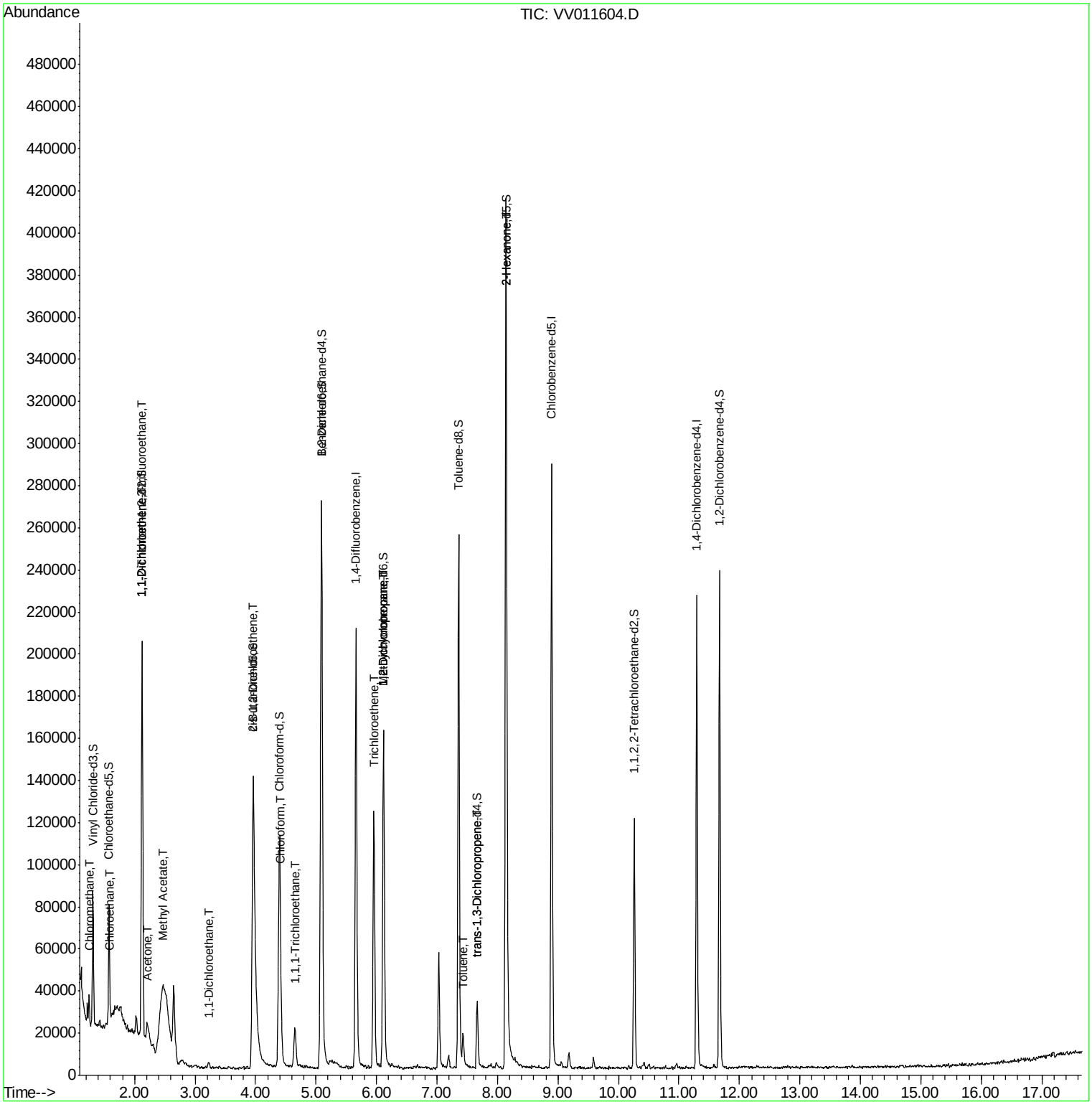
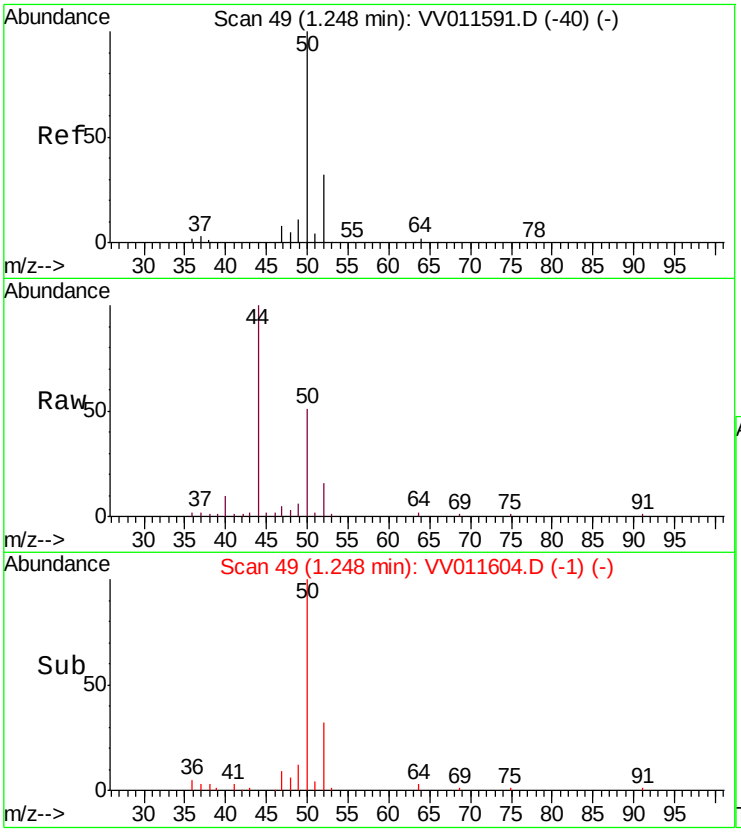
Quant Time: Jun 19 07:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration



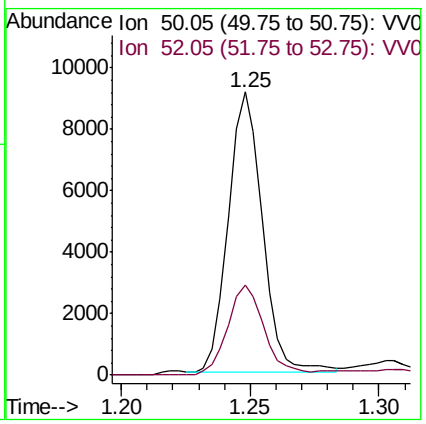


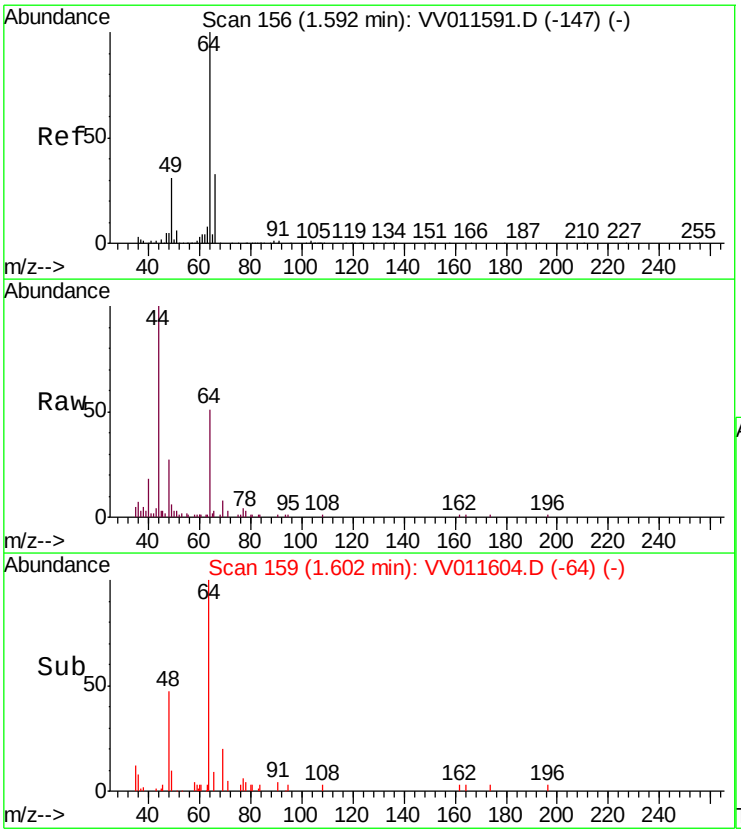
#3
Chloromethane
Concen: 0.528 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Tgt Ion: 50 Resp: 8342

Ion	Ratio	Lower	Upper
50	100		
52	31.7	22.7	42.1

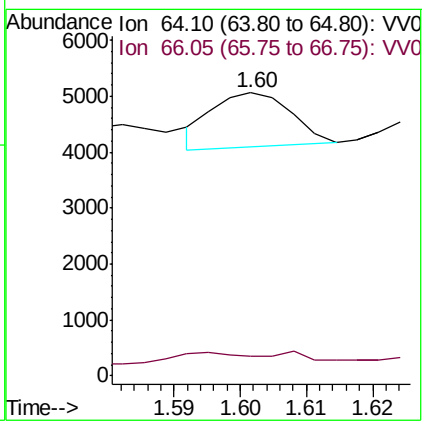


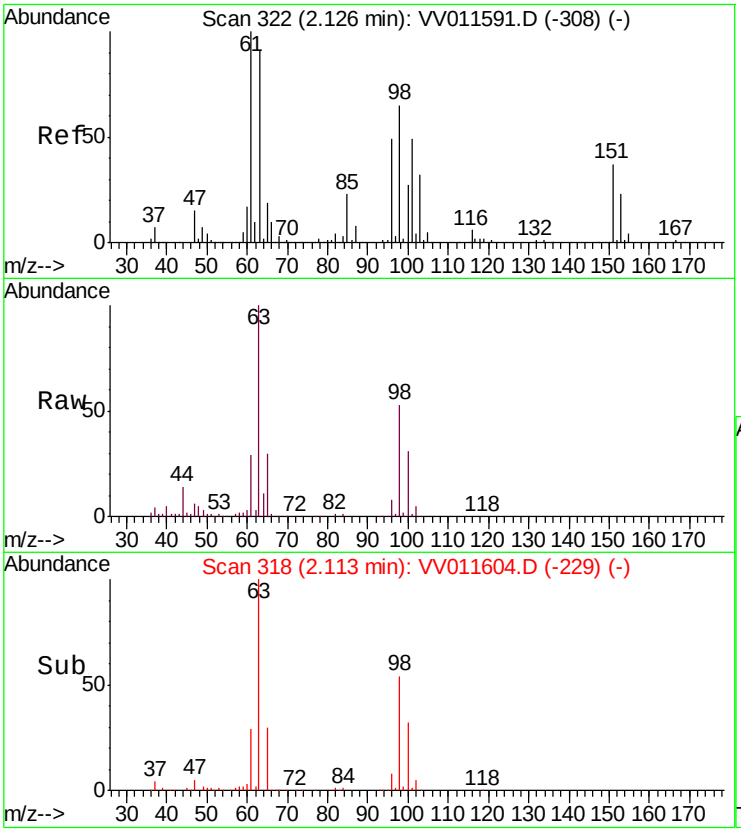


#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.01 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 64 Resp: 800

Ion	Ratio	Lower	Upper
64	100		
66	6.8	21.6	40.2#



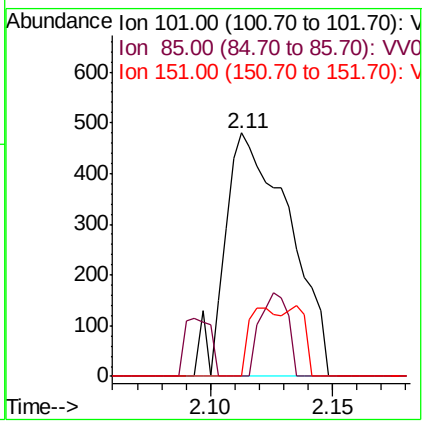


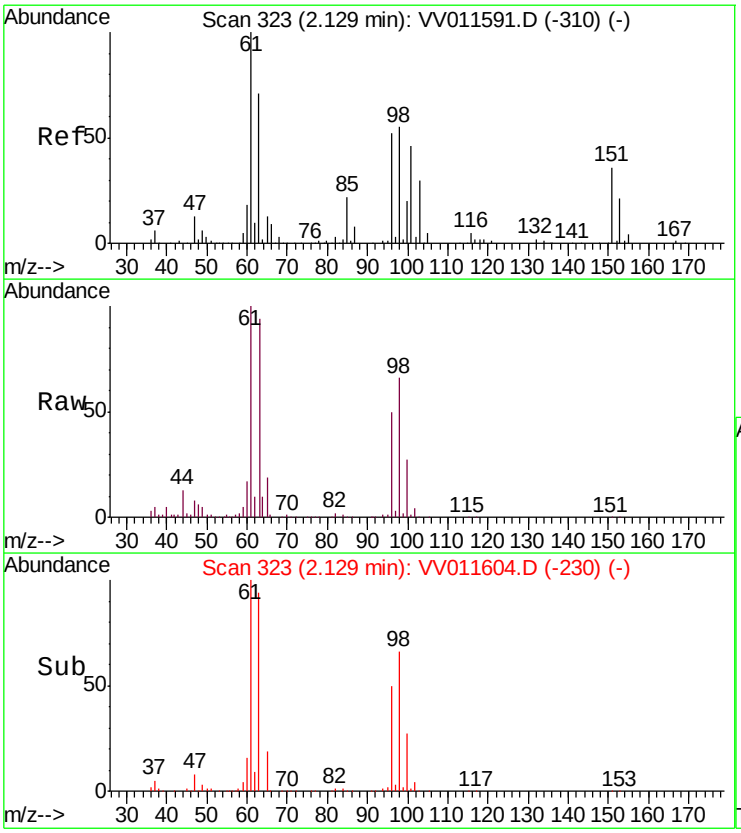
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.01 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Tgt Ion:101 Resp: 880

Ion	Ratio	Lower	Upper
101	100		
85	14.9	37.3	55.9#
151	13.6	59.4	89.2#

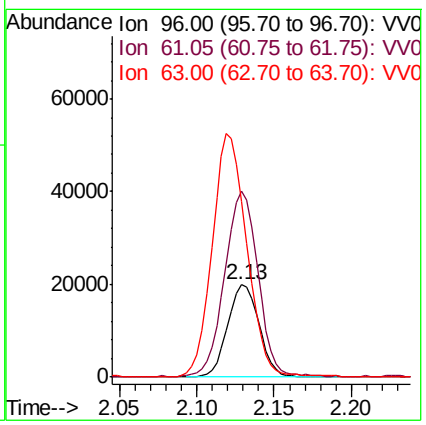


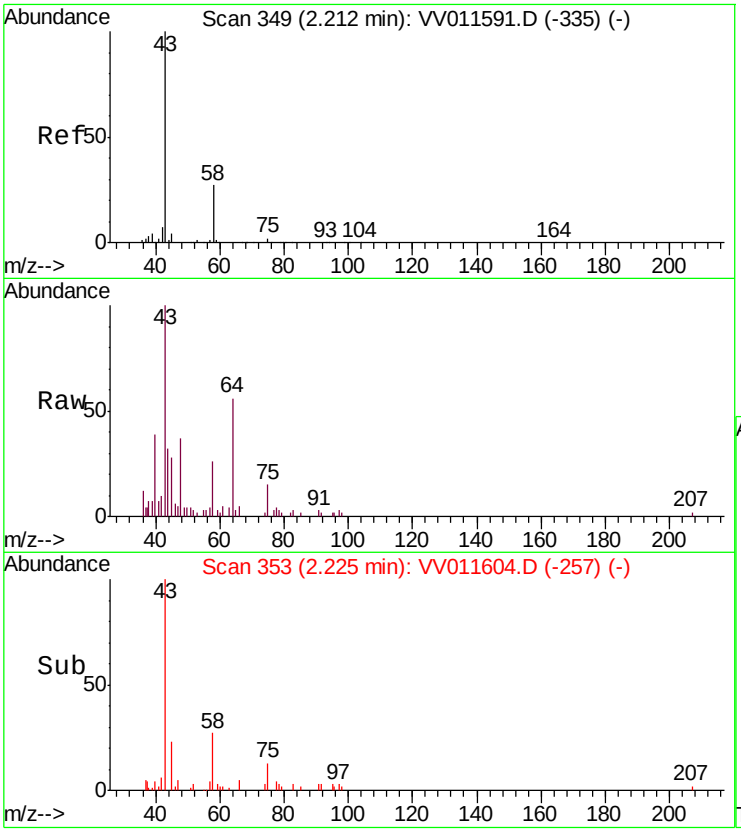


#12
1,1-Dichloroethene
Concen: 2.779 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 96 Resp: 28248

Ion	Ratio	Lower	Upper
96	100		
61	201.7	135.9	252.5
63	190.4	86.2	160.2#



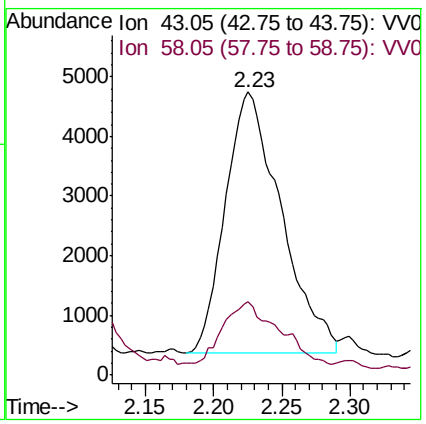


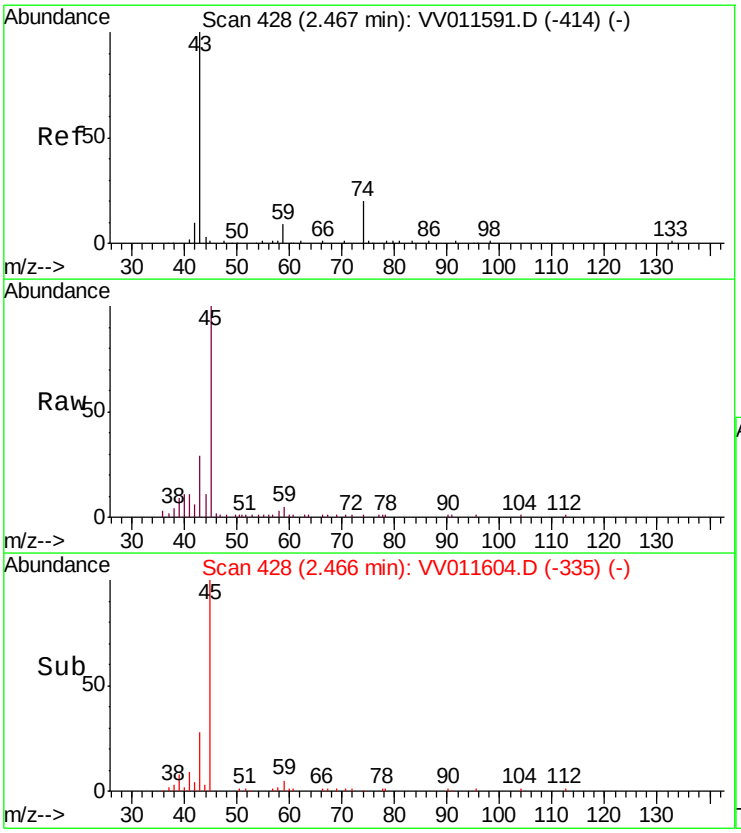
#13
Acetone
Concen: 5.307 ug/L
RT: 2.23 min Scan# 353
Delta R.T. 0.01 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Tgt Ion: 43 Resp: 12417

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	57.8

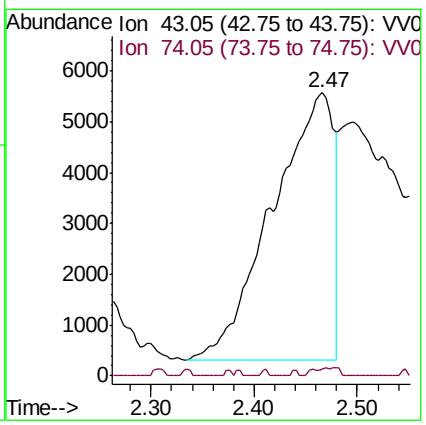


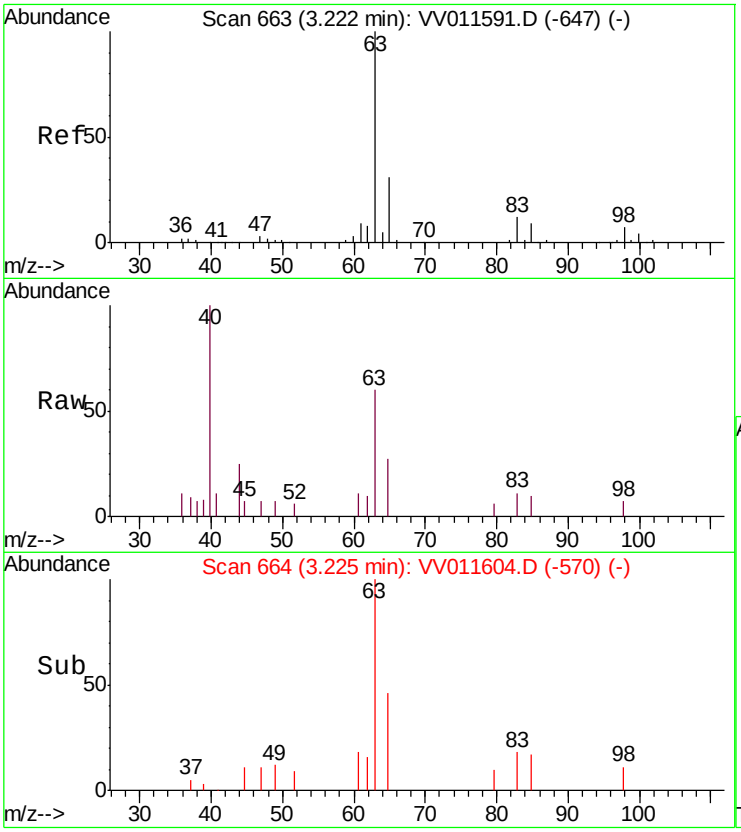


#15
Methyl Acetate
Concen: 3.493 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 43 Resp: 21667

Ion	Ratio	Lower	Upper
43	100		
74	0.4	16.5	24.7#



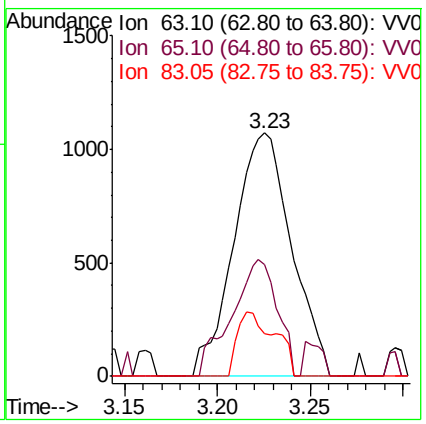


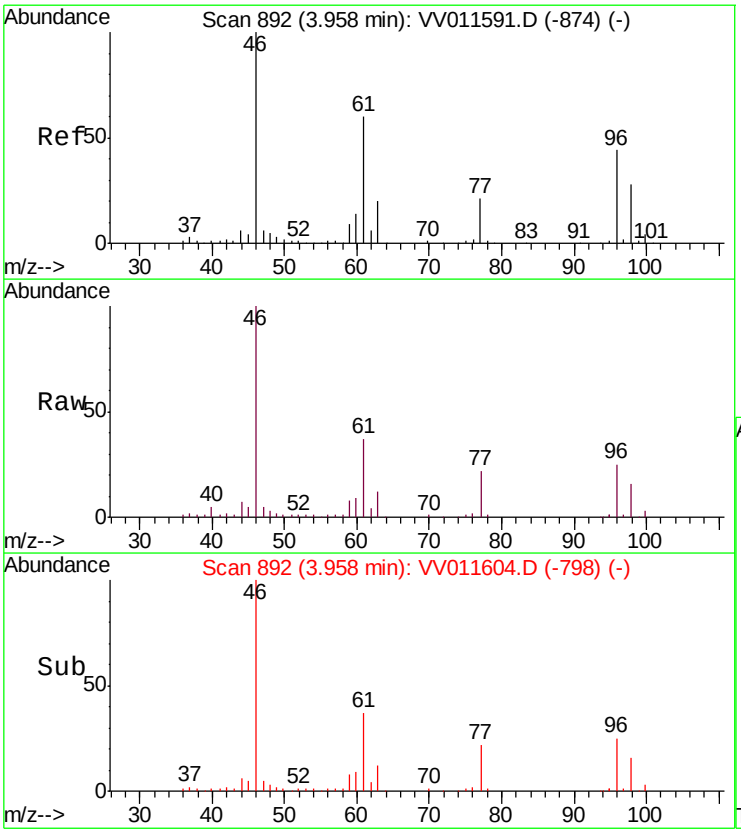
#19
1,1-Dichloroethane
Concen: 0.098 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument : MSVOA_V
ClientSampleId : C0MA0

Tgt Ion: 63 Resp: 2323

Ion	Ratio	Lower	Upper
63	100		
65	45.7	22.5	41.9#
83	17.5	10.1	18.9

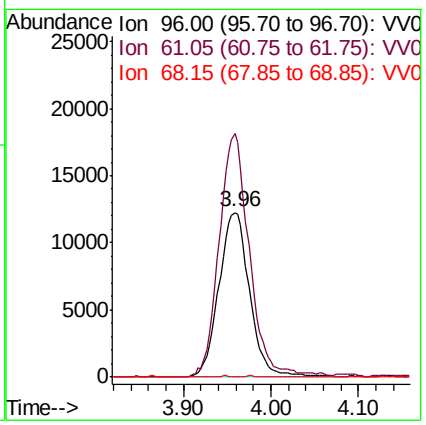


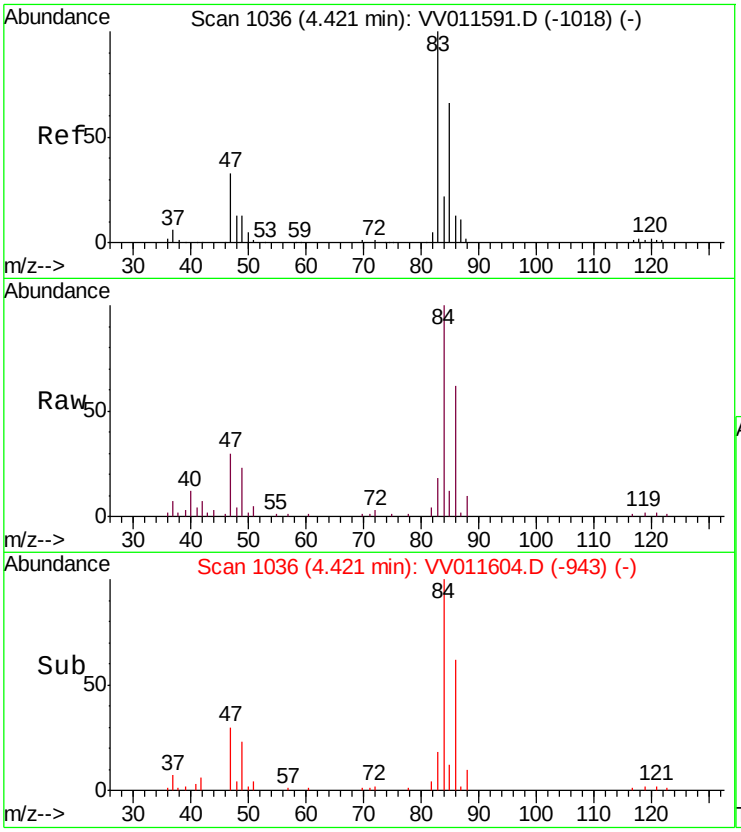


#22
cis-1,2-Dichloroethene
Concen: 2.298 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 96 Resp: 29916

Ion	Ratio	Lower	Upper
96	100		
61	148.3	102.2	189.8
68	0.0	0.0	0.0



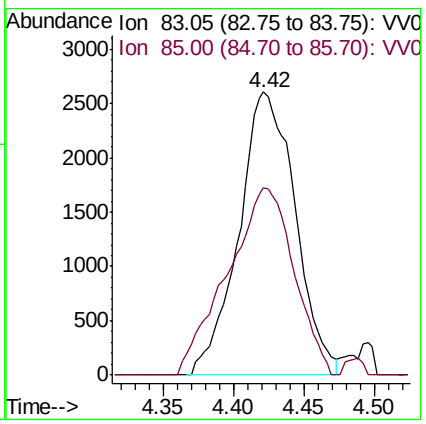


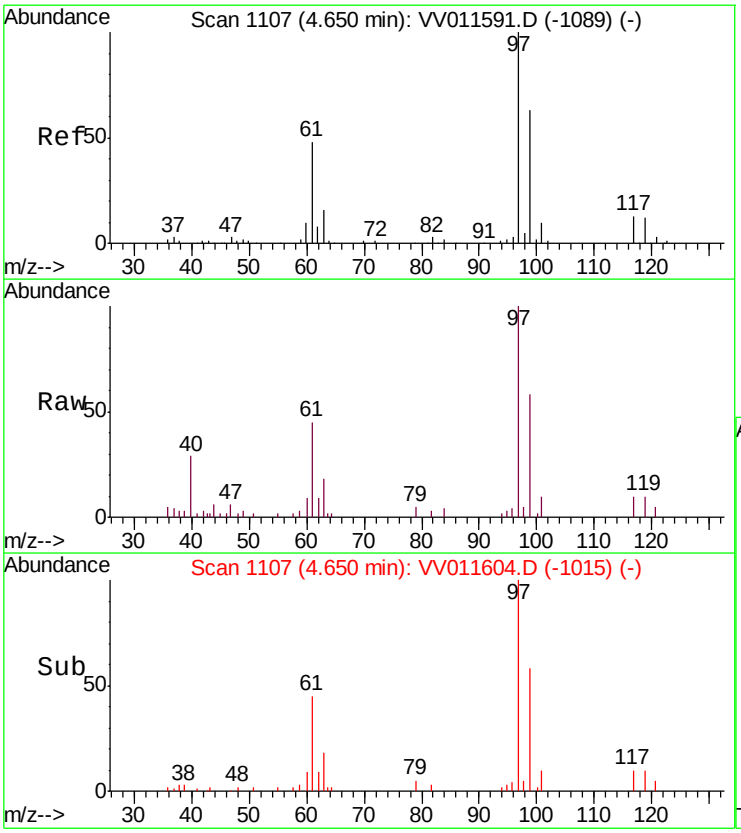
#25
Chloroform
Concen: 0.305 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Tgt Ion: 83 Resp: 7285

Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.6	82.8

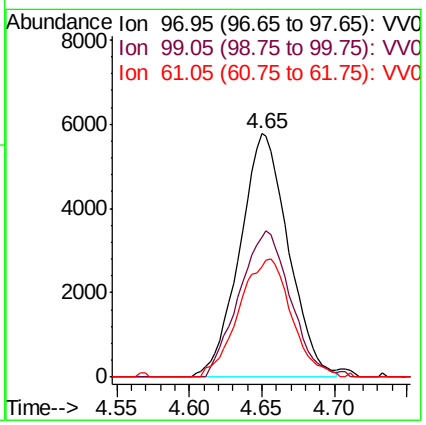


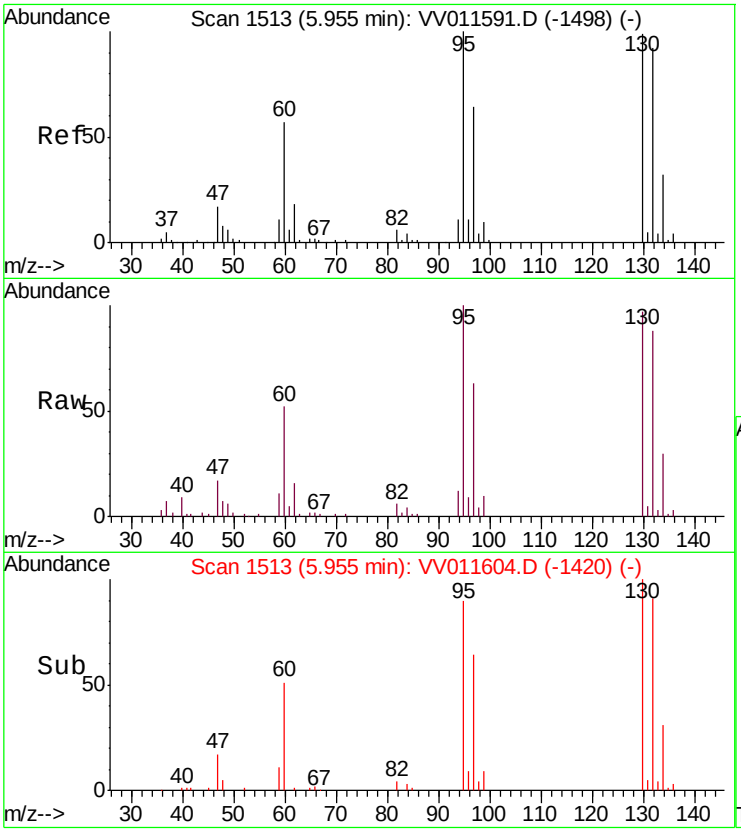


#29
1,1,1-Trichloroethane
Concen: 0.736 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 97 Resp: 13450

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	52.3	40.4	60.6



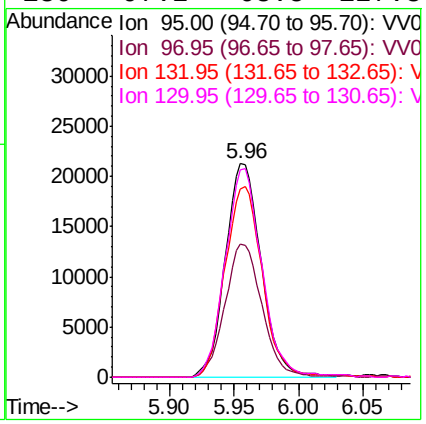


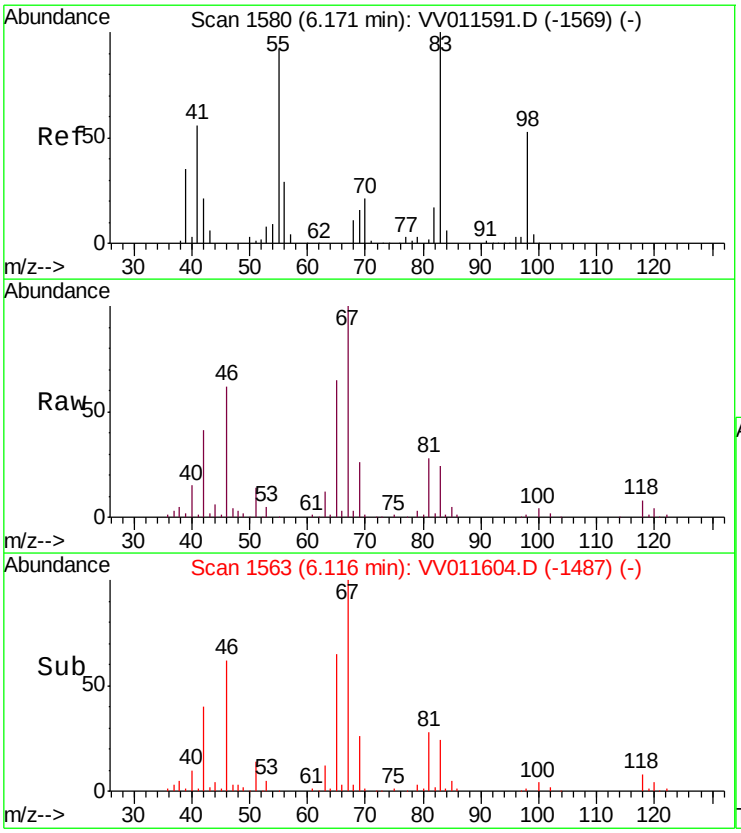
#34
Trichloroethene
Concen: 3.372 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument : MSVOA_V
ClientSampleId : C0MA0

Tgt Ion: 95 Resp: 41232

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.4	82.4
132	88.2	63.5	117.9
130	97.2	68.5	127.3

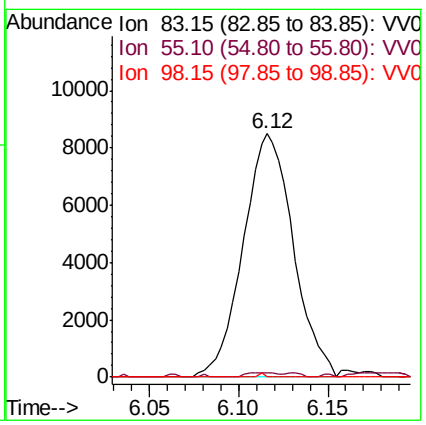


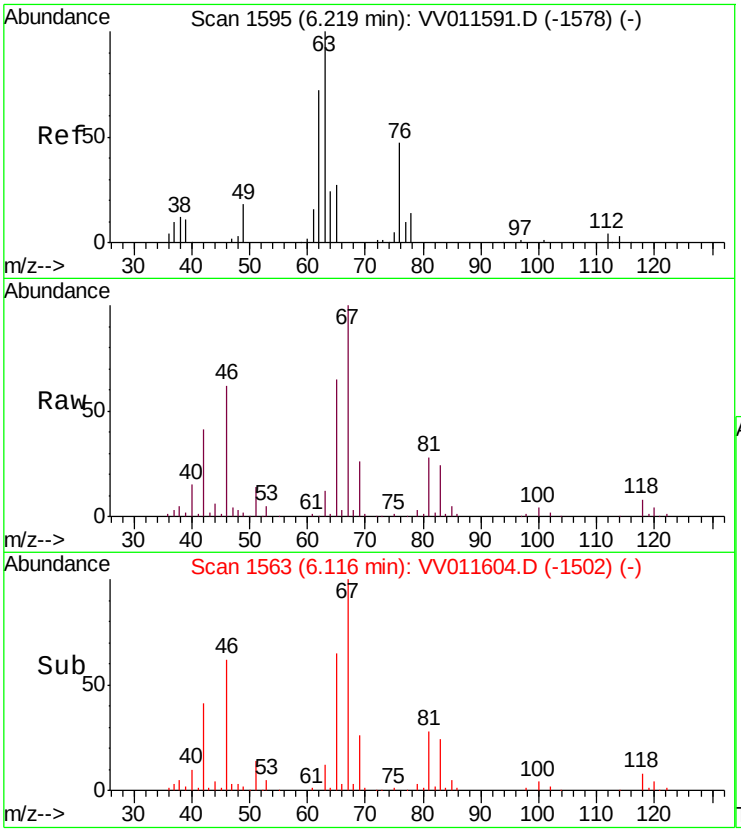


#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 83 Resp: 16683

Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.9	101.9#
98	0.0	39.6	59.4#



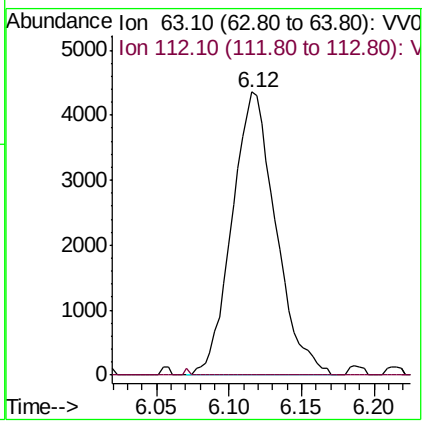


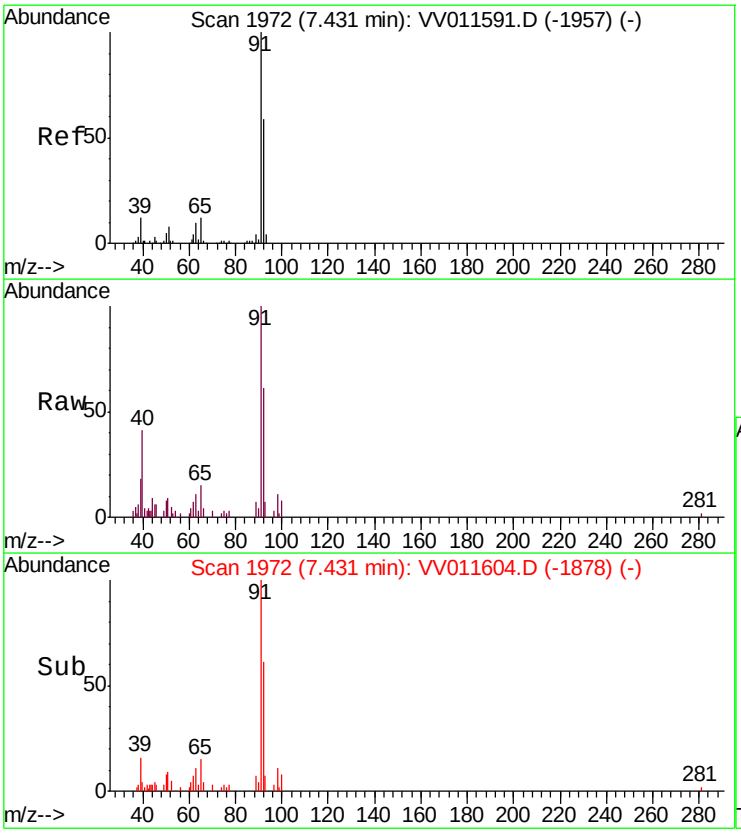
#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Tgt Ion: 63 Resp: 9119

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#

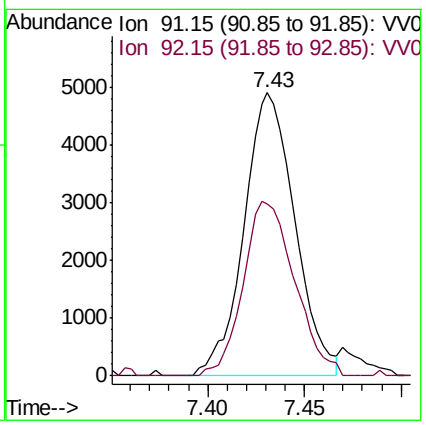


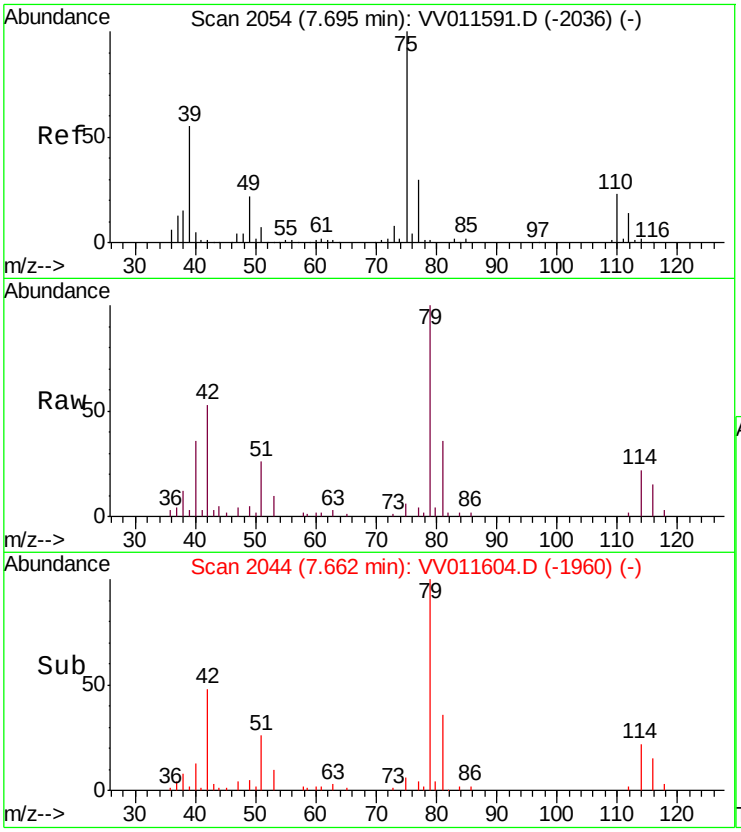


#42
Toluene
Concen: 0.181 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 91 Resp: 9003

Ion	Ratio	Lower	Upper
91	100		
92	60.7	40.5	75.1



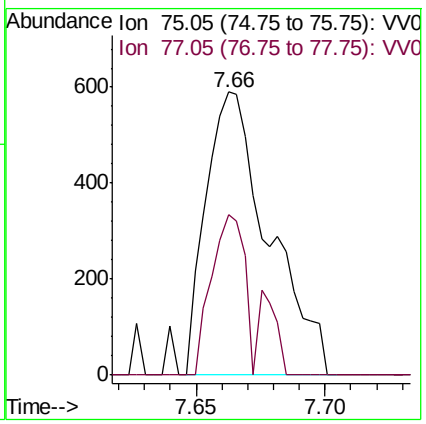


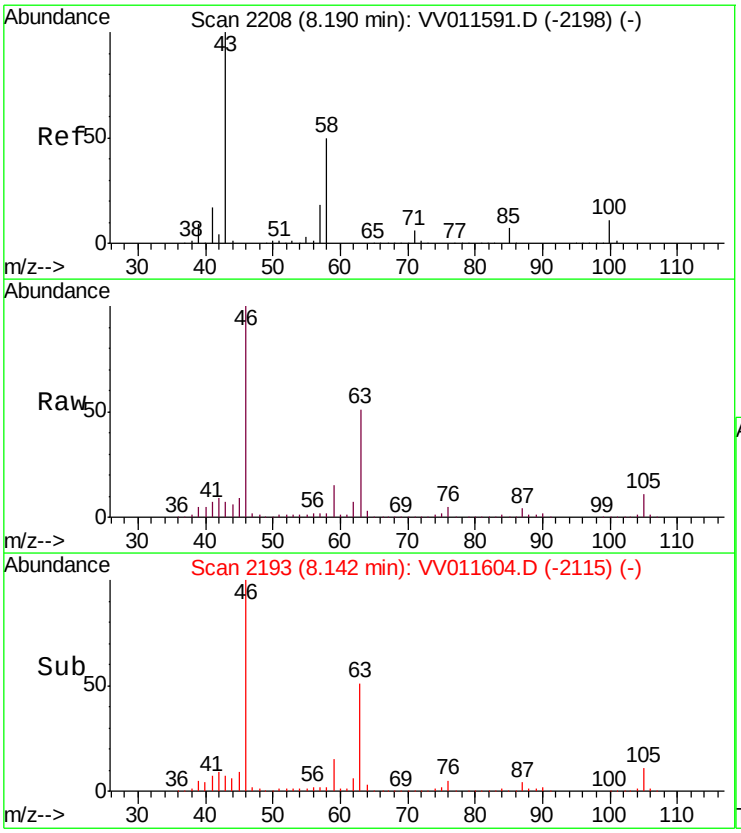
#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Instrument :
MSVOA_V
ClientSampleId :
C0MA0

Tgt Ion: 75 Resp: 1002

Ion	Ratio	Lower	Upper
75	100		
77	56.8	22.8	42.4#





#48
2-Hexanone
Concen: 3.281 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV011604.D
Acq: 19 Jun 2019 05:02

Tgt Ion: 43 Resp: 20984

Ion	Ratio	Lower	Upper
43	100		
58	32.6	40.6	60.8#
57	26.3	14.2	21.4#
100	1.0	8.6	12.8#