Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\

Quantitation Report (Not Reviewed)

Data File : VV013438.D
Acq On : 30 Oct 2019 17:51
Operator : SY/MD
Sample : K5597-20
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL

Quant Time: Oct 31 02:47:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324174	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	349278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	180135	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	122850	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.58	69	110746	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.13	63	162726	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.00%			
20) 2-Butanone-d5	3.96	46	380721	54.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.56%			
24) Chloroform-d	4.40	84	276752	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.08	65	148172	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.10	84	565012	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.12	67	182018	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	470061	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	7.66	79	62359	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.13	63	225165	49.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.96%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	124372	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	187328	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
8) Chloroethane	1.32	64	3987	0.196	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2078	0.080	ug/L #	30
14) Carbon disulfide	2.31	76	12786	0.171	ug/L #	85
21) 2-Butanone	4.14	43	64805	8.680	ug/L #	53
25) Chloroform	4.42	83	13050	0.203	ug/L	93
27) 1,2-Dichloroethane	5.10	62	3465	0.098	ug/L	97
30) Cyclohexane	4.73	56	6093	0.112	ug/L #	87
33) Benzene	5.15	78	68638	0.526	ug/L	100
35) Methylcyclohexane	6.17	83	3952	0.074	ug/L #	57
37) 1,2-Dichloropropane	6.12	63	20377	0.618	ug/L #	88
42) Toluene	7.43	91	13266	0.097	ug/L	82
44) trans-1,3-Dichloropropene	7.66	75	2974	0.084	ug/L #	58
47) Tetrachloroethene	8.02	164	19327	0.637	ug/L	97
48) 2-Hexanone	8.19	43	24022	1.829	ug/L #	88
49) Dibromochloromethane	8.02	129	17315	0.637	ug/L #	11
69) Naphthalene	13.55	128	9603	0.186	ug/L #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\

Quantitation Report (Not Reviewed)

Data File : VV013438.D
Acq On : 30 Oct 2019 17:51
Operator : SY/MD
Sample : K5597-20
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAQD6DL

Quant Time: Oct 31 02:47:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 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\VV103019\

Quantitation Report (Not Reviewed)

Data File : VV013438.D
Acq On : 30 Oct 2019 17:51
Operator : SY/MD
Sample : K5597-20
Misc : 25.0ML/MSVOA_V/WATER
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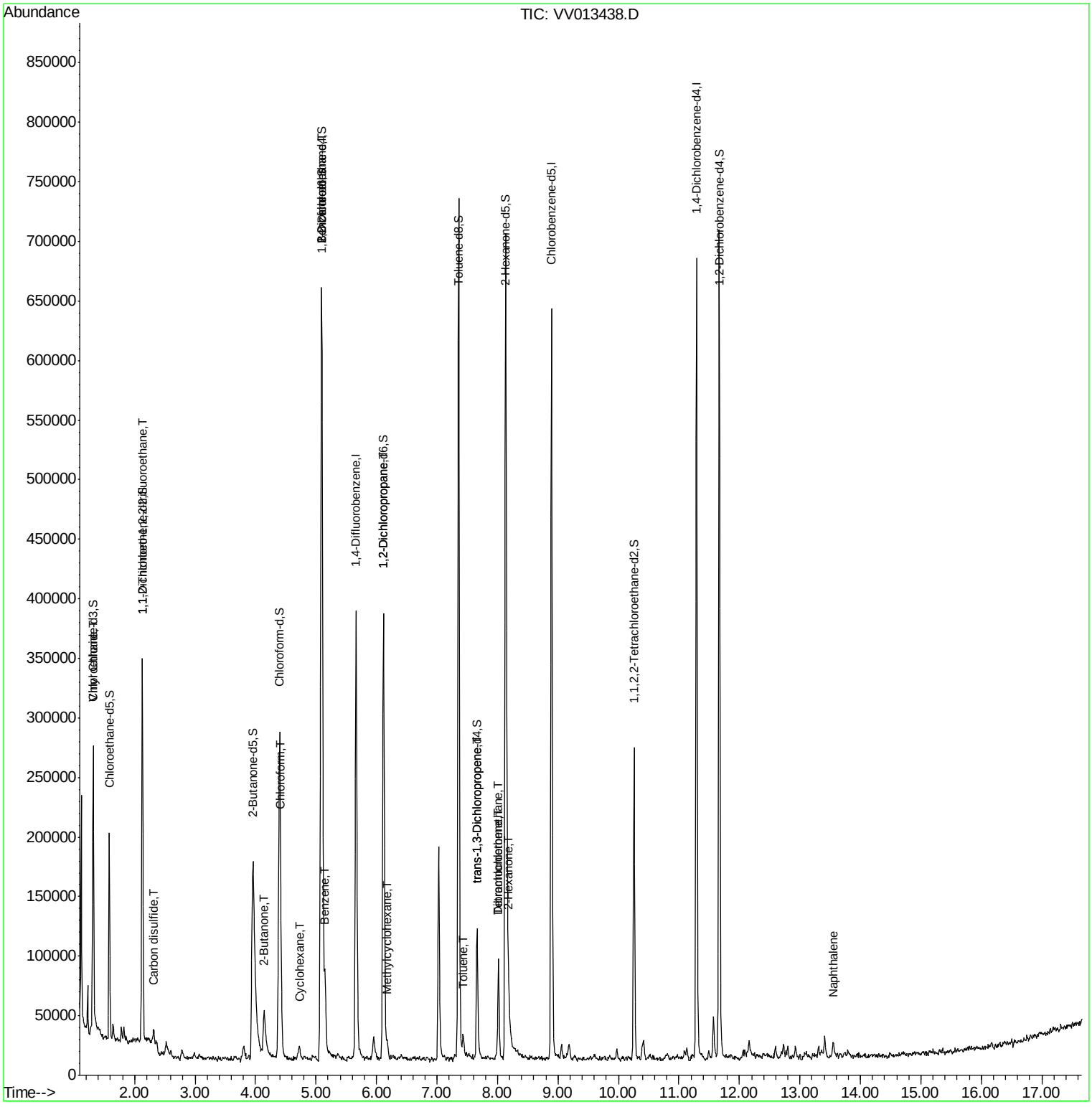
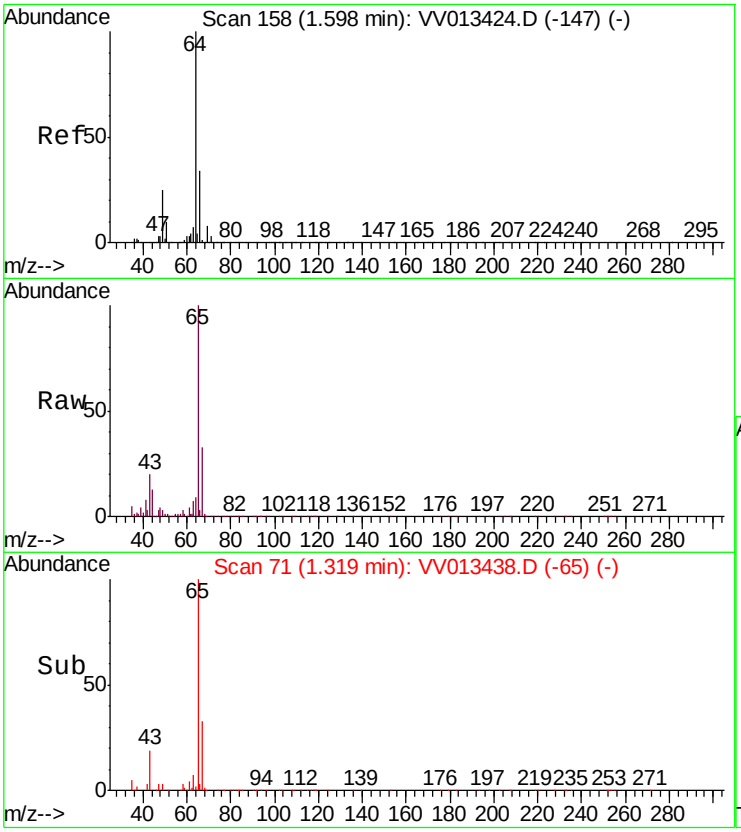
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration



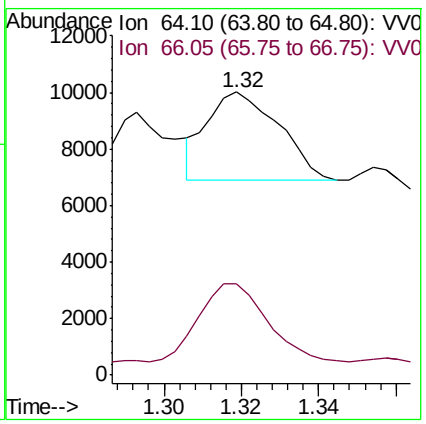


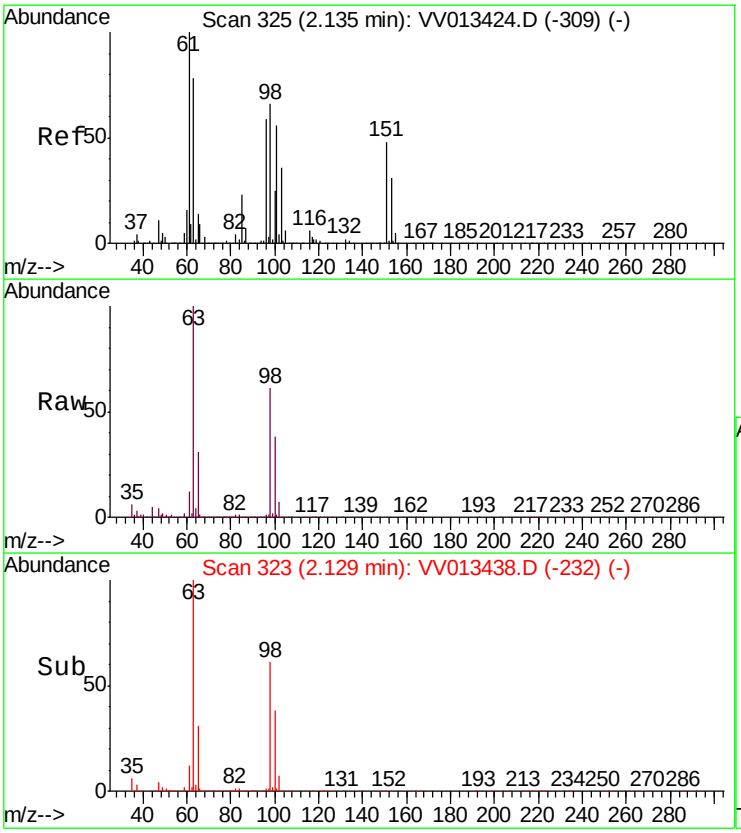
#8
Chloroethane
Concen: 0.196 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL

Tgt Ion: 64 Resp: 3987

Ion	Ratio	Lower	Upper
64	100		
66	32.3	22.0	41.0

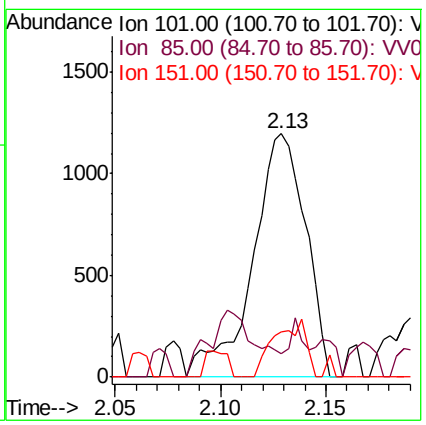


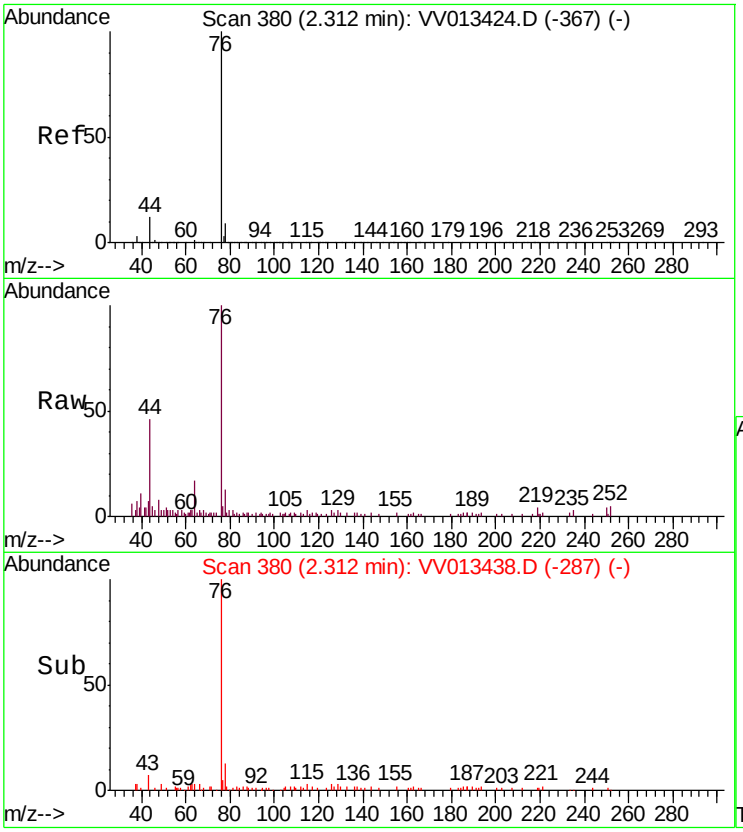


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion:101 Resp: 2078

Ion	Ratio	Lower	Upper
101	100		
85	6.9	33.0	49.4#
151	14.2	68.2	102.2#



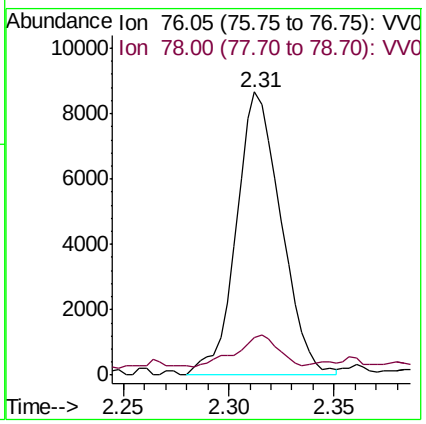


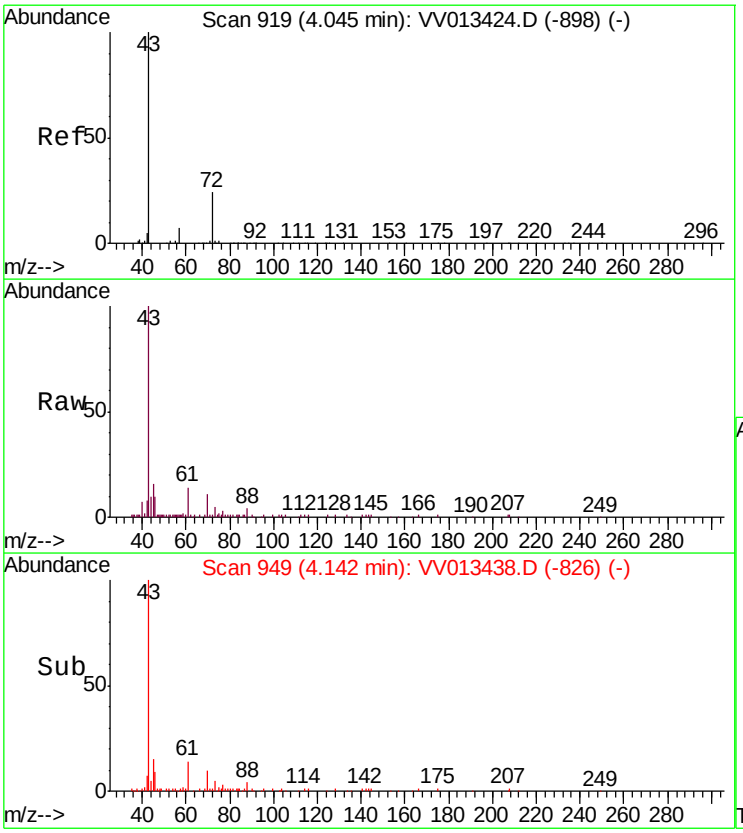
#14
Carbon disulfide
Concen: 0.171 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL

Tgt Ion: 76 Resp: 12786

Ion	Ratio	Lower	Upper
76	100		
78	15.0	7.5	11.3#

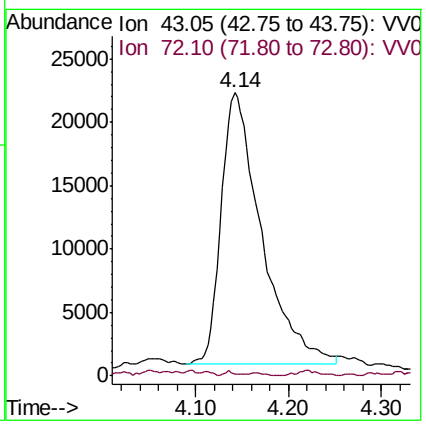


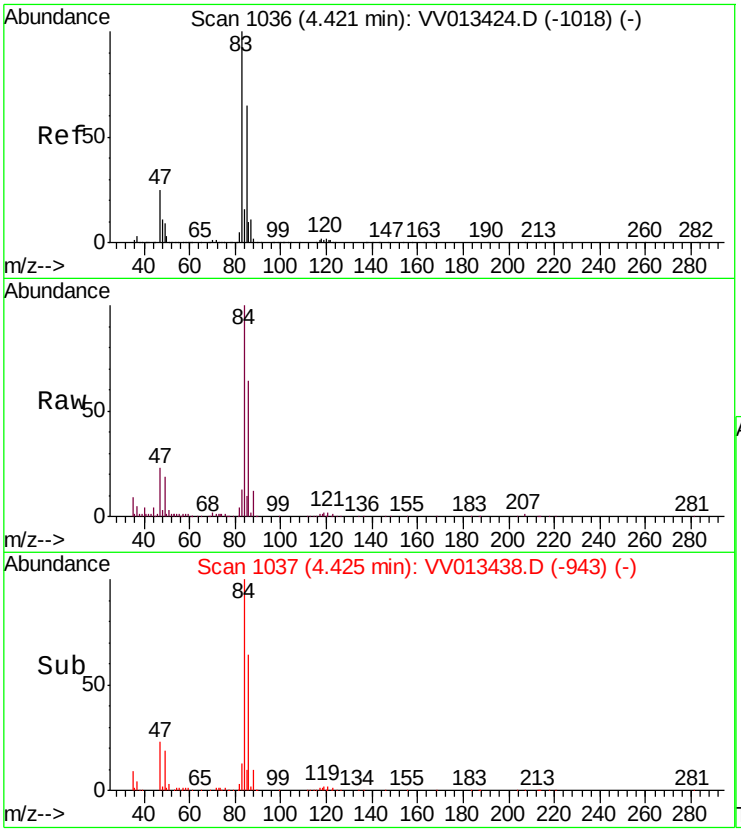


#21
2-Butanone
Concen: 8.680 ug/L
RT: 4.14 min Scan# 949
Delta R.T. 0.10 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion: 43 Resp: 64805

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.3	33.9#



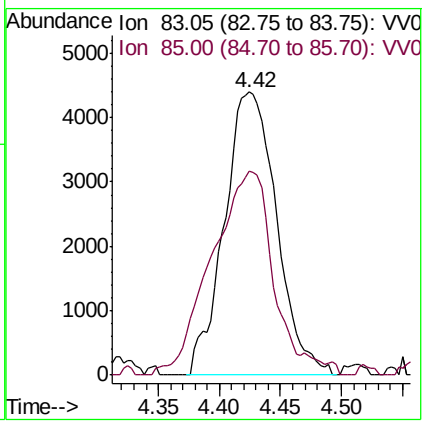


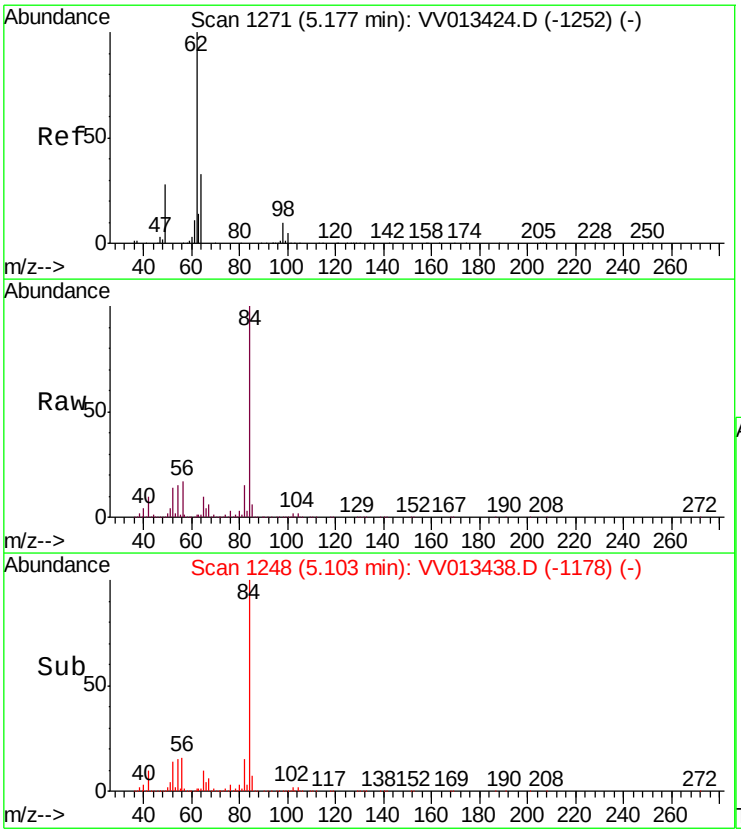
#25
Chloroform
Concen: 0.203 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument : MSVOA_V
ClientSampleId : GAQD6DL

Tgt Ion: 83 Resp: 13050

Ion	Ratio	Lower	Upper
83	100		
85	71.9	46.5	86.5

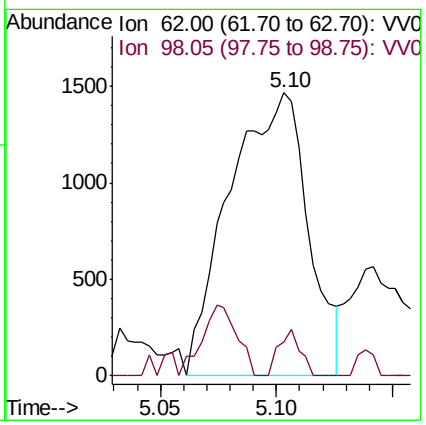


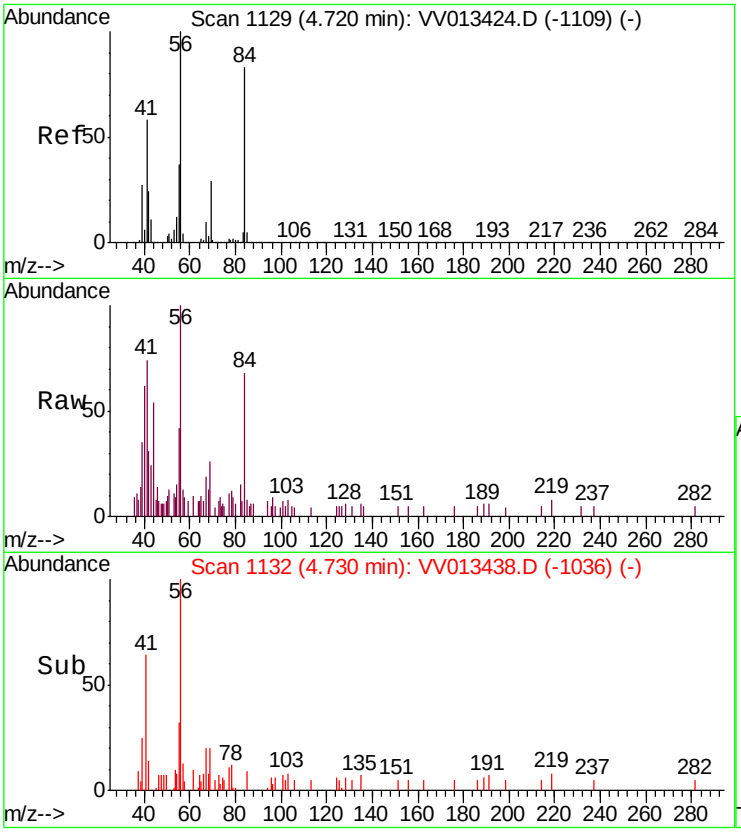


#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion: 62 Resp: 3465

Ion	Ratio	Lower	Upper
62	100		
98	11.9	8.6	12.8



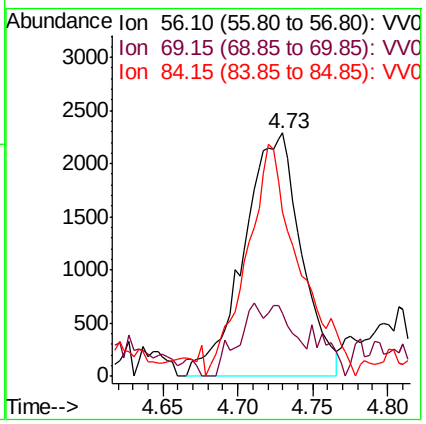


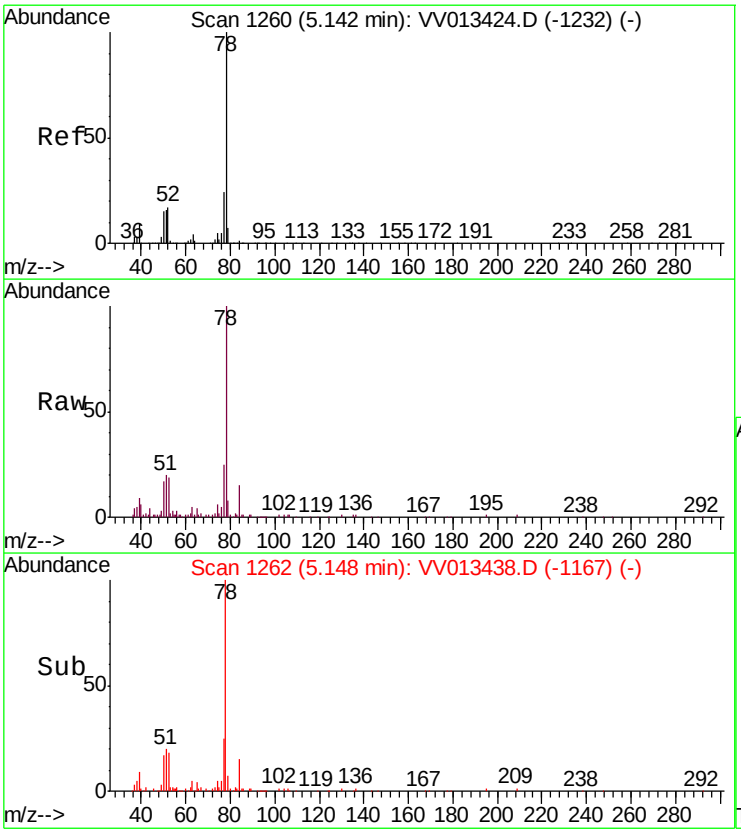
#30
Cyclohexane
Concen: 0.112 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.01 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL

Tgt Ion: 56 Resp: 6093

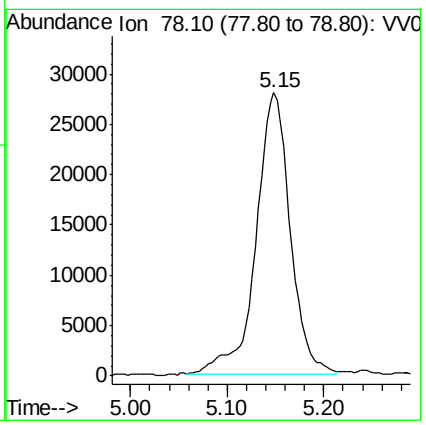
Ion	Ratio	Lower	Upper
56	100		
69	11.5	22.7	34.1#
84	87.1	65.5	98.3

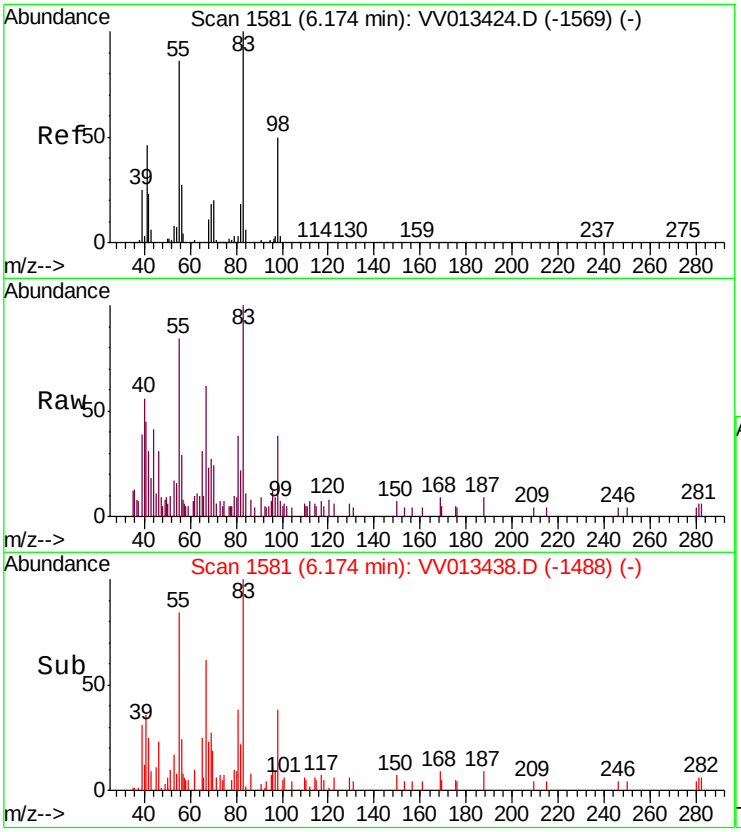




#33
Benzene
Concen: 0.526 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion: 78 Resp: 68638



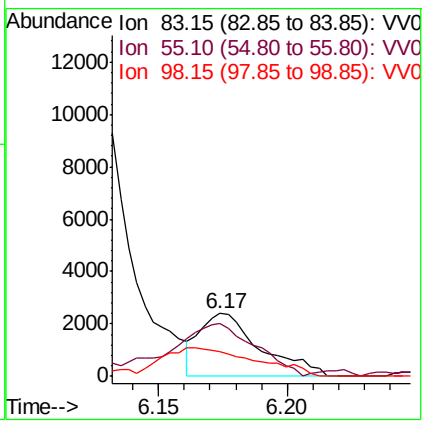


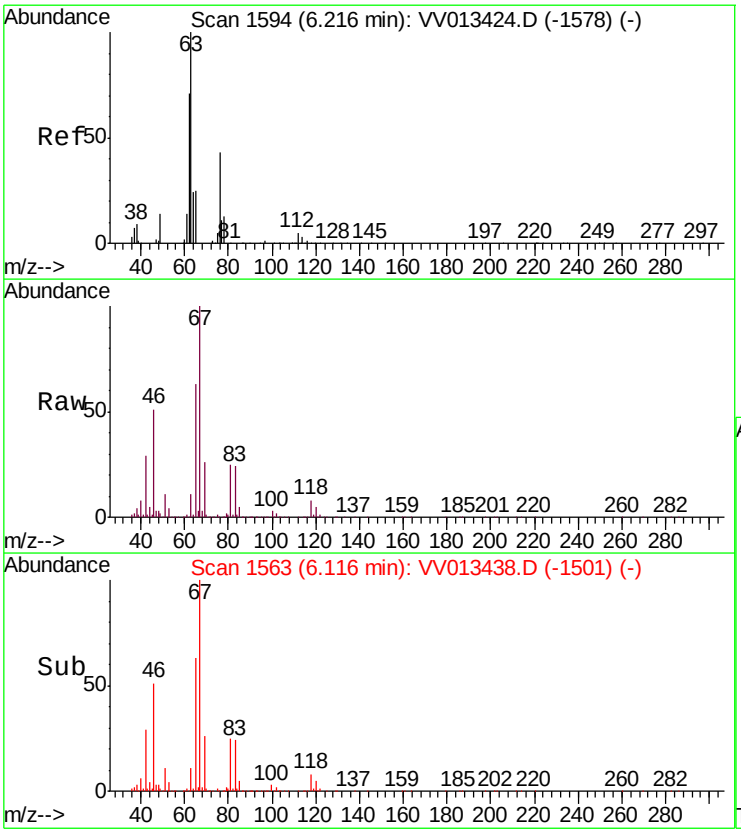
#35
Methylcyclohexane
Concen: 0.074 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument : MSVOA_V
ClientSampleId : GAQD6DL

Tgt Ion: 83 Resp: 3952

Ion	Ratio	Lower	Upper
83	100		
55	126.5	66.0	99.0#
98	69.3	38.2	57.4#

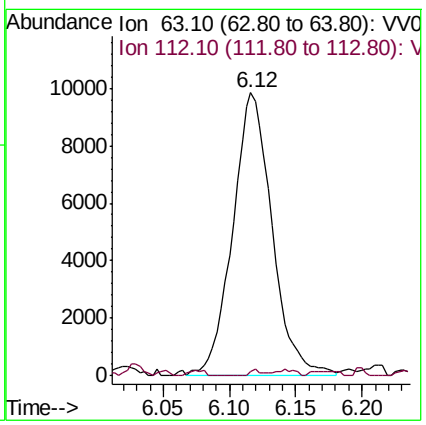


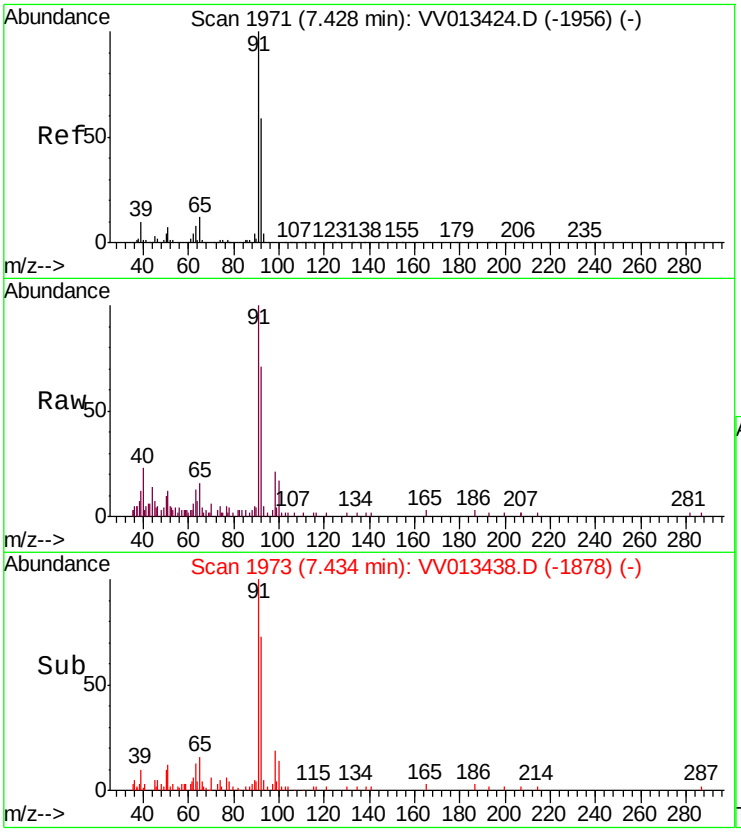


#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion: 63 Resp: 20377

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.6	5.4#



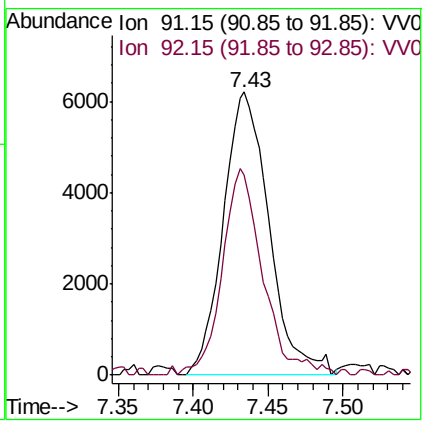


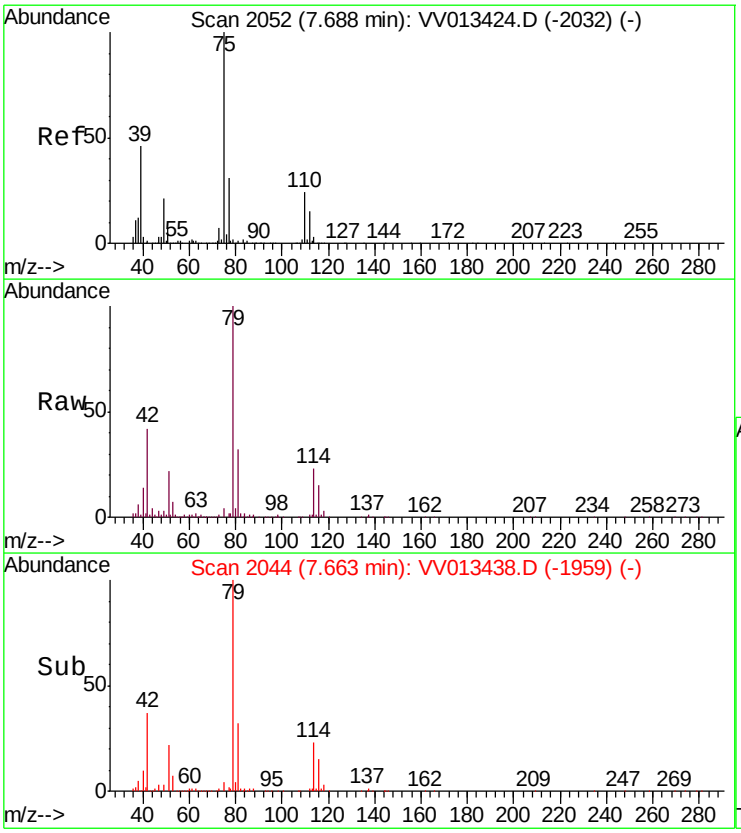
#42
Toluene
Concen: 0.097 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL

Tgt Ion: 91 Resp: 13266

Ion	Ratio	Lower	Upper
91	100		
92	70.5	40.3	74.8

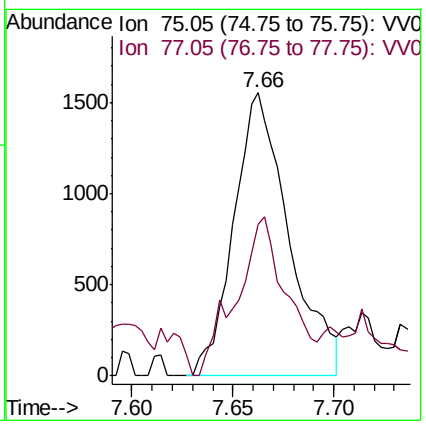


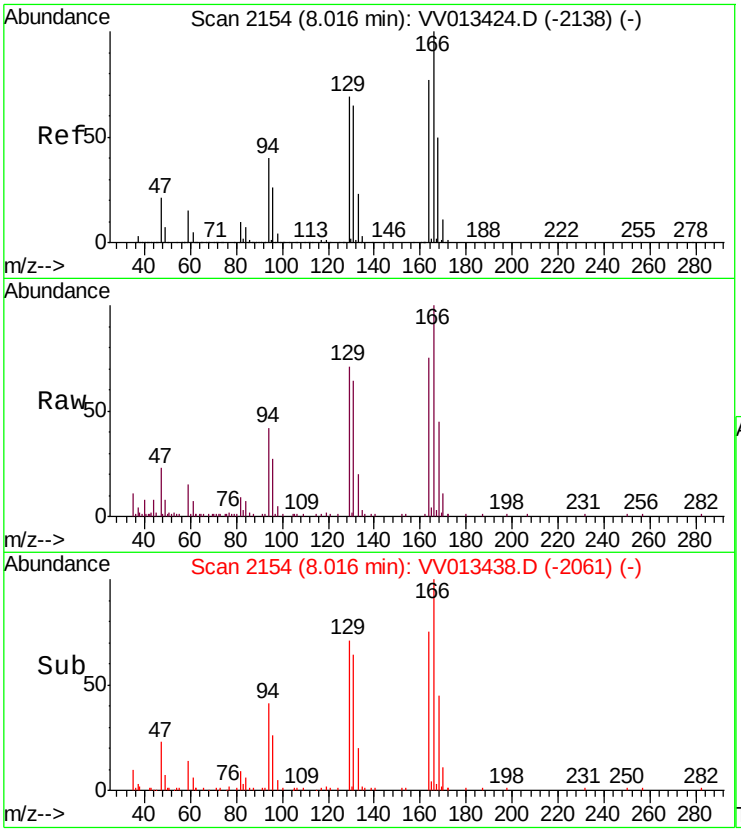


#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion: 75 Resp: 2974

Ion	Ratio	Lower	Upper
75	100		
77	53.5	21.5	39.9#



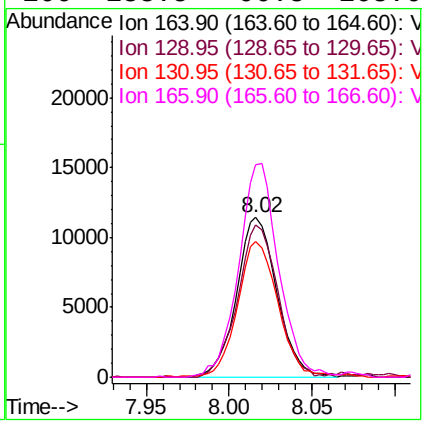


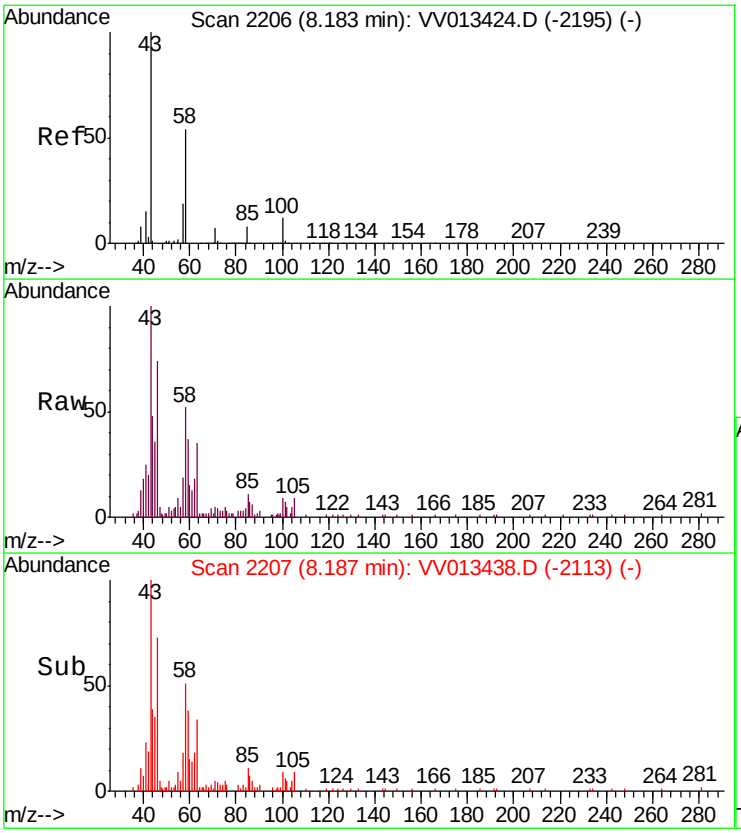
#47
Tetrachloroethene
Concen: 0.637 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument :
MSVOA_V
ClientSampleId :
GAQD6DL

Tgt Ion:164 Resp: 19327

Ion	Ratio	Lower	Upper
164	100		
129	95.3	63.4	117.8
131	85.1	60.3	112.1
166	133.5	90.8	168.6

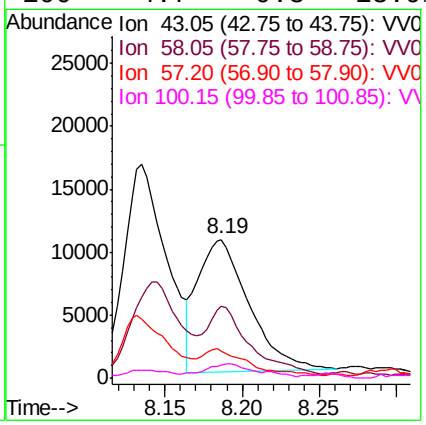


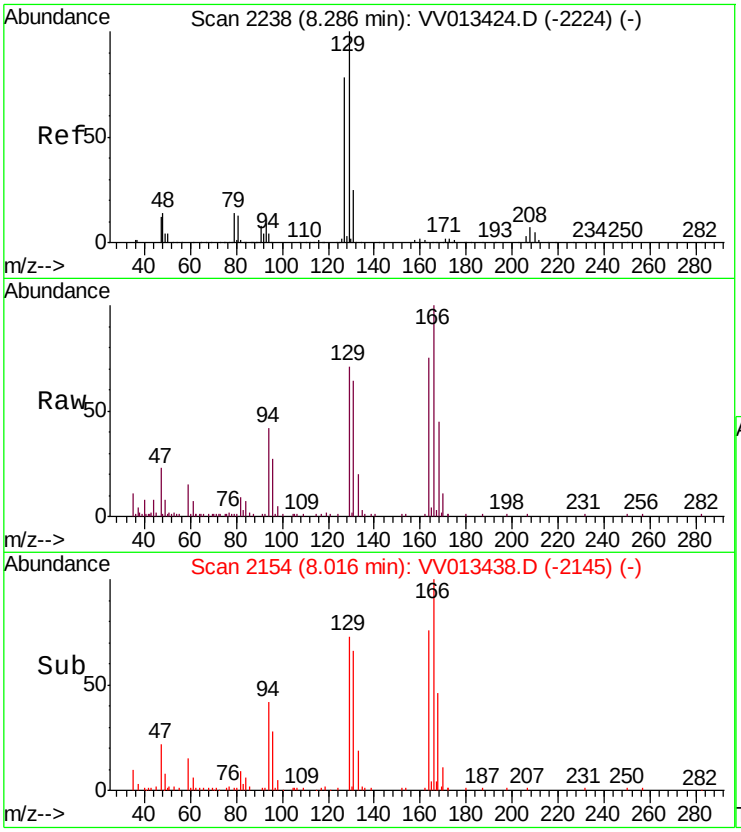


#48
2-Hexanone
Concen: 1.829 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion: 43 Resp: 24022

Ion	Ratio	Lower	Upper
43	100		
58	44.1	43.5	65.3
57	18.3	14.3	21.5
100	4.7	9.3	13.9#



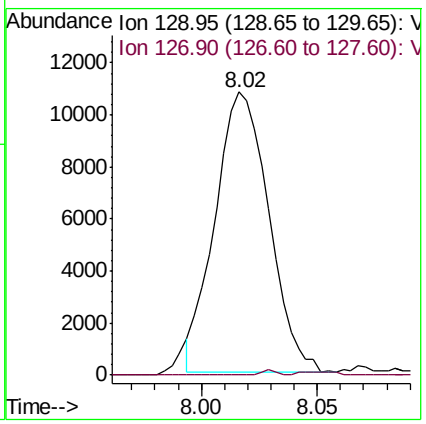


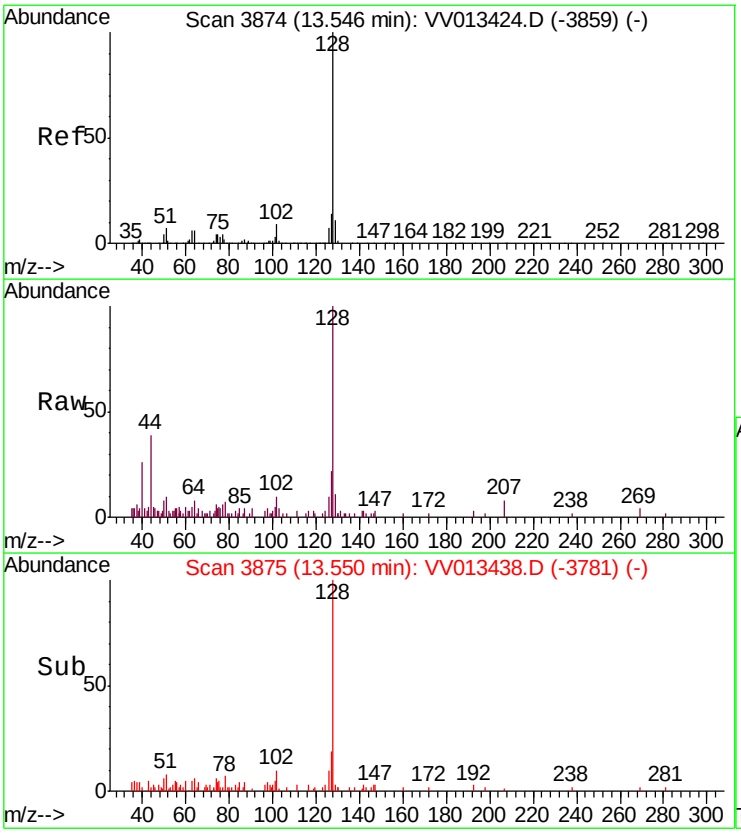
#49
Dibromochloromethane
Concen: 0.637 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Instrument : MSVOA_V
ClientSampleId : GAQD6DL

Tgt Ion:129 Resp: 17315

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#





#69
Naphthalene
Concen: 0.186 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013438.D
Acq: 30 Oct 2019 17:51

Tgt Ion:128 Resp: 9603

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	19.0	10.6	16.0#