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

Quantitation Report (Not Reviewed)

Data File : VV009829.D
Acq On : 22 Mar 2019 16:00
Operator : SY/MD
Sample : K2052-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : P001-TW001-04

Quant Time: Mar 23 03:57:28 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	91579	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38935	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54497	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.40%			
7) Chloroethane-d5	1.59	69	51250	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.60%			
11) 1,1-Dichloroethene-d2	2.13	63	106604	4.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.20%			
20) 2-Butanone-d5	3.98	46	68240	53.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.56%			
24) Chloroform-d	4.41	84	57292	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.08	65	30349	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
32) Benzene-d6	5.10	84	122349	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.12	67	37019	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.36	98	107962	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.67	79	10864	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.14	63	57885	50.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.40%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25807	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	37757	5.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.80%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	995	0.108	ug/L #	59
16) Methylene chloride	2.54	84	2210	0.160	ug/L	80
34) Trichloroethene	5.96	95	15025	2.254	ug/L	94
35) Methylcyclohexane	6.12	83	8756	0.768	ug/L #	20
44) trans-1,3-Dichloropropene	7.67	75	609	0.085	ug/L #	60
48) 2-Hexanone	8.14	43	8635	3.189	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	12.30	75	105	0.168	ug/L #	1

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

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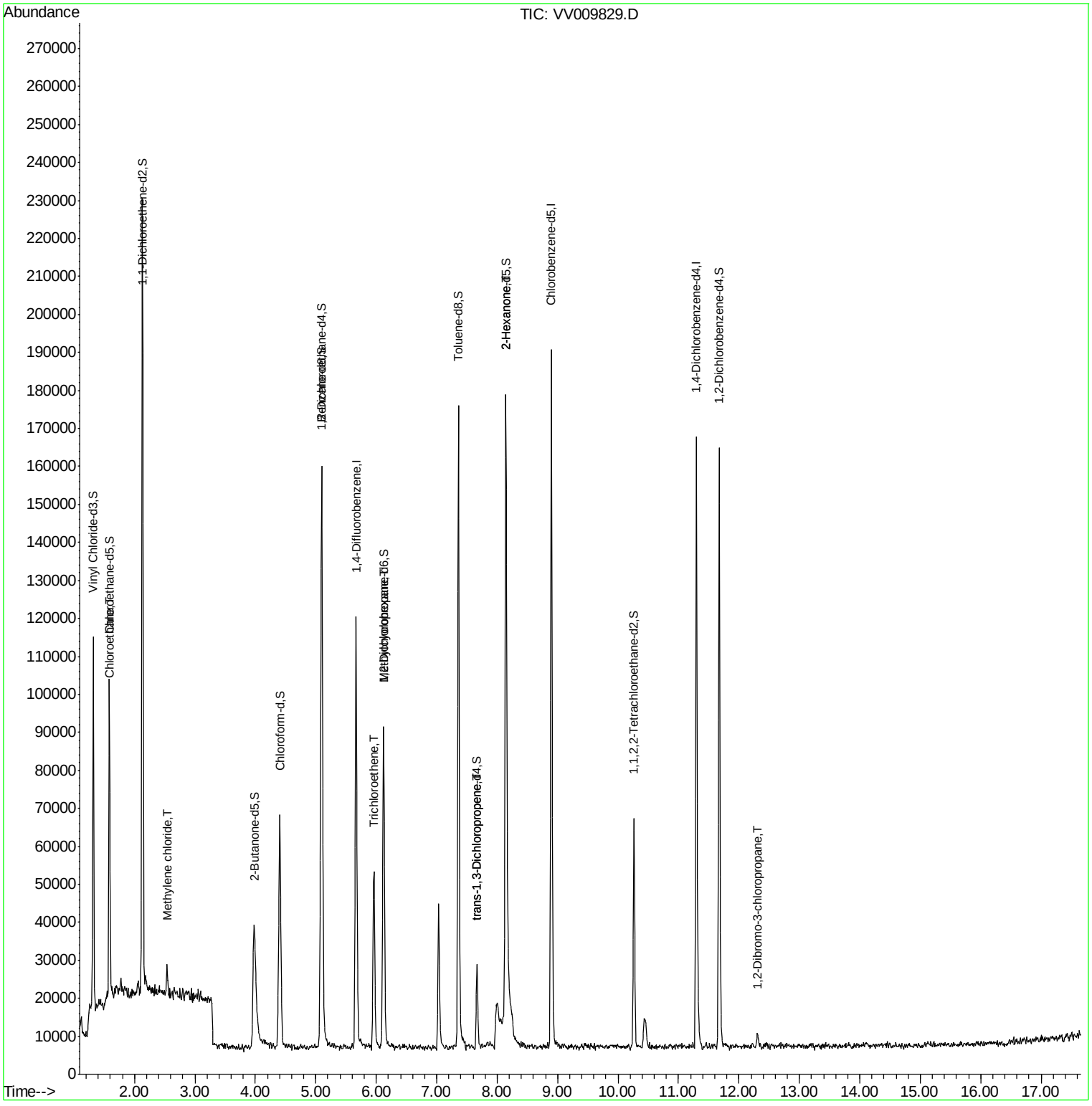
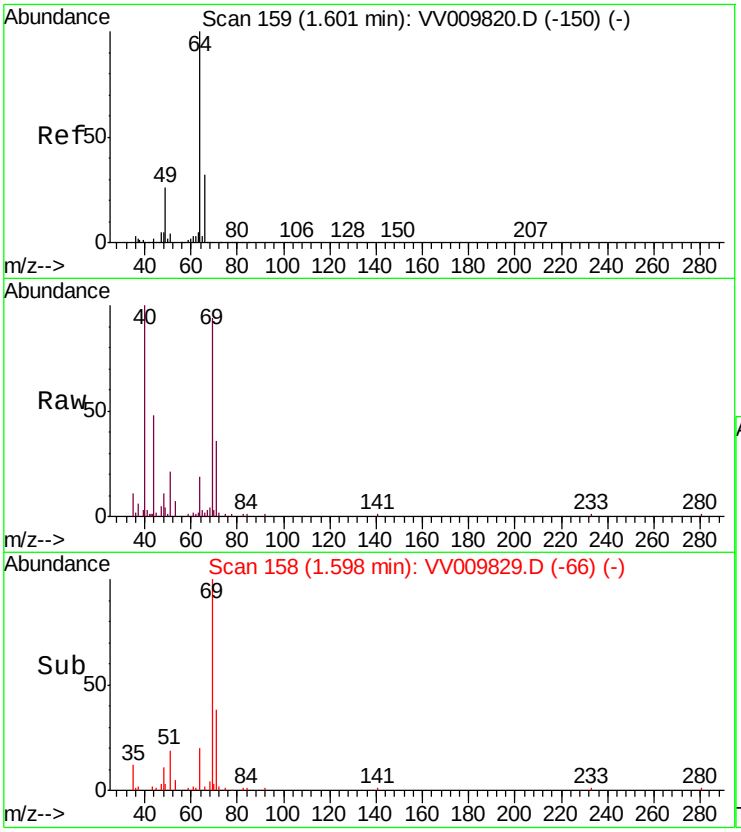
Quant Time: Mar 23 03:57:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration



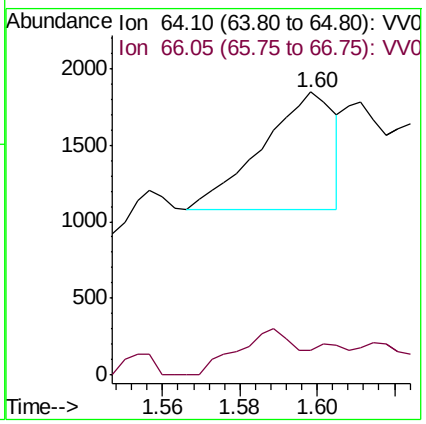


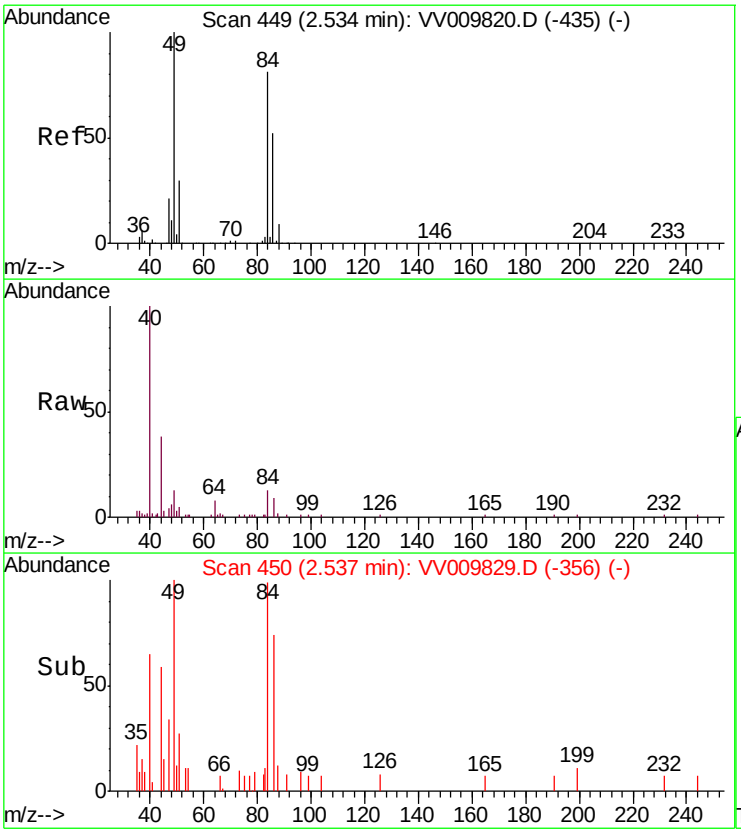
#8
Chloroethane
Concen: 0.108 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
P001-TW001-04

Tgt Ion: 64 Resp: 995

Ion	Ratio	Lower	Upper
64	100		
66	8.9	22.4	41.6#

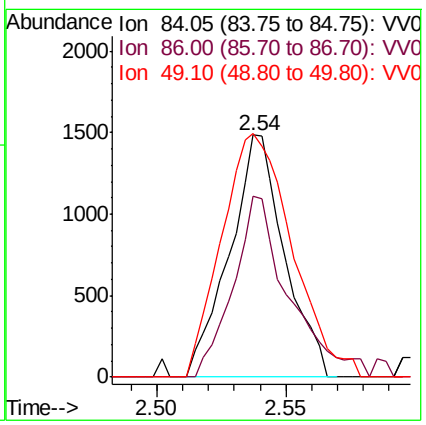


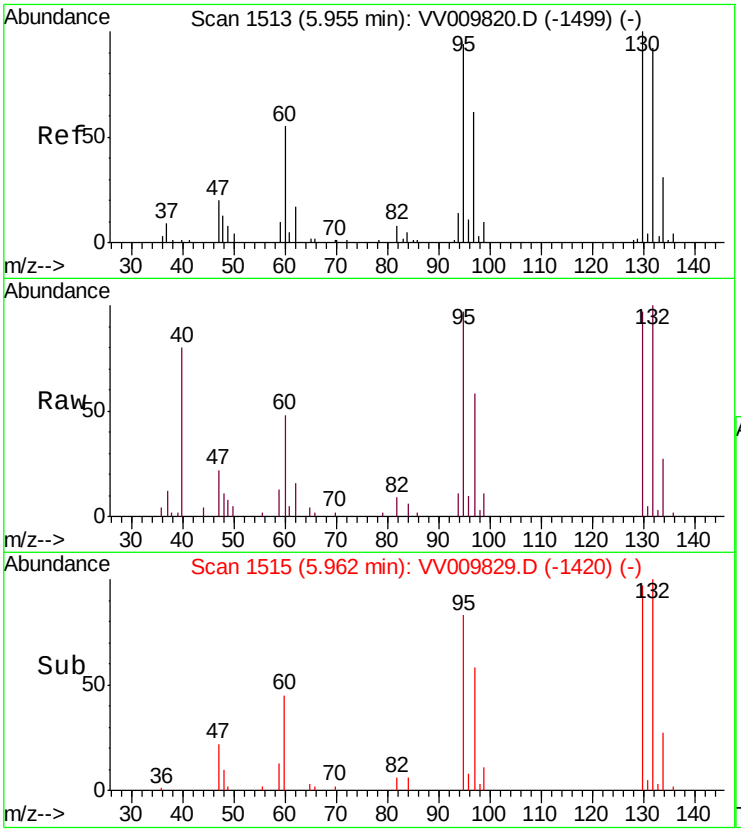


#16
Methylene chloride
Concen: 0.160 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Tgt Ion: 84 Resp: 2210

Ion	Ratio	Lower	Upper
84	100		
86	74.7	46.1	85.5
49	100.6	89.7	166.5



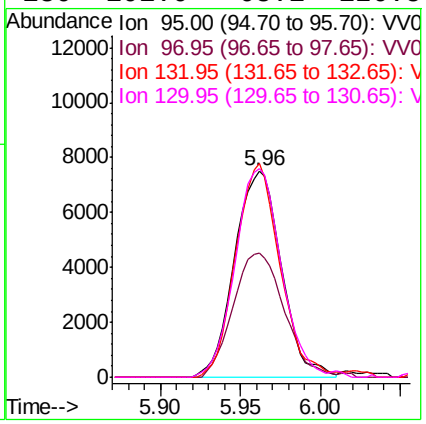


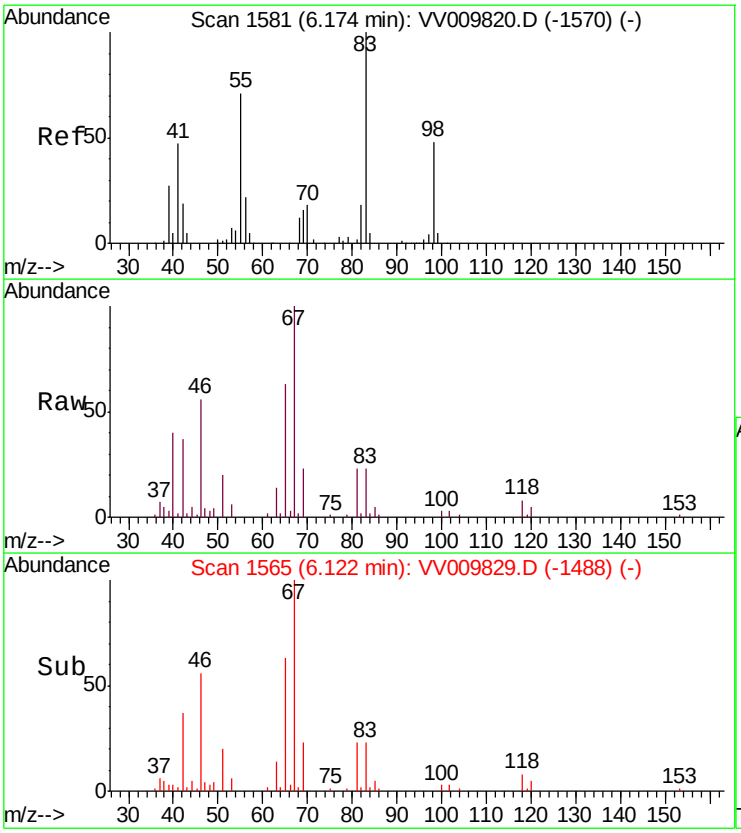
#34
Trichloroethene
Concen: 2.254 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Instrument : MSVOA_V
ClientSampleId : P001-TW001-04

Tgt Ion: 95 Resp: 15025

Ion	Ratio	Lower	Upper
95	100		
97	60.0	44.4	82.5
132	103.6	66.4	123.4
130	101.0	68.1	126.5

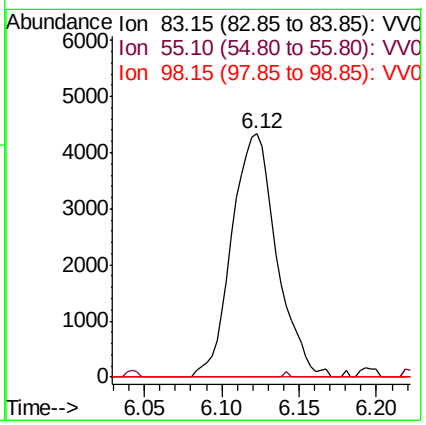


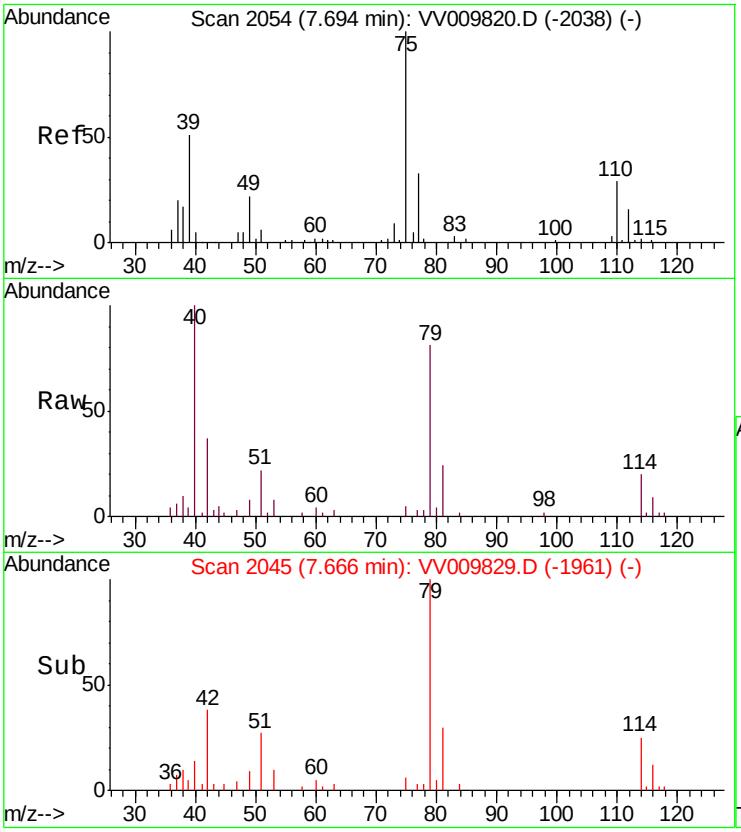


#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Tgt Ion: 83 Resp: 8756

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.4	86.2#
98	0.0	38.9	58.3#



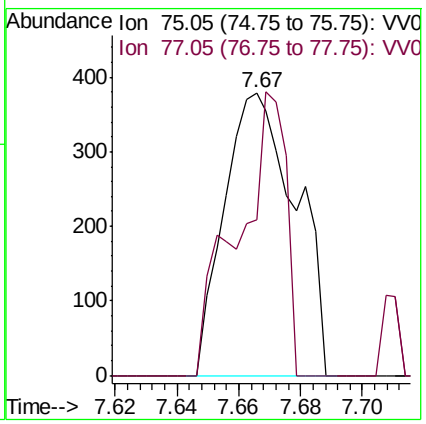


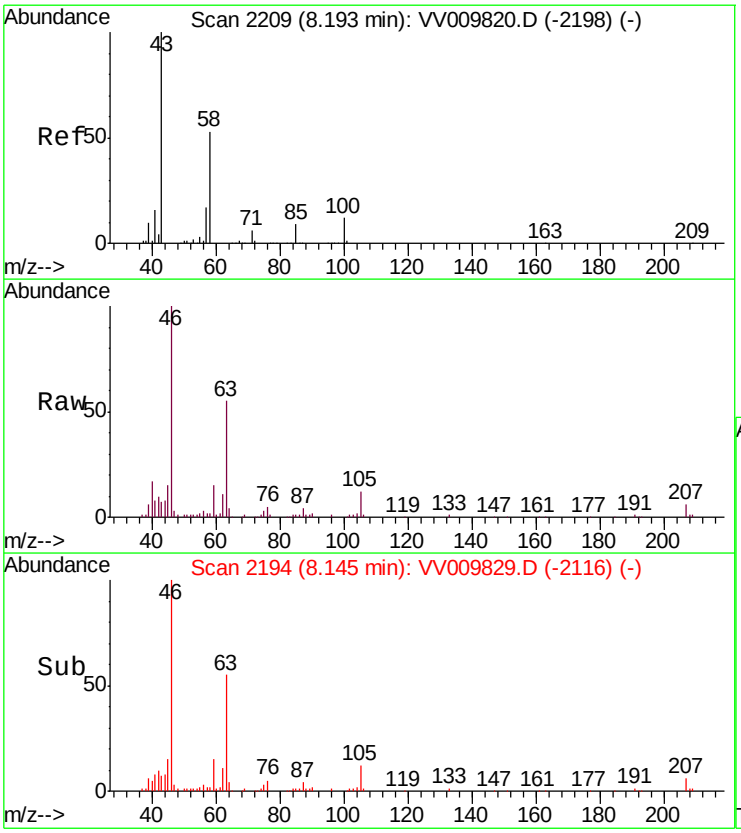
#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
P001-TW001-04

Tgt Ion: 75 Resp: 609

Ion	Ratio	Lower	Upper
75	100		
77	55.1	22.7	42.3#

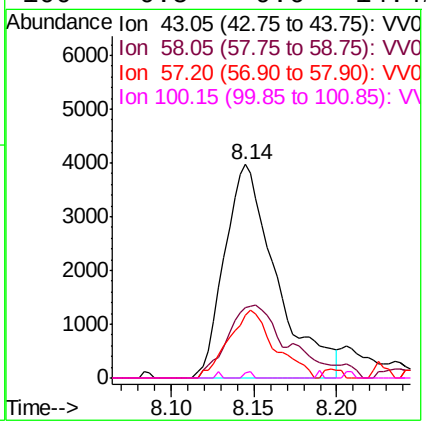


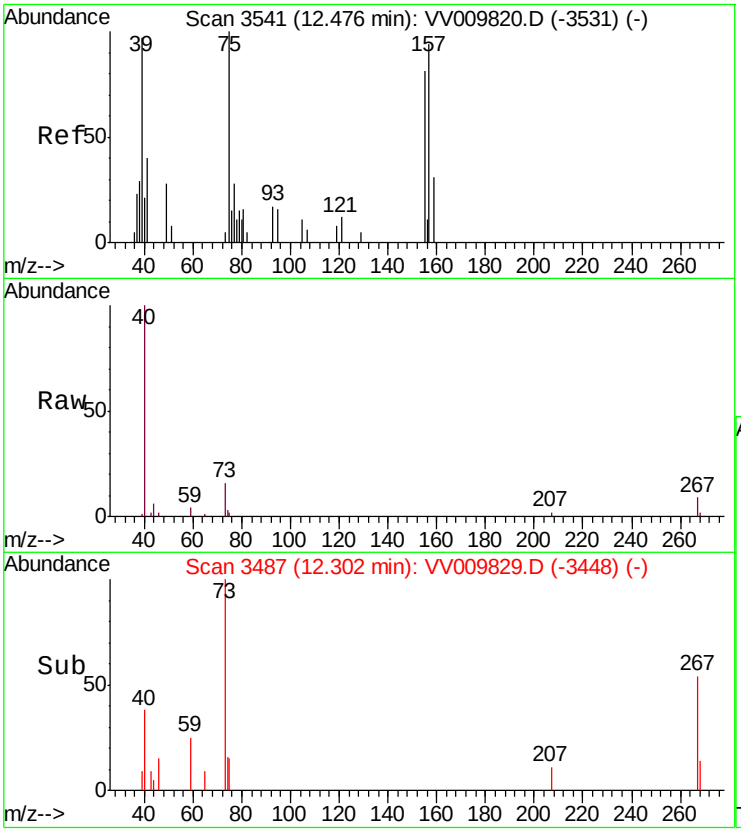


#48
2-Hexanone
Concen: 3.189 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Tgt Ion: 43 Resp: 8635

Ion	Ratio	Lower	Upper
43	100		
58	31.8	43.4	65.0#
57	28.1	15.0	22.4#
100	0.5	9.6	14.4#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.168 ug/L
RT: 12.30 min Scan# 3487
Delta R.T. -0.17 min
Lab File: VV009829.D
Acq: 22 Mar 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
P001-TW001-04

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#