Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032219\

Quantitation Report (Not Reviewed)

Data File : VV009825.D
Acq On : 22 Mar 2019 14:18
Operator : SY/MD
Sample : K2049-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : P002-TW001-01MSD

Quant Time: Mar 23 03:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91166	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39147	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56801	5.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.20%			
7) Chloroethane-d5	1.59	69	54067	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.80%			
11) 1,1-Dichloroethene-d2	2.13	63	147175	5.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.60%			
20) 2-Butanone-d5	3.98	46	72547	56.89	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.78%			
24) Chloroform-d	4.40	84	59918	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.09	65	31644	5.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.40%			
32) Benzene-d6	5.10	84	127697	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.80%			
36) 1,2-Dichloropropane-d6	6.12	67	37917	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.36	98	110198	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.67	79	11413	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.14	63	61339	55.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27256	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	40651	5.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.40%			
Target Compounds						Qvalue
8) Chloroethane	1.61	64	883	0.096	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1247	0.091	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	69604	5.726	ug/L	93
15) Methyl Acetate	2.47	43	498	0.127	ug/L #	64
16) Methylene chloride	2.54	84	5795	0.422	ug/L	89
27) 1,2-Dichloroethane	5.15	62	1961	0.292	ug/L #	75
33) Benzene	5.15	78	139673	5.511	ug/L	100
34) Trichloroethene	5.96	95	34019	5.306	ug/L	93
35) Methylcyclohexane	6.12	83	8771	0.799	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	5119	0.808	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1058	0.123	ug/L #	41
42) Toluene	7.43	91	149120	5.199	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	663	0.097	ug/L #	43
51) Chlorobenzene	8.93	112	97440	5.307	ug/L	97

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

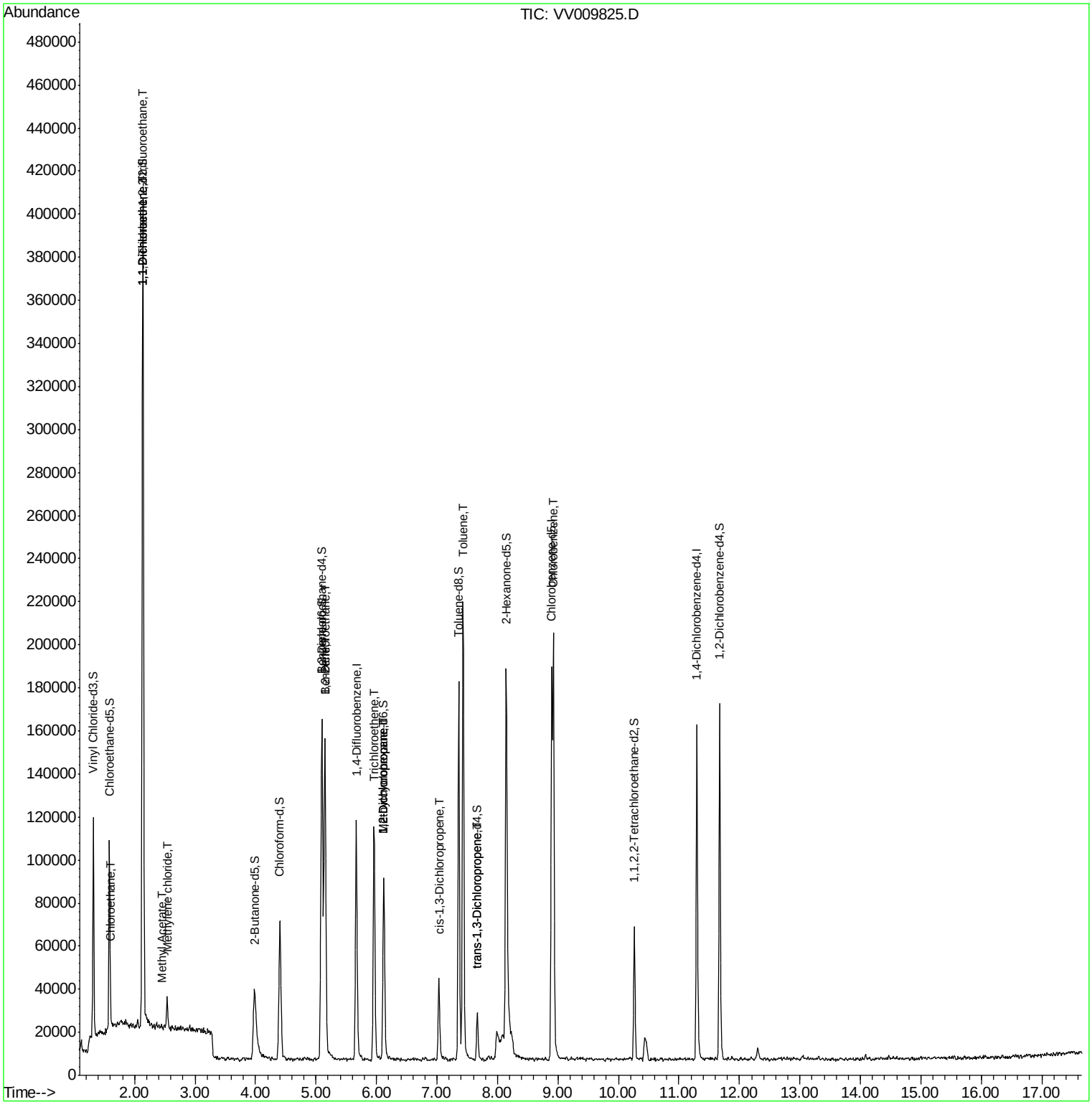
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032219\

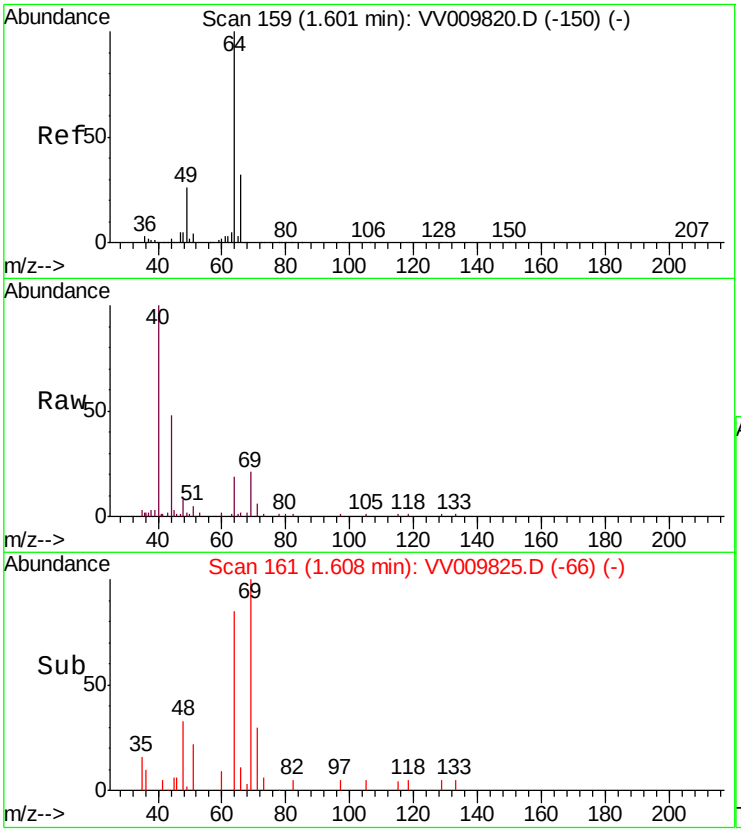
Quantitation Report (Not Reviewed)

Data File : VV009825.D
Acq On : 22 Mar 2019 14:18
Operator : SY/MD
Sample : K2049-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Quant Time: Mar 23 03:56:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration



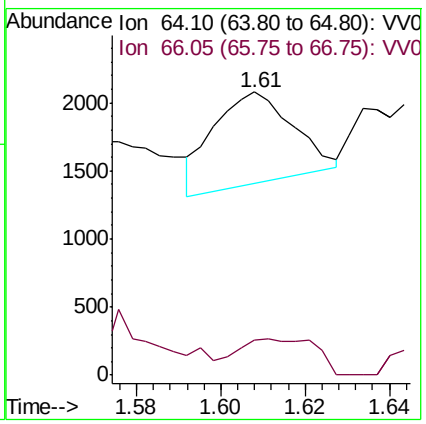


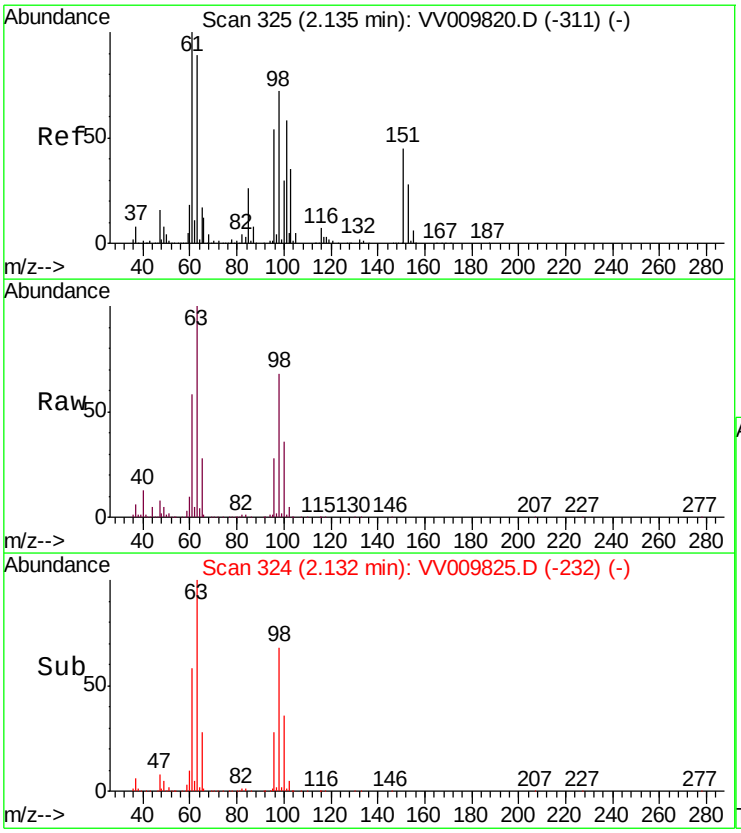
#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.61 min Scan# 161
Delta R.T. 0.01 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 64 Resp: 883

Ion	Ratio	Lower	Upper
64	100		
66	12.4	22.4	41.6#

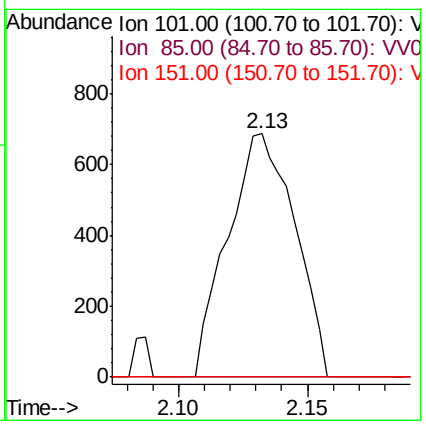


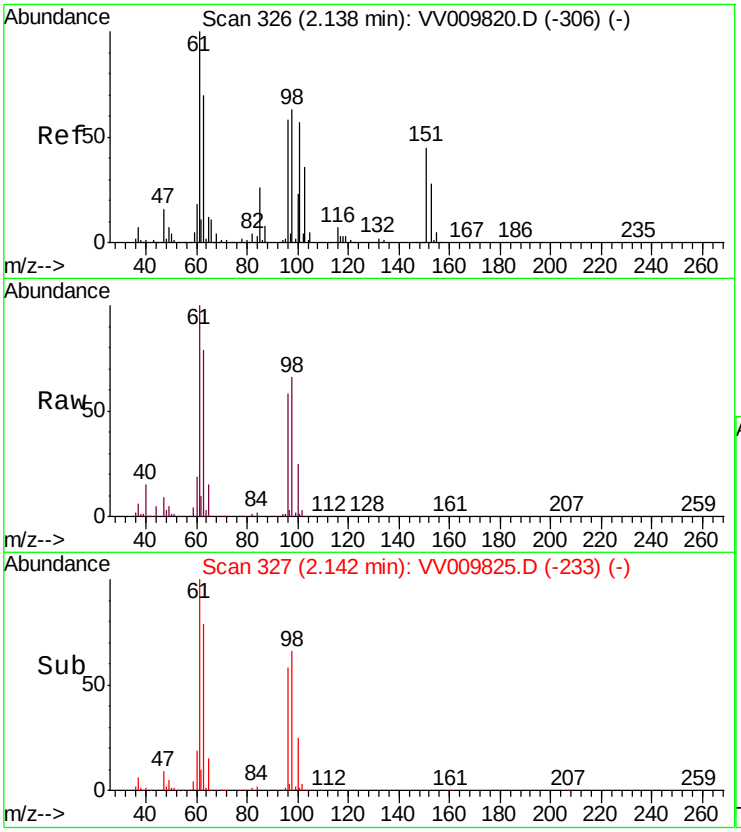


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion:101 Resp: 1247

Ion	Ratio	Lower	Upper
101	100		
85	0.0	39.2	58.8#
151	0.0	61.1	91.7#



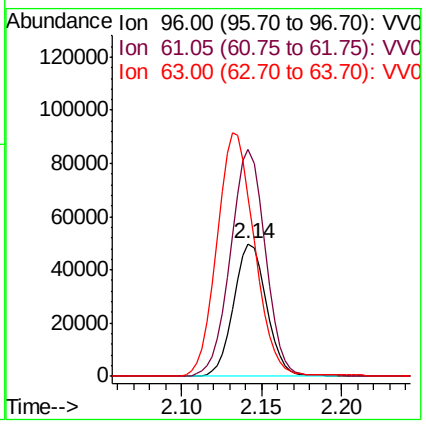


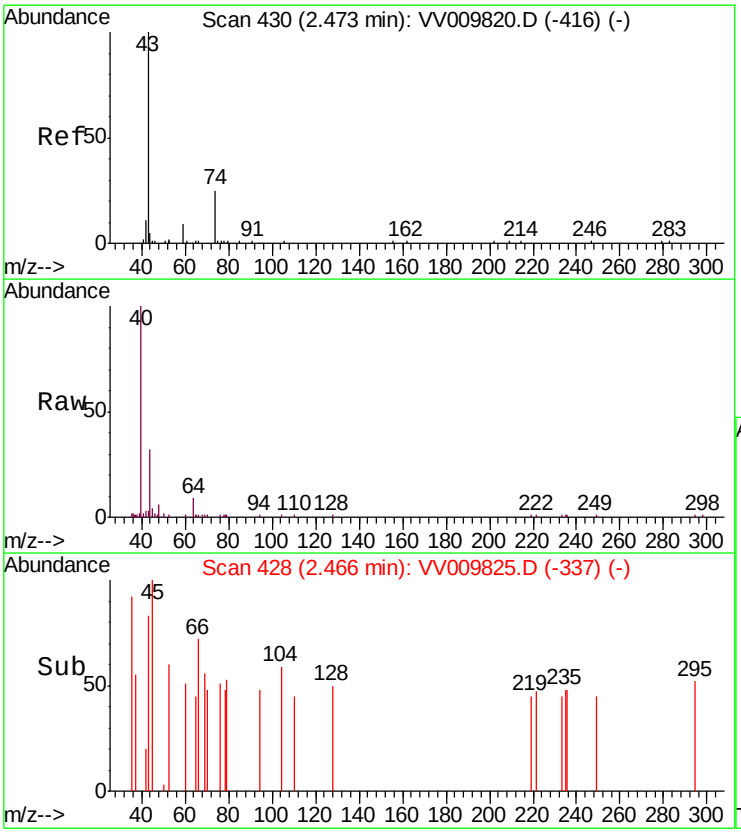
#12
1,1-Dichloroethene
Concen: 5.726 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 96 Resp: 69604

Ion	Ratio	Lower	Upper
96	100		
61	171.5	127.1	236.0
63	135.3	88.8	164.8

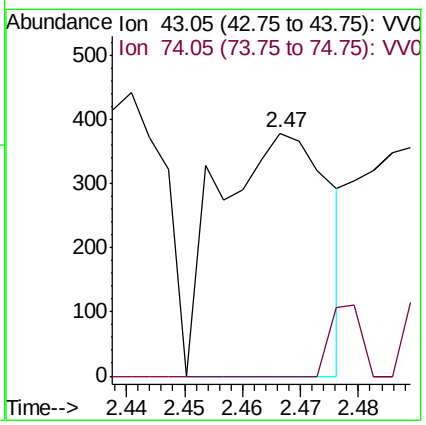


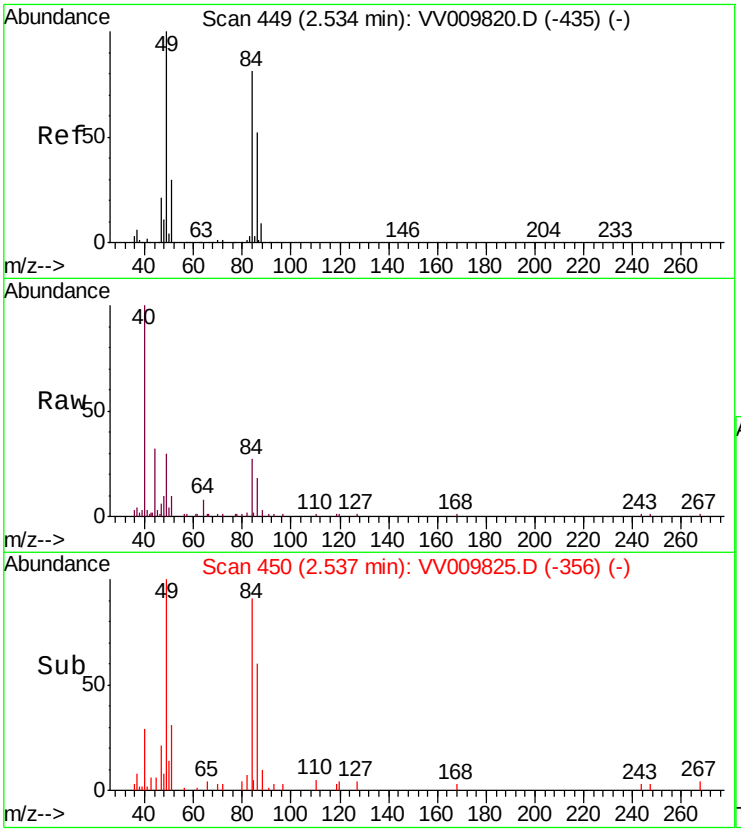


#15
Methyl Acetate
Concen: 0.127 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.01 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion: 43 Resp: 498

Ion	Ratio	Lower	Upper
43	100		
74	8.4	21.8	32.6#



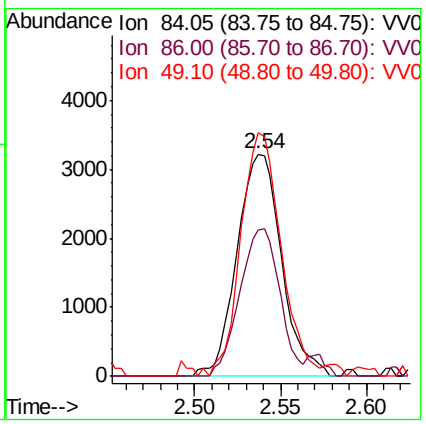


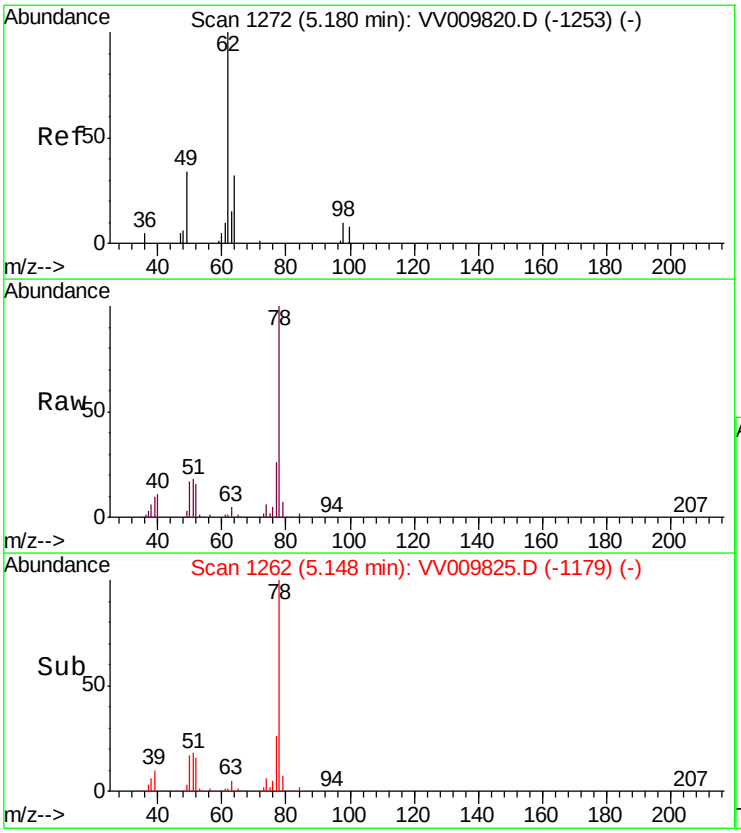
#16
Methylene chloride
Concen: 0.422 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 84 Resp: 5795

Ion	Ratio	Lower	Upper
84	100		
86	66.0	46.1	85.5
49	109.7	89.7	166.5

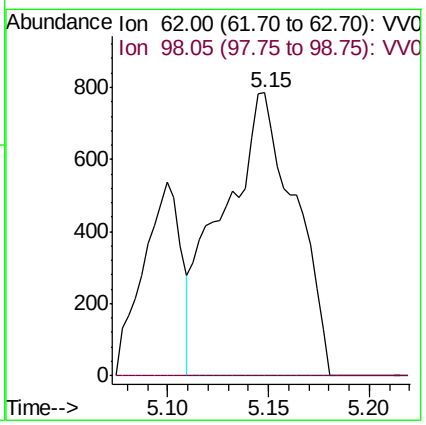


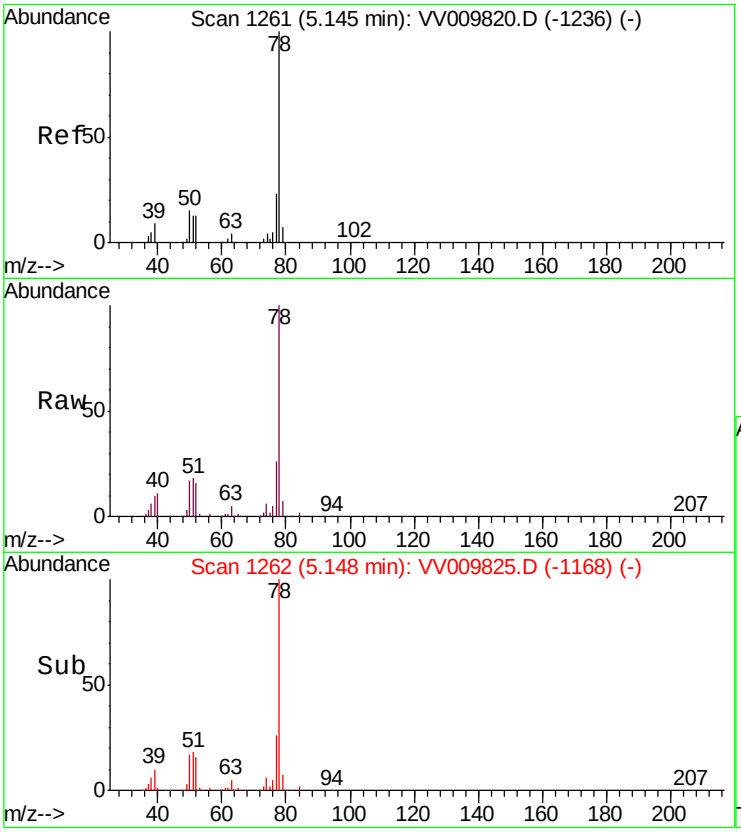


#27
1,2-Dichloroethane
Concen: 0.292 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.03 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion: 62 Resp: 1961

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

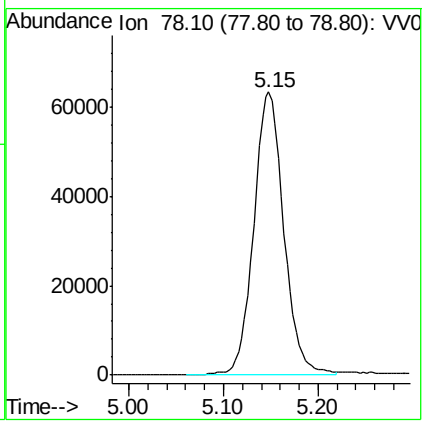


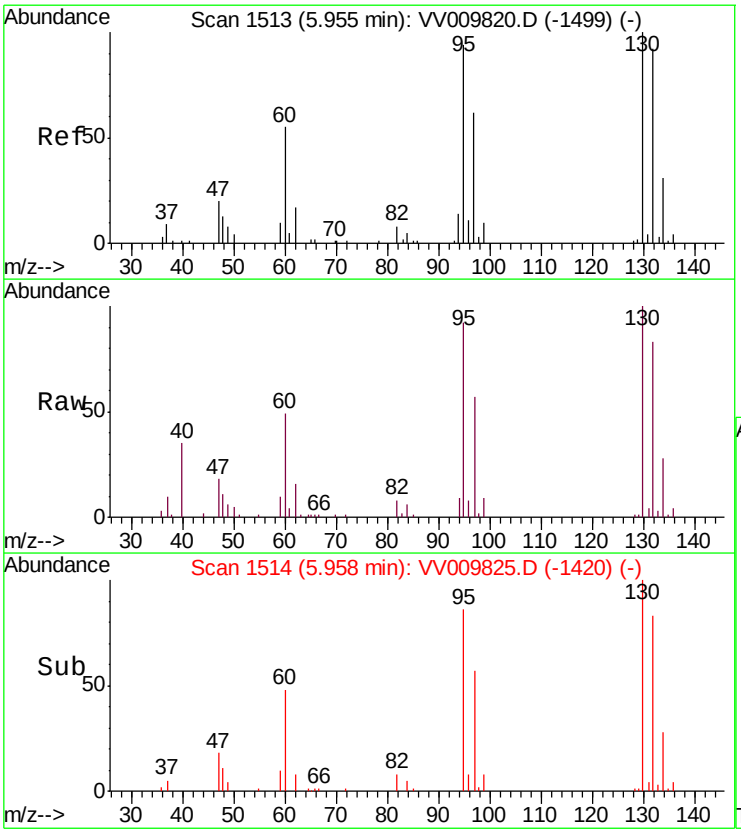


#33
Benzene
Concen: 5.511 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 78 Resp: 139673

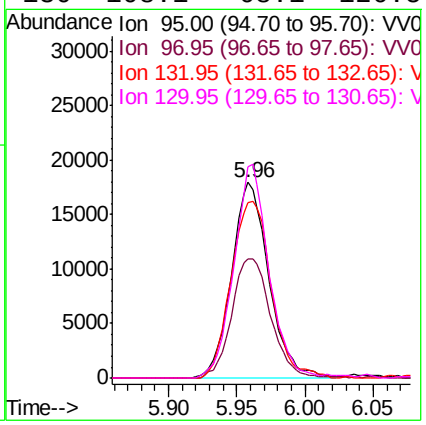


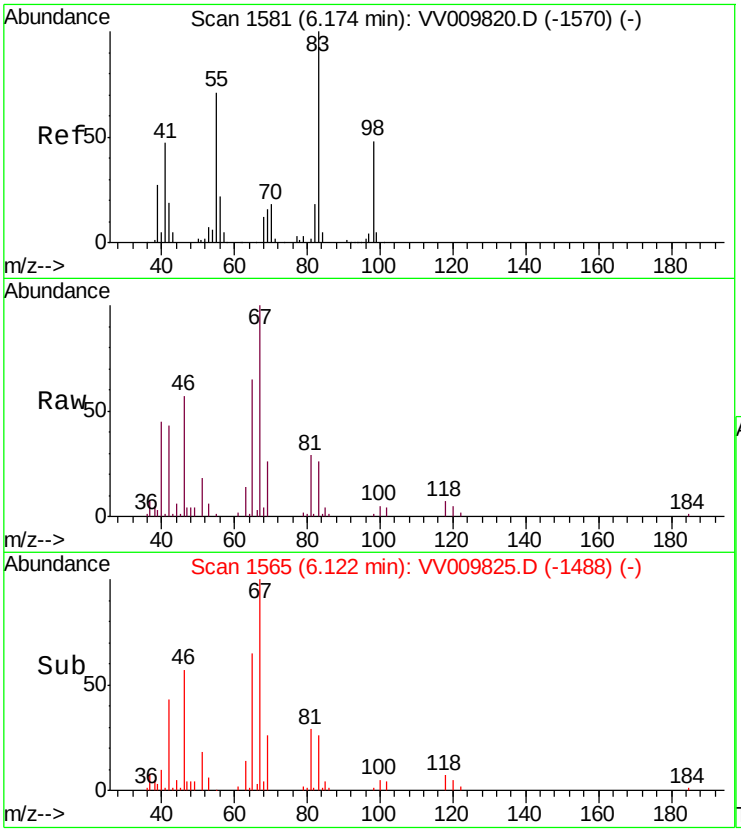


#34
Trichloroethene
Concen: 5.306 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion: 95 Resp: 34019

Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.4	82.5
132	89.8	66.4	123.4
130	108.1	68.1	126.5



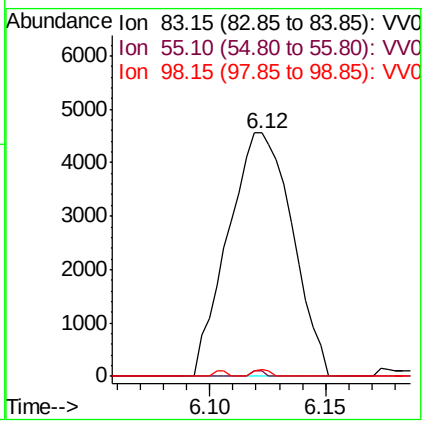


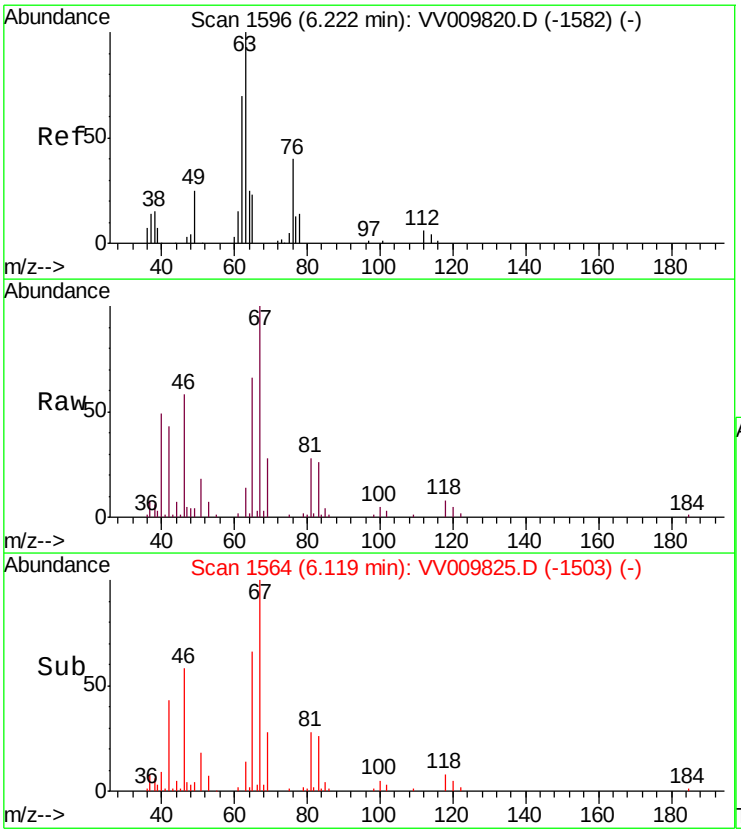
#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 83 Resp: 8771

Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.4	86.2#
98	0.8	38.9	58.3#

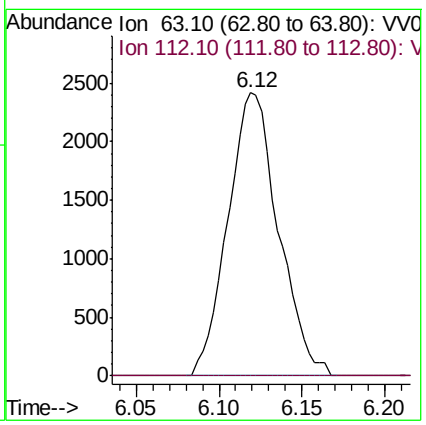


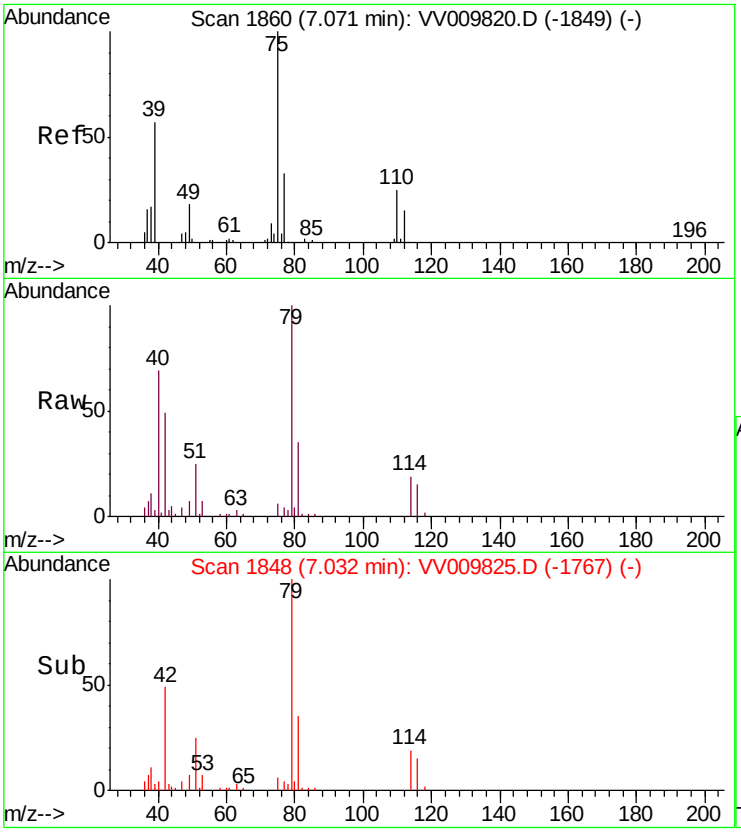


#37
1,2-Dichloropropane
Concen: 0.808 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion: 63 Resp: 5119

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



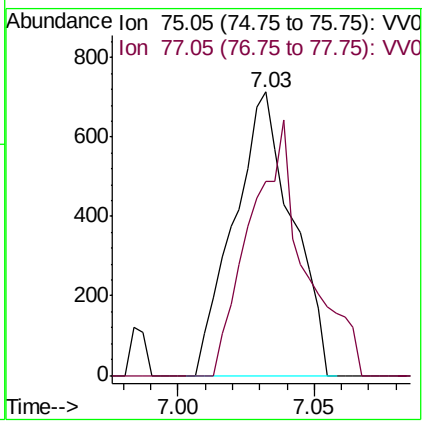


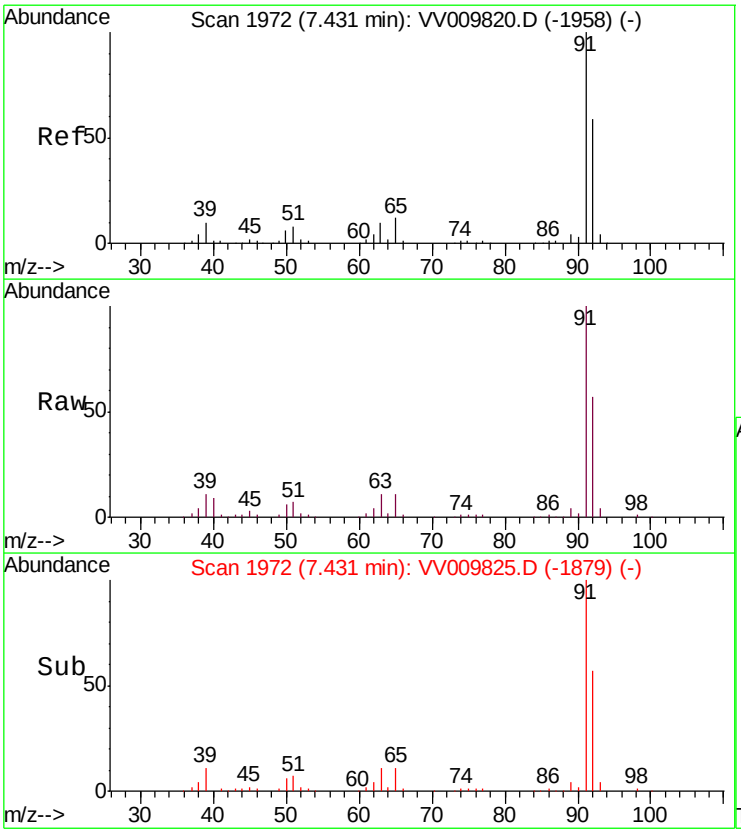
#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 75 Resp: 1058

Ion	Ratio	Lower	Upper
75	100		
77	68.6	24.1	44.8#

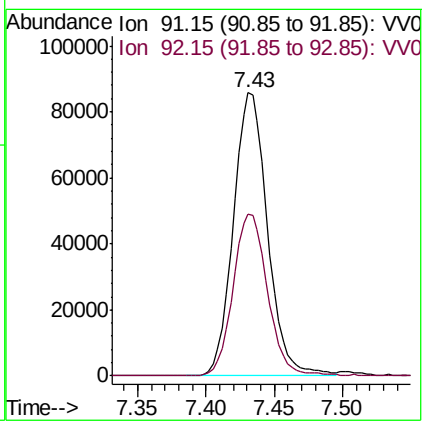


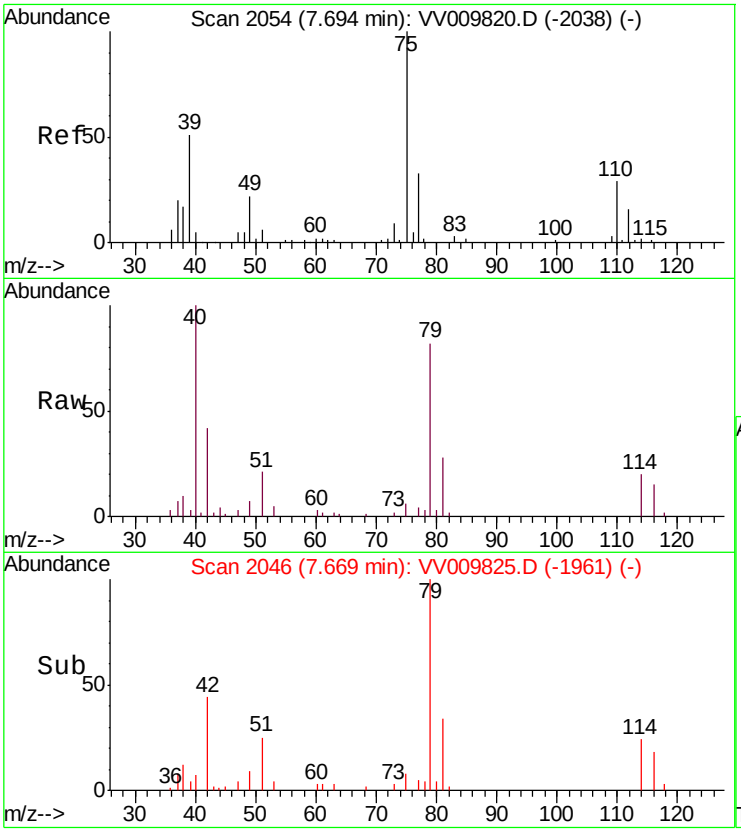


#42
Toluene
Concen: 5.199 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion: 91 Resp: 149120

Ion	Ratio	Lower	Upper
91	100		
92	57.2	39.1	72.5



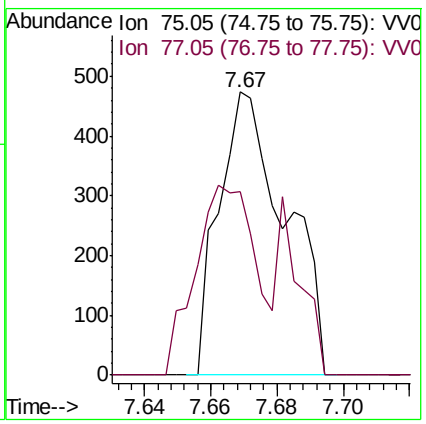


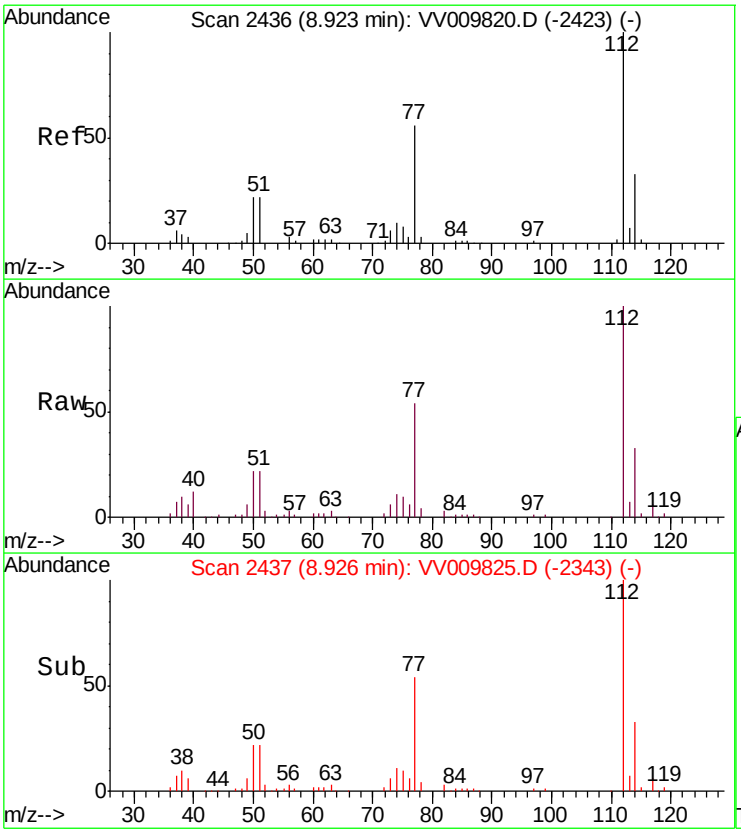
#44
trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MSD

Tgt Ion: 75 Resp: 663

Ion	Ratio	Lower	Upper
75	100		
77	64.7	22.7	42.3#





#51
Chlorobenzene
Concen: 5.307 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009825.D
Acq: 22 Mar 2019 14:18

Tgt Ion:112 Resp: 97440

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.8	40.4
77	53.7	45.0	67.4