Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032119\

Quantitation Report (Not Reviewed)

Data File : VV009816.D
Acq On : 22 Mar 2019 00:16
Operator : SY/MD
Sample : K2049-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : P025-TW001-01

Quant Time: Mar 22 08:19:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40248	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52870	5.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.20%			
7) Chloroethane-d5	1.59	69	51271	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.60%			
11) 1,1-Dichloroethene-d2	2.13	63	102942	4.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.20%			
20) 2-Butanone-d5	3.95	46	63043	51.58	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.16%			
24) Chloroform-d	4.40	84	45721	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
26) 1,2-Dichloroethane-d4	5.09	65	29659	5.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.80%			
32) Benzene-d6	5.10	84	119700	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.12	67	35608	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.36	98	107618	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	7.67	79	11258	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.14	63	56396	51.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.38%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26779	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	36784	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	3869	0.294	ug/L #	82
25) Chloroform	4.43	83	9915	0.936	ug/L	100
27) 1,2-Dichloroethane	5.10	62	851	0.132	ug/L #	75
34) Trichloroethene	5.96	95	917	0.144	ug/L #	82
35) Methylcyclohexane	6.12	83	8331	0.764	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	4729	0.752	ug/L #	91
39) cis-1,3-Dichloropropene	7.03	75	1201	0.141	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	557	0.082	ug/L #	50
45) 1,1,2-Trichloroethane	7.99	97	465	0.109	ug/L #	14
48) 2-Hexanone	8.14	43	6958	2.690	ug/L #	80
66) 1,2-Dibromo-3-chloropropan	12.31	75	105	0.163	ug/L #	1

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

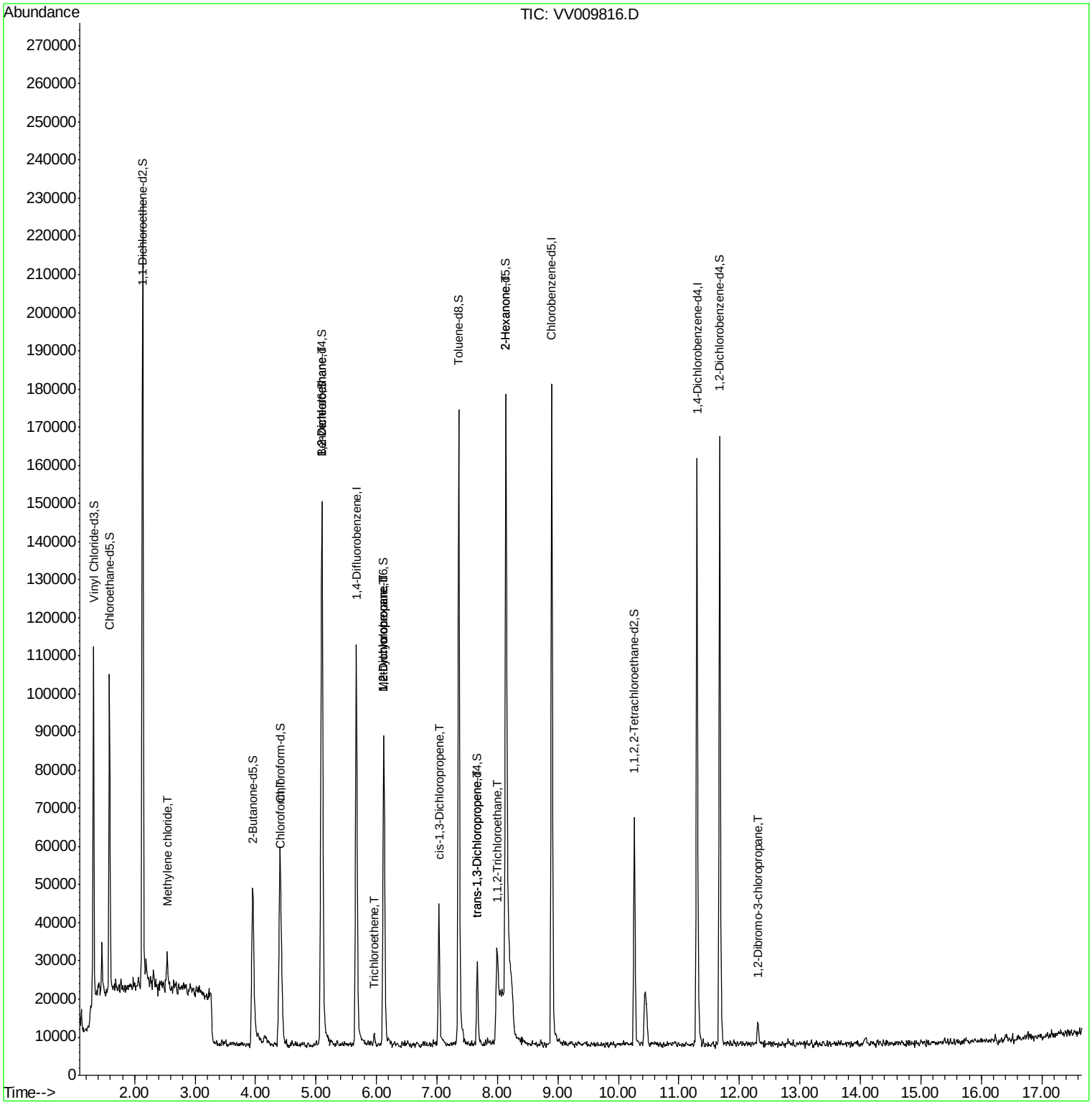
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032119\

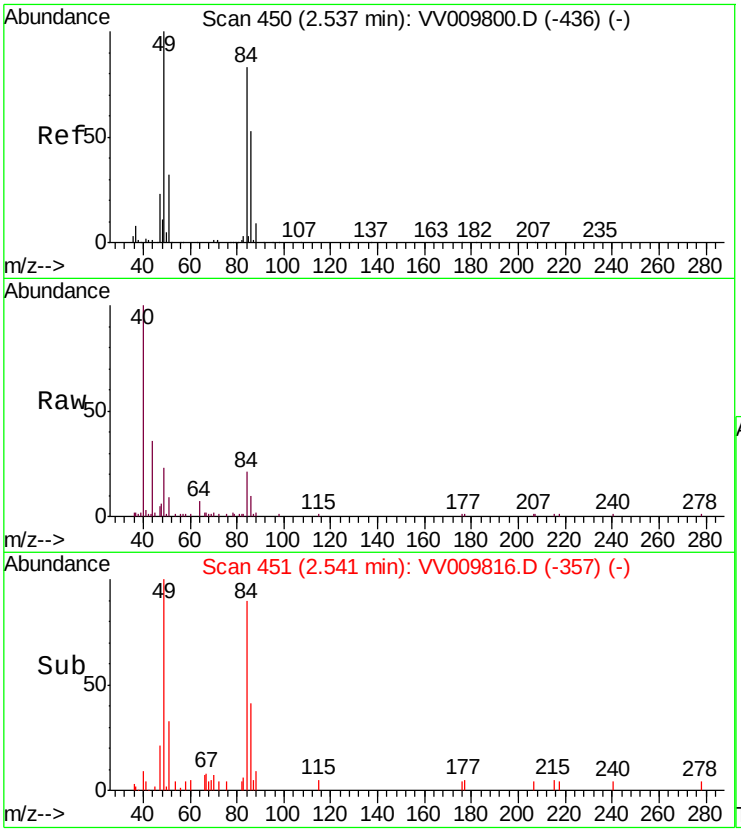
Quantitation Report (Not Reviewed)

Data File : VV009816.D
Acq On : 22 Mar 2019 00:16
Operator : SY/MD
Sample : K2049-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : P025-TW001-01

Quant Time: Mar 22 08:19:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 22 08:14:34 2019
Response via : Initial Calibration



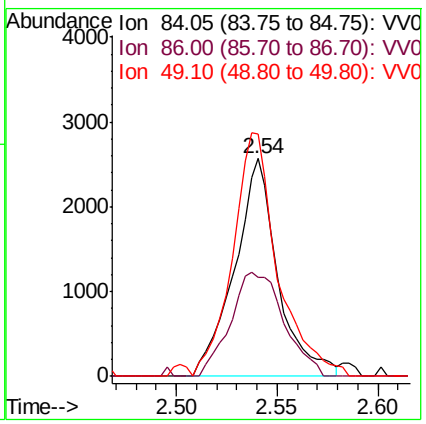


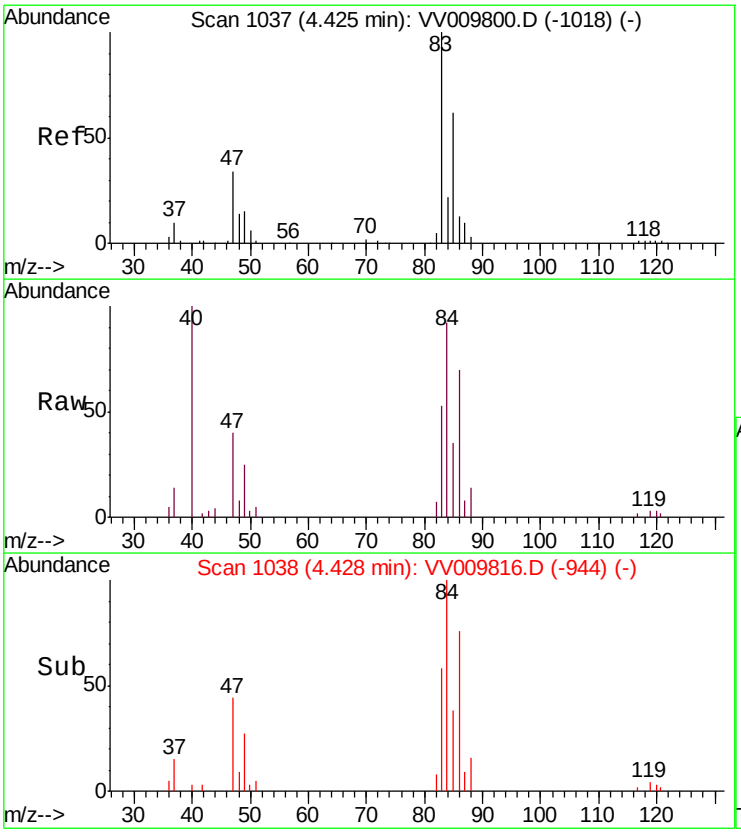
#16
Methylene chloride
Concen: 0.294 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Instrument :
MSVOA_V
ClientSampleId :
P025-TW001-01

Tgt Ion: 84 Resp: 3869

Ion	Ratio	Lower	Upper
84	100		
86	45.6	46.1	85.5#
49	111.0	89.7	166.5

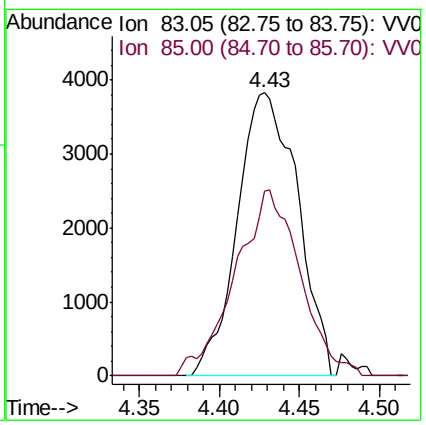


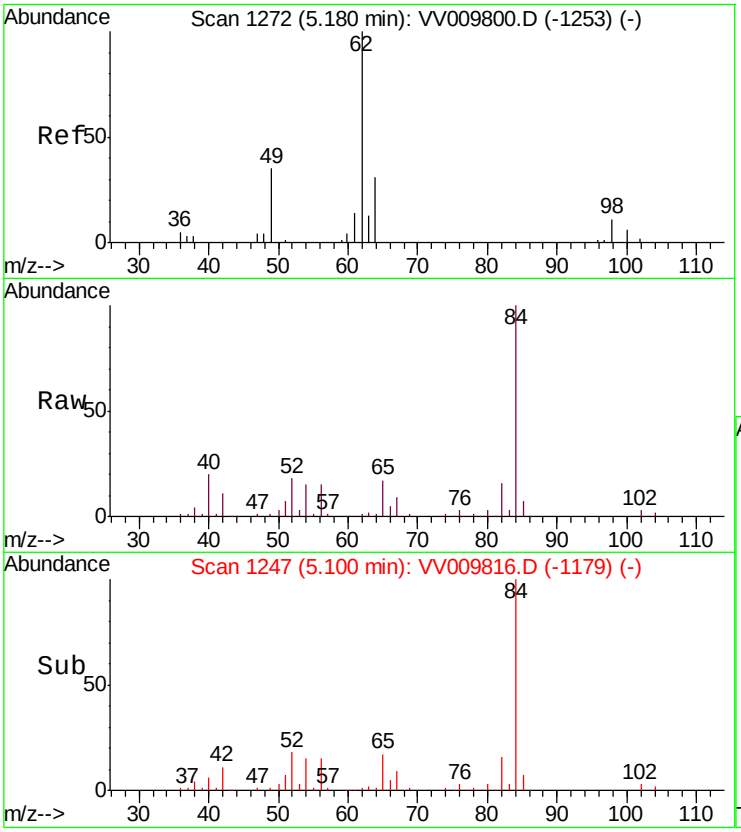


#25
Chloroform
Concen: 0.936 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Tgt Ion: 83 Resp: 9915

Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.7	84.9



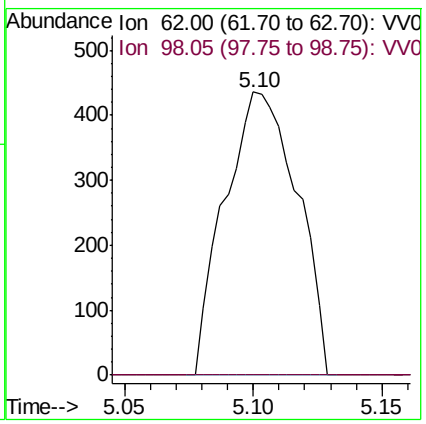


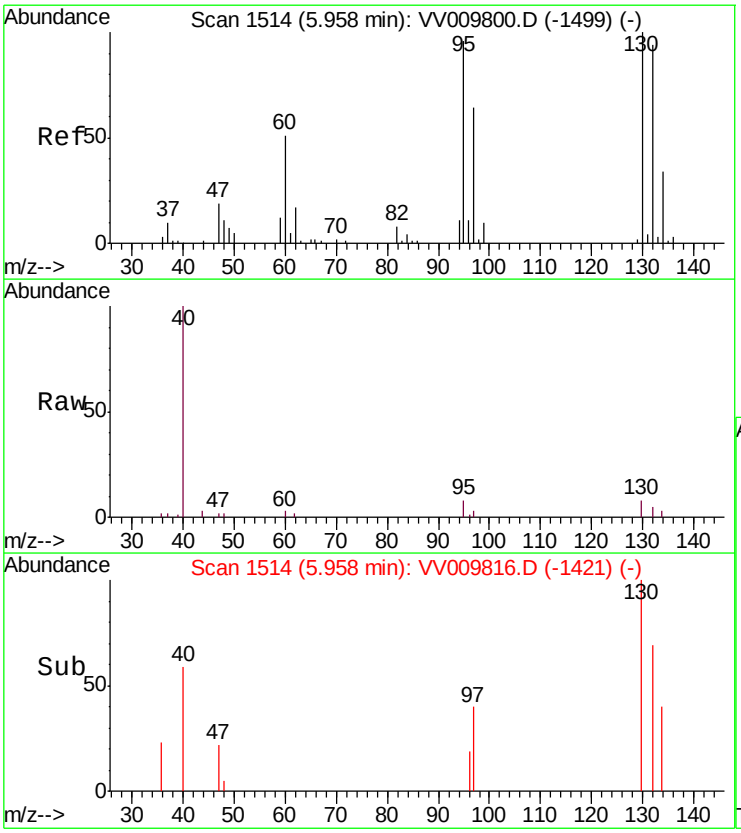
#27
1,2-Dichloroethane
Concen: 0.132 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Instrument : MSVOA_V
ClientSampleId : P025-TW001-01

Tgt Ion: 62 Resp: 851

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

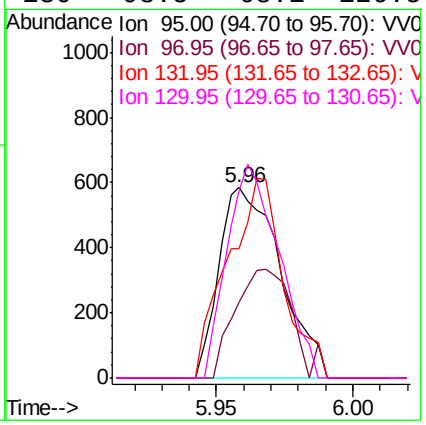


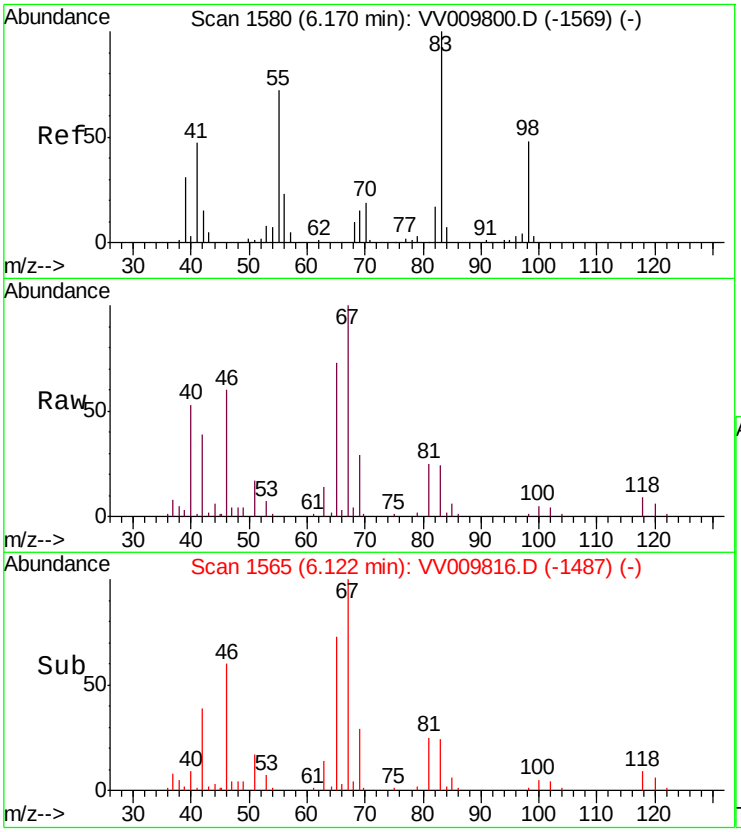


#34
Trichloroethene
Concen: 0.144 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Tgt Ion: 95 Resp: 917

Ion	Ratio	Lower	Upper
95	100		
97	39.4	44.4	82.5#
132	68.0	66.4	123.4
130	98.5	68.1	126.5



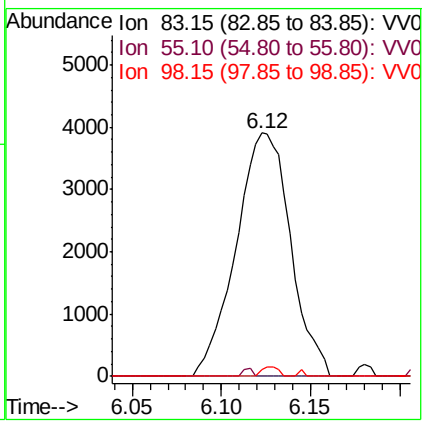


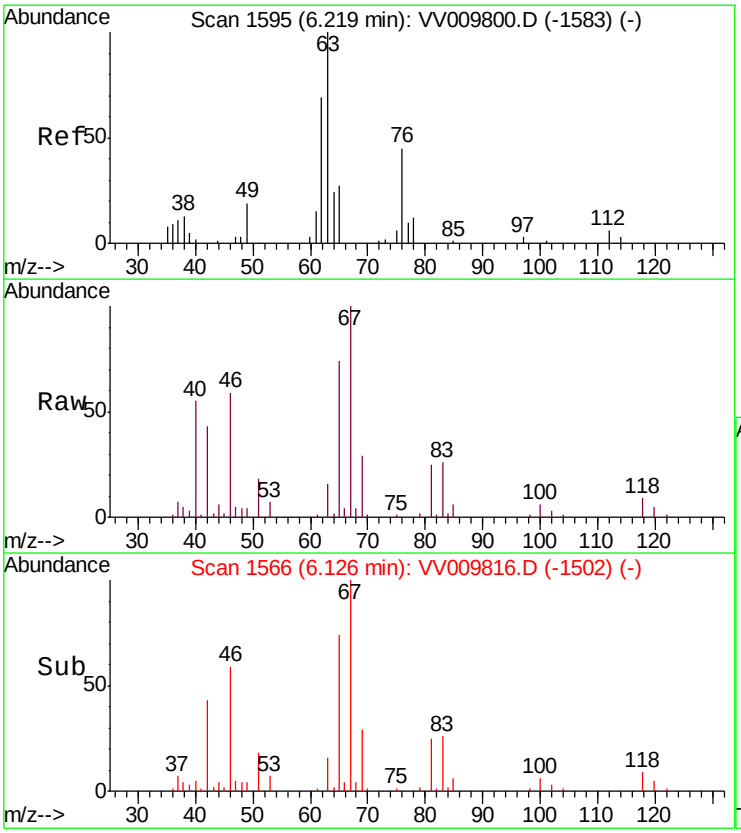
#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Instrument :
MSVOA_V
ClientSampleId :
P025-TW001-01

Tgt Ion: 83 Resp: 8331

Ion	Ratio	Lower	Upper
83	100		
55	0.6	57.4	86.2#
98	1.2	38.9	58.3#

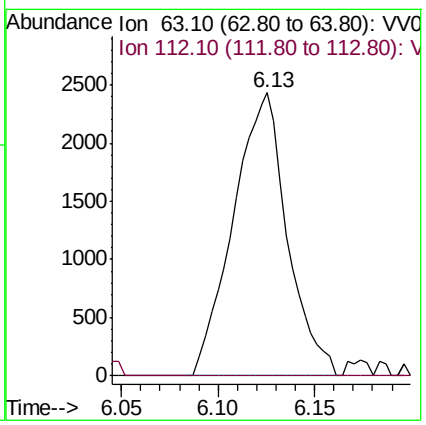


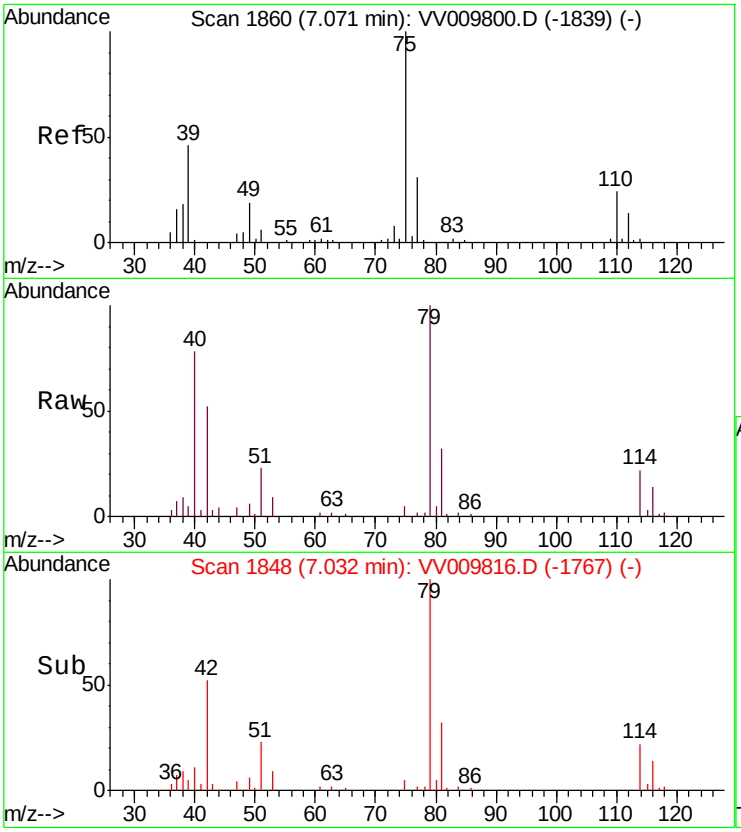


#37
1,2-Dichloropropane
Concen: 0.752 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.09 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Tgt Ion: 63 Resp: 4729

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.3	4.9#



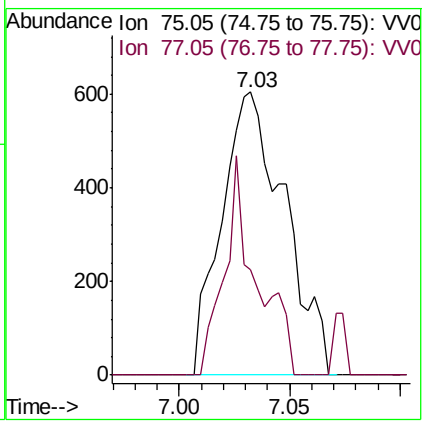


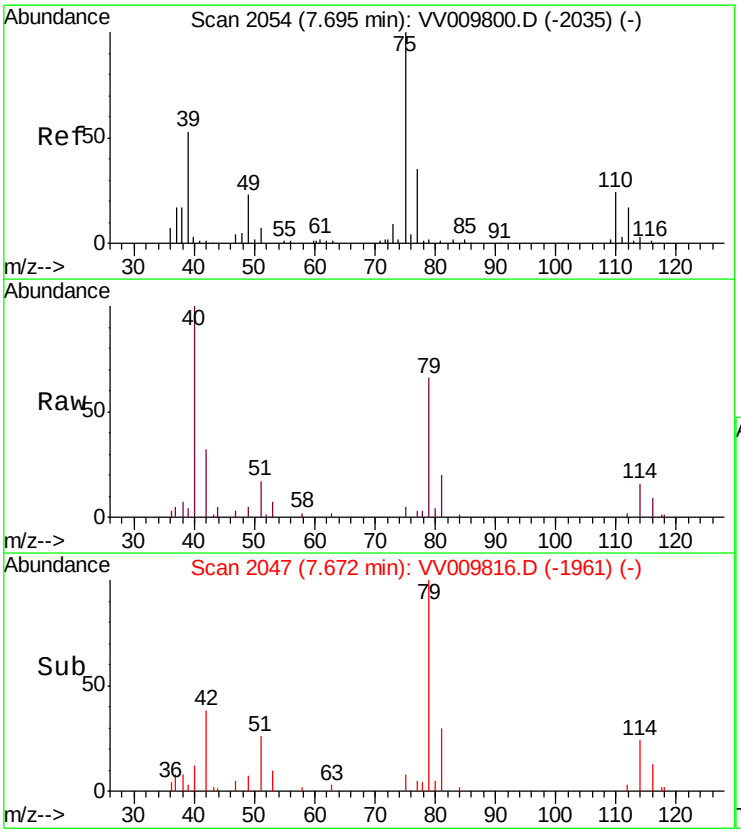
#39
cis-1,3-Dichloropropene
Concen: 0.141 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Instrument :
MSVOA_V
ClientSampleId :
P025-TW001-01

Tgt Ion: 75 Resp: 1201

Ion	Ratio	Lower	Upper
75	100		
77	37.1	24.1	44.8

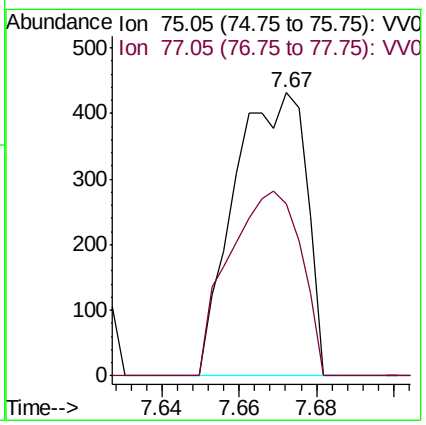


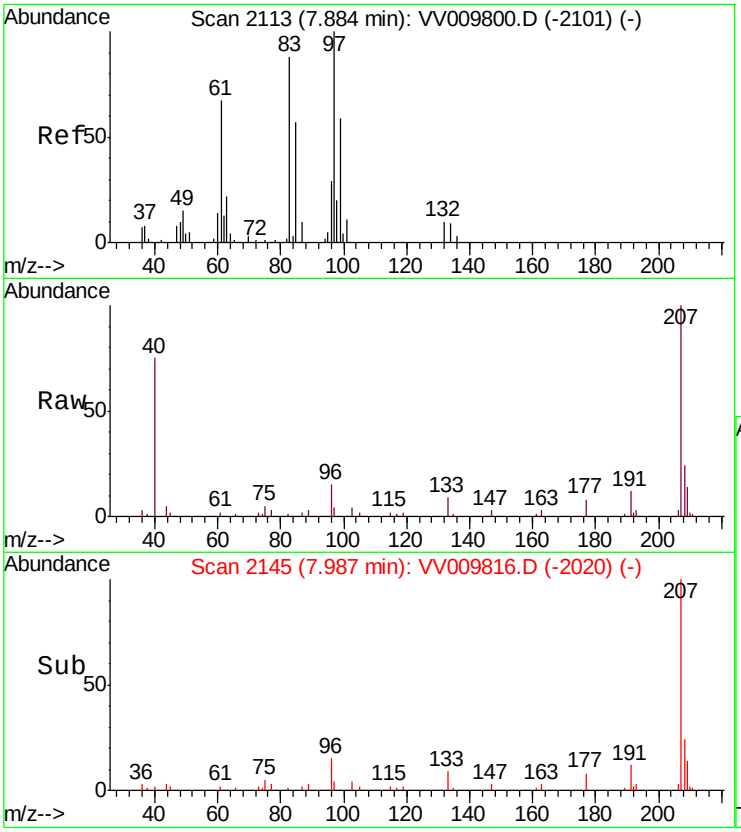


#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.02 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Tgt Ion: 75 Resp: 557

Ion	Ratio	Lower	Upper
75	100		
77	60.6	22.7	42.3#



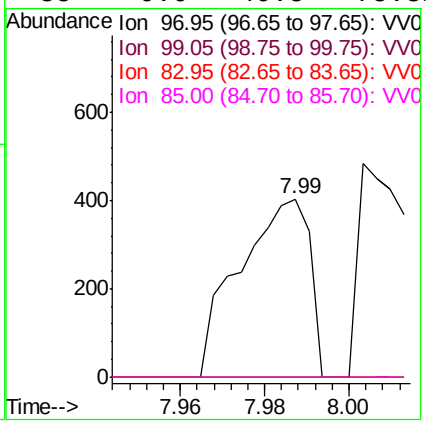


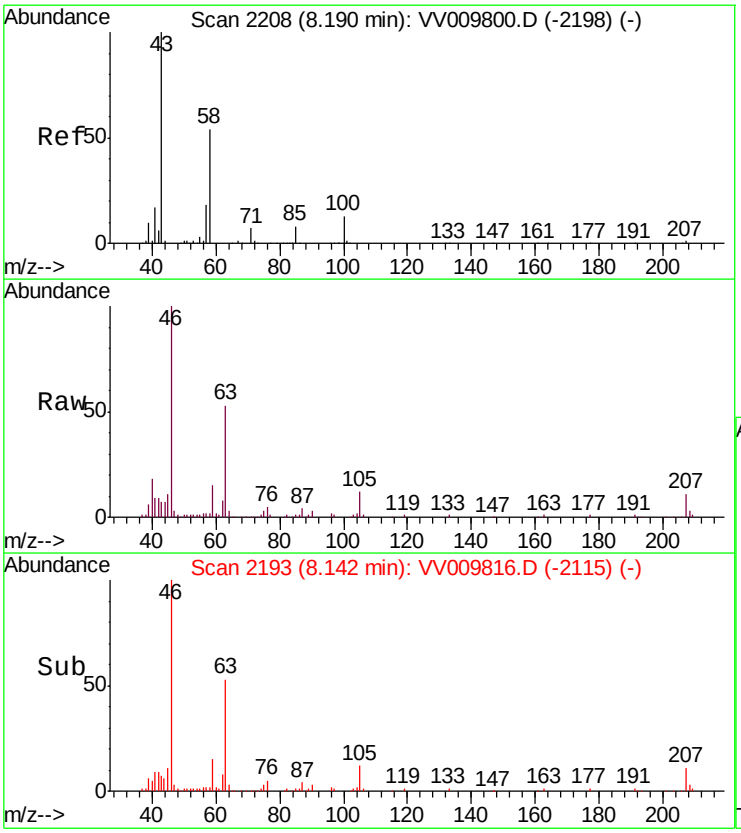
#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 7.99 min Scan# 2145
Delta R.T. 0.10 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Instrument :
MSVOA_V
ClientSampleId :
P025-TW001-01

Tgt Ion: 97 Resp: 465

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.8	81.4#
83	0.0	60.7	112.7#
85	0.0	40.5	75.3#

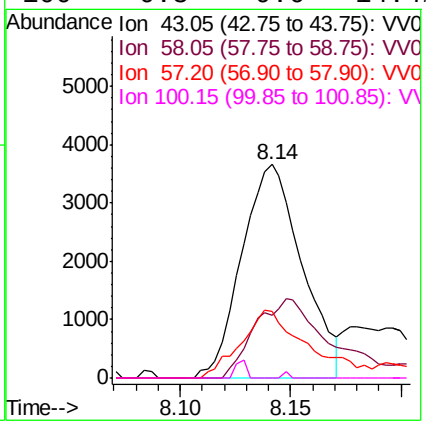


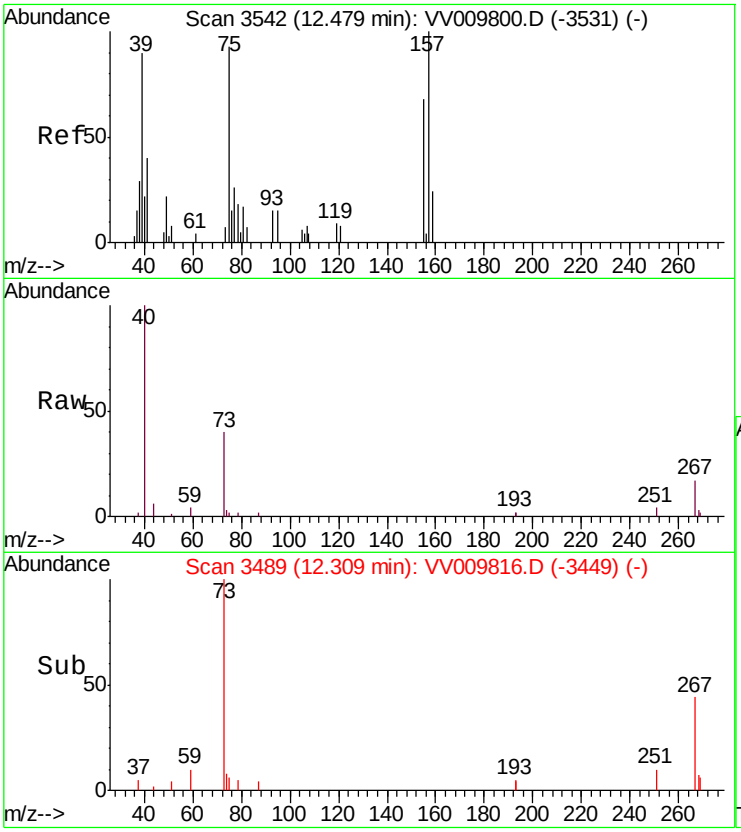


#48
2-Hexanone
Concen: 2.690 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Tgt Ion: 43 Resp: 6958

Ion	Ratio	Lower	Upper
43	100		
58	45.3	43.4	65.0
57	35.2	15.0	22.4#
100	0.3	9.6	14.4#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.163 ug/L
RT: 12.31 min Scan# 3489
Delta R.T. -0.17 min
Lab File: VV009816.D
Acq: 22 Mar 2019 00:16

Instrument :
MSVOA_V
ClientSampleId :
P025-TW001-01

Tgt Ion: 75 Resp: 105

Ion	Ratio	Lower	Upper
75	100		
155	0.0	73.5	110.3#
157	0.0	88.3	132.5#