Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060419\

Quantitation Report (Not Reviewed)

Data File : VV011210.D
Acq On : 04 Jun 2019 17:31
Operator : SY/MD
Sample : K3081-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GALD9

Quant Time: Jun 05 01:44:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	178743	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68643	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62876	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.56	69	48880	4.34	ug/L	-0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.80%			
11) 1,1-Dichloroethene-d2	2.12	63	97210	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	3.94	46	154581	50.70	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.40%			
24) Chloroform-d	4.40	84	103826	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.08	65	61975	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.09	84	236224	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.11	67	71509	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.36	98	217380	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	7.66	79	25673	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.13	63	126133	52.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.66%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48564	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	68709	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1751	0.106	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3511	0.303	ug/L	92
12) 1,1-Dichloroethene	2.13	96	3393	0.301	ug/L #	1
16) Methylene chloride	2.53	84	1314	0.113	ug/L	83
22) cis-1,2-Dichloroethene	3.95	96	12146	0.870	ug/L	97
25) Chloroform	4.42	83	8741	0.340	ug/L	86
34) Trichloroethene	5.96	95	322410	24.150	ug/L	100
35) Methylcyclohexane	6.11	83	17280	0.783	ug/L #	16
42) Toluene	7.43	91	6351	0.115	ug/L	93
44) trans-1,3-Dichloropropene	7.66	75	1542	0.108	ug/L #	72
47) Tetrachloroethene	8.01	164	4626	0.479	ug/L	87
48) 2-Hexanone	8.13	43	15731	2.754	ug/L #	70
49) Dibromochloromethane	8.02	129	4353	0.465	ug/L #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060419\

Quantitation Report (Not Reviewed)

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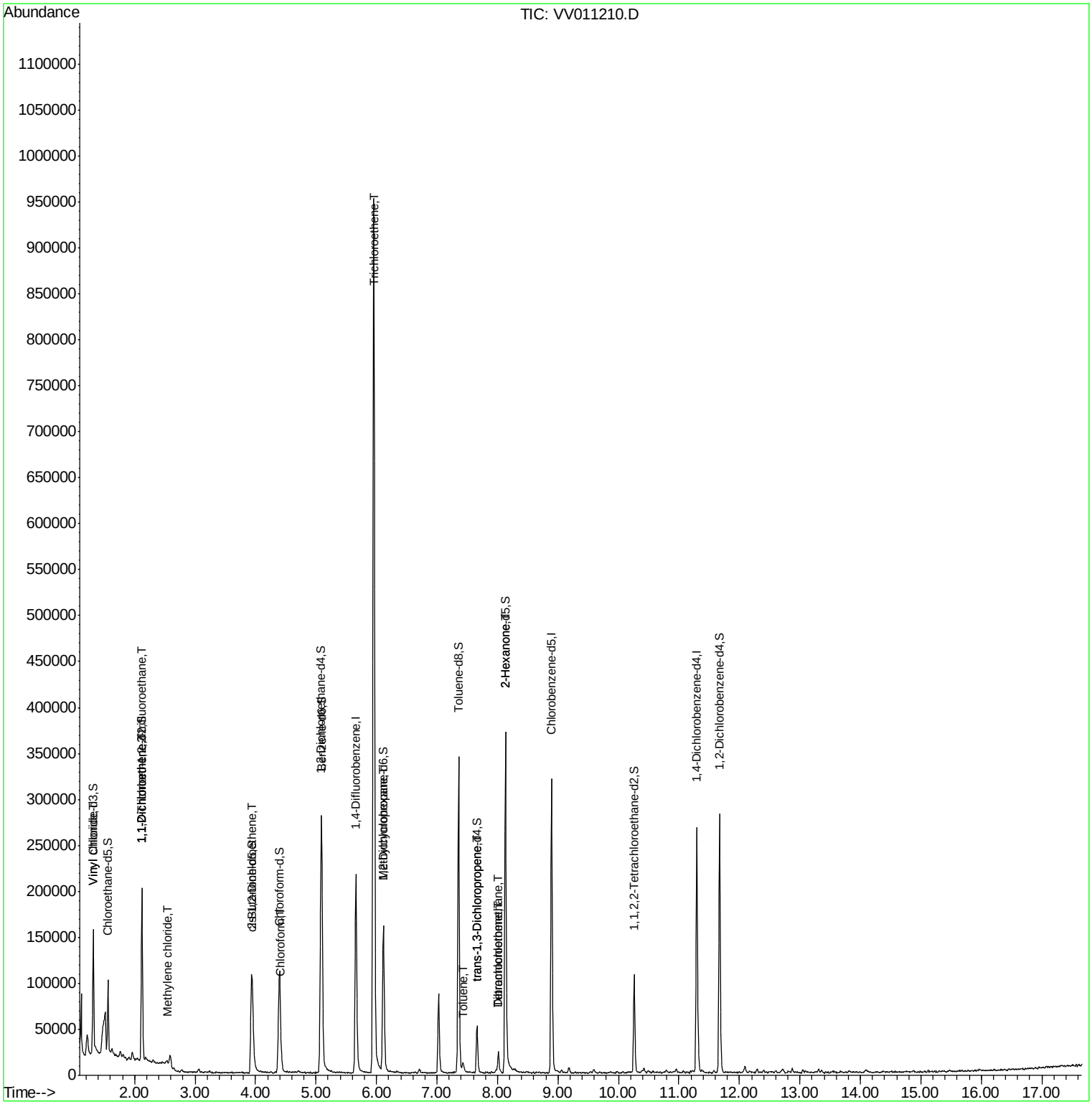
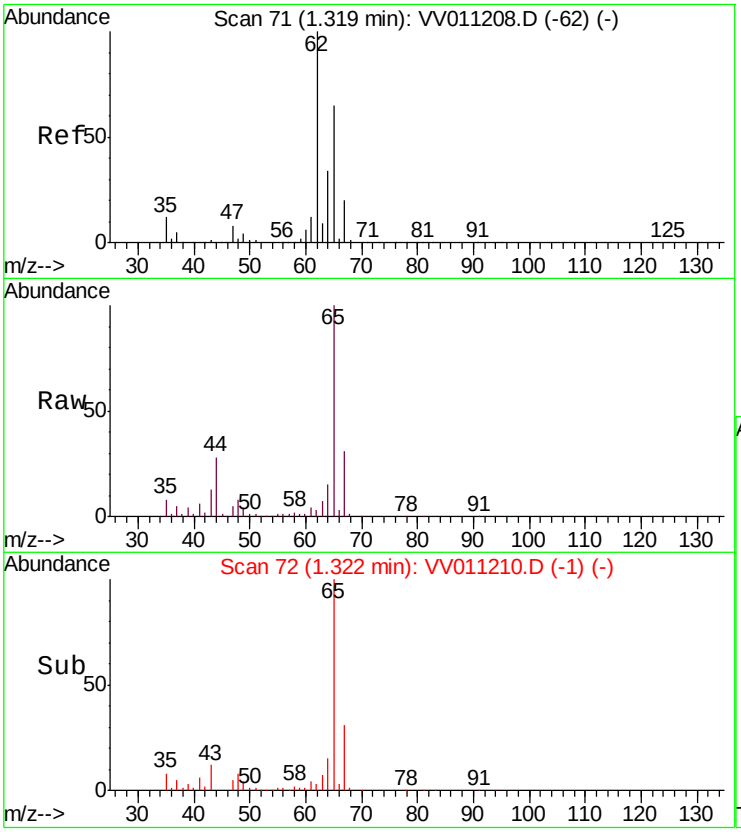
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 05 01:41:25 2019
Response via : Initial Calibration



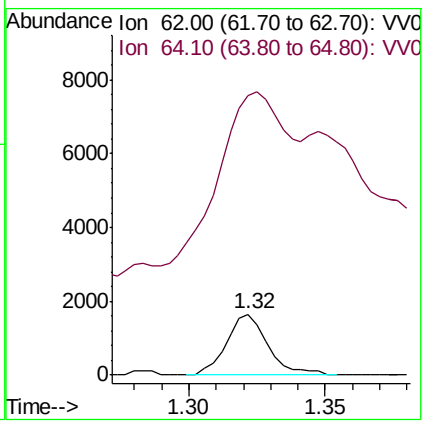


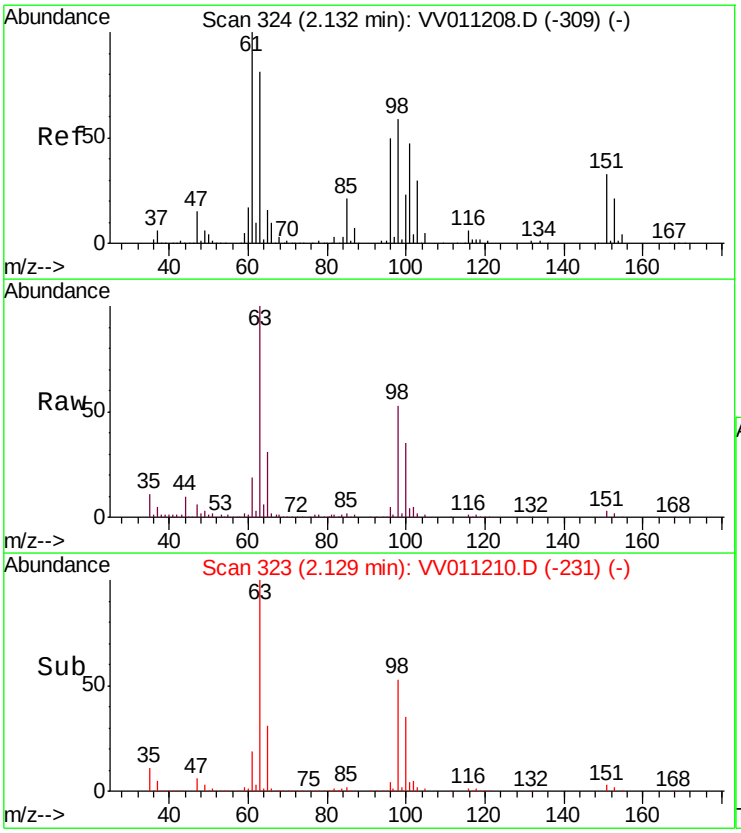
#5
Vinyl chloride
Concen: 0.106 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tgt Ion: 62 Resp: 1751

Ion	Ratio	Lower	Upper
62	100		
64	459.2	25.9	48.1#

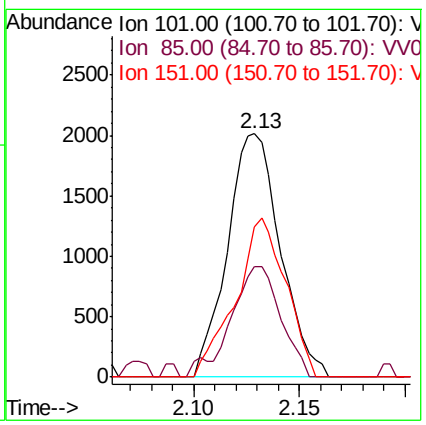


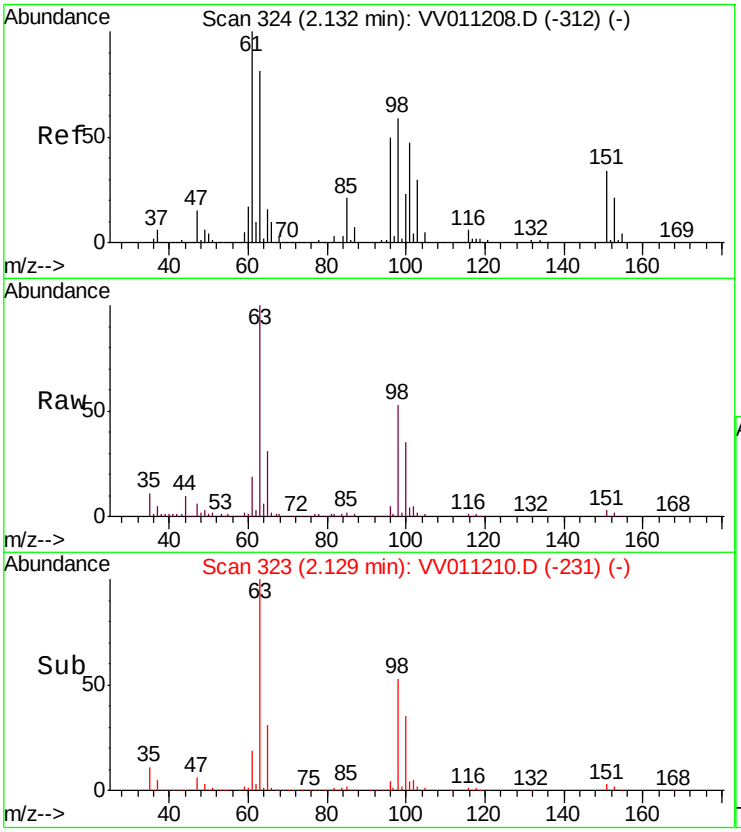


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.303 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion:101 Resp: 3511

Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.5	53.3
151	61.7	56.9	85.3



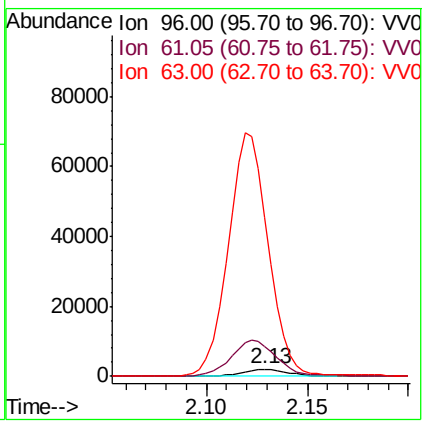


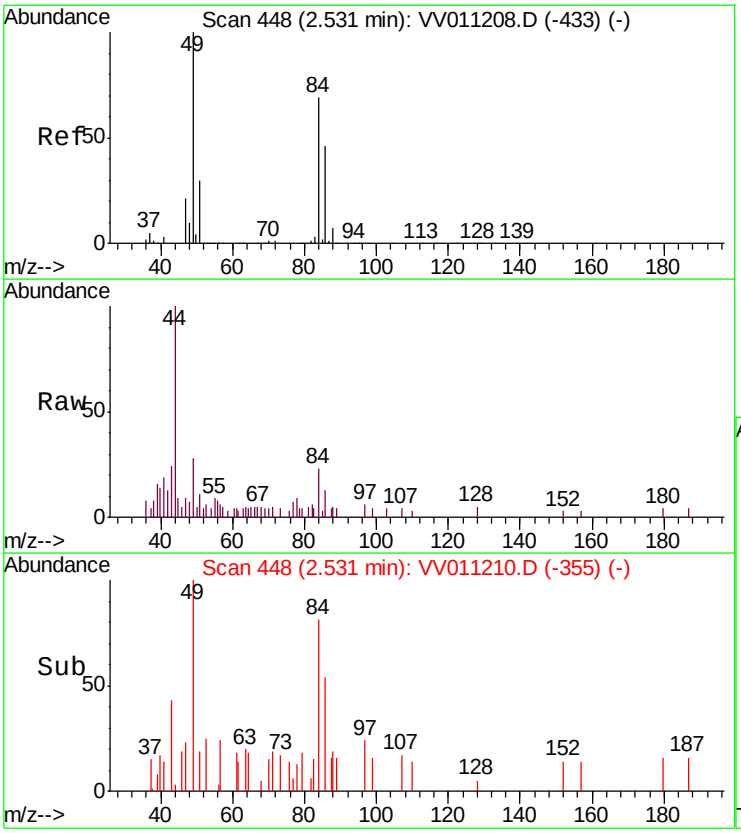
#12
1,1-Dichloroethene
Concen: 0.301 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument : MSVOA_V
ClientSampleId : GALD9

Tgt Ion: 96 Resp: 3393

Ion	Ratio	Lower	Upper
96	100		
61	412.6	139.8	259.6#
63	2187.1	94.3	175.1#

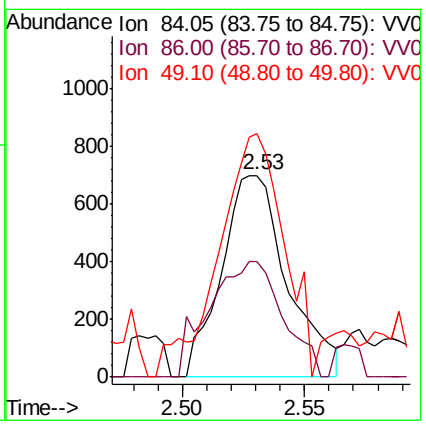


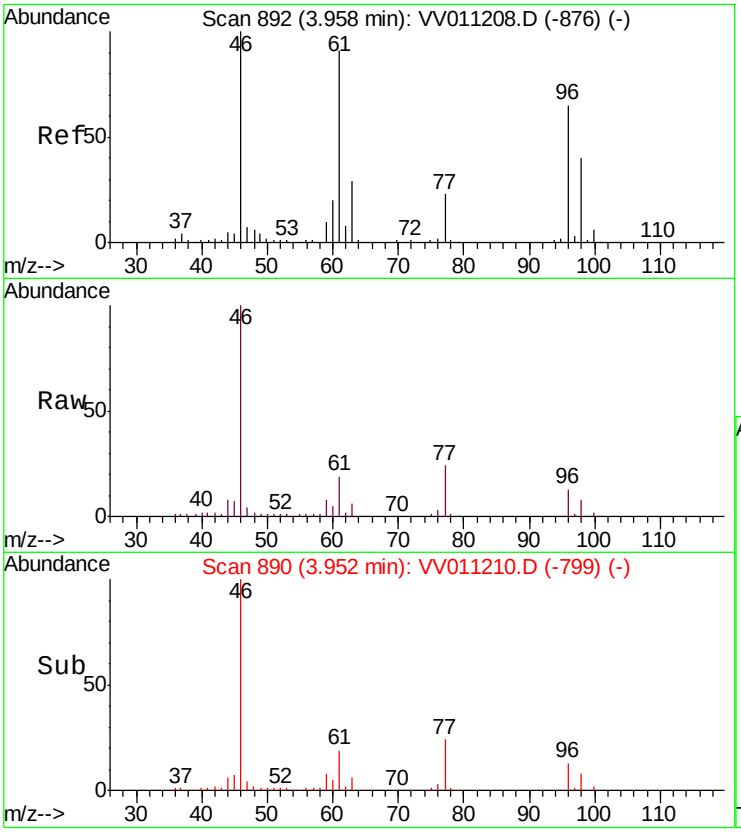


#16
Methylene chloride
Concen: 0.113 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion: 84 Resp: 1314

Ion	Ratio	Lower	Upper
84	100		
86	57.3	44.9	83.3
49	120.7	102.1	189.5



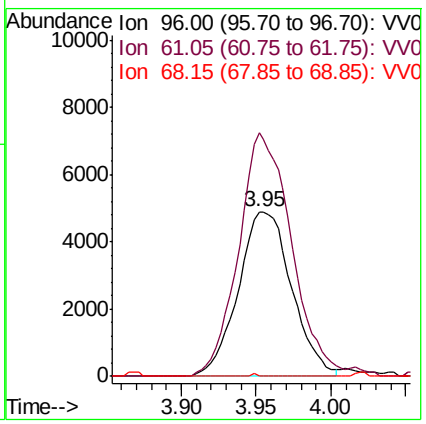


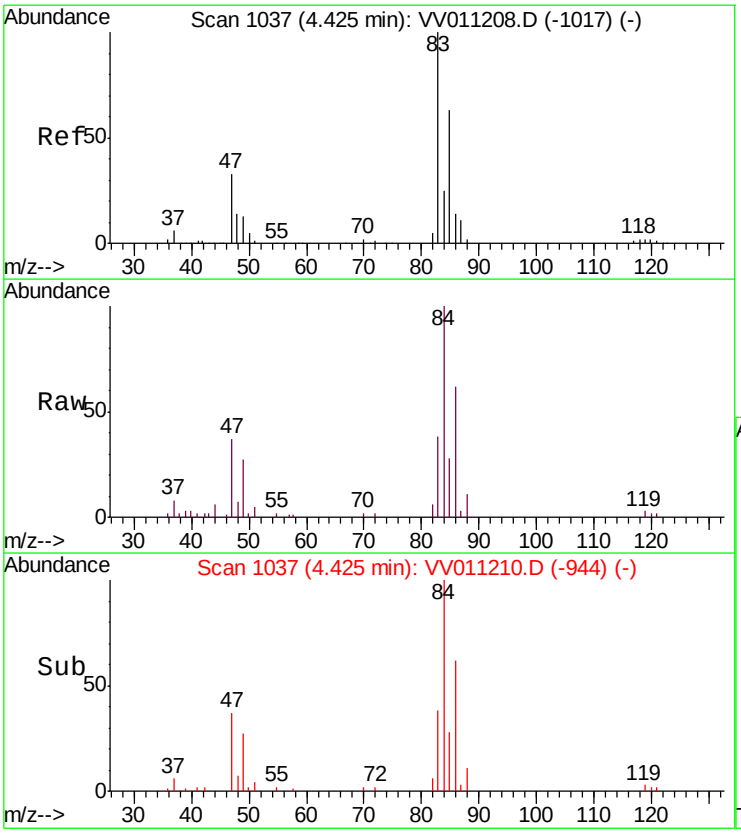
#22
cis-1,2-Dichloroethene
Concen: 0.870 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.01 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tgt Ion: 96 Resp: 12146

Ion	Ratio	Lower	Upper
96	100		
61	147.8	100.8	187.2
68	0.0	0.0	0.0

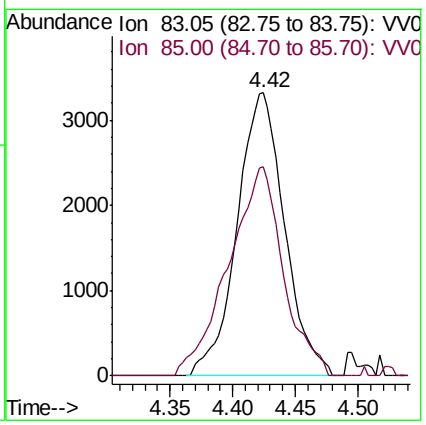


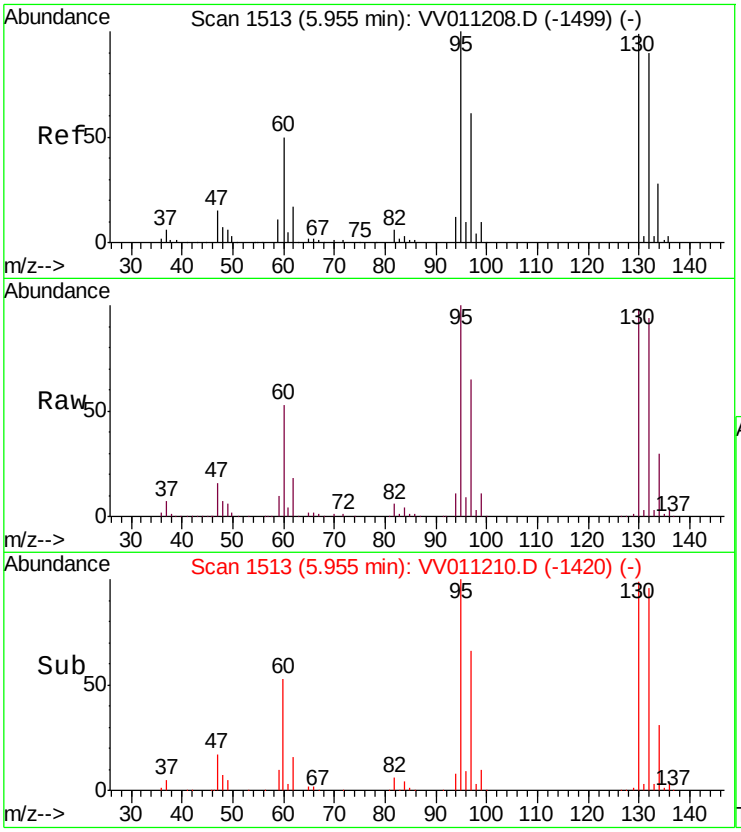


#25
Chloroform
Concen: 0.340 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion: 83 Resp: 8741

Ion	Ratio	Lower	Upper
83	100		
85	73.8	44.1	81.9



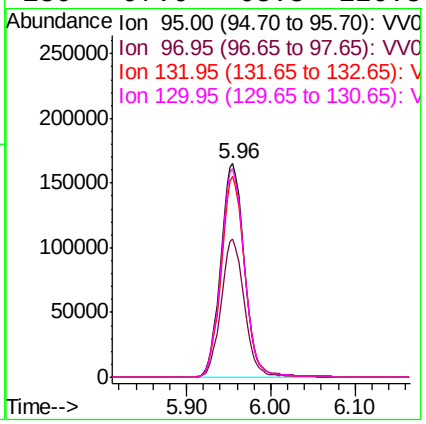


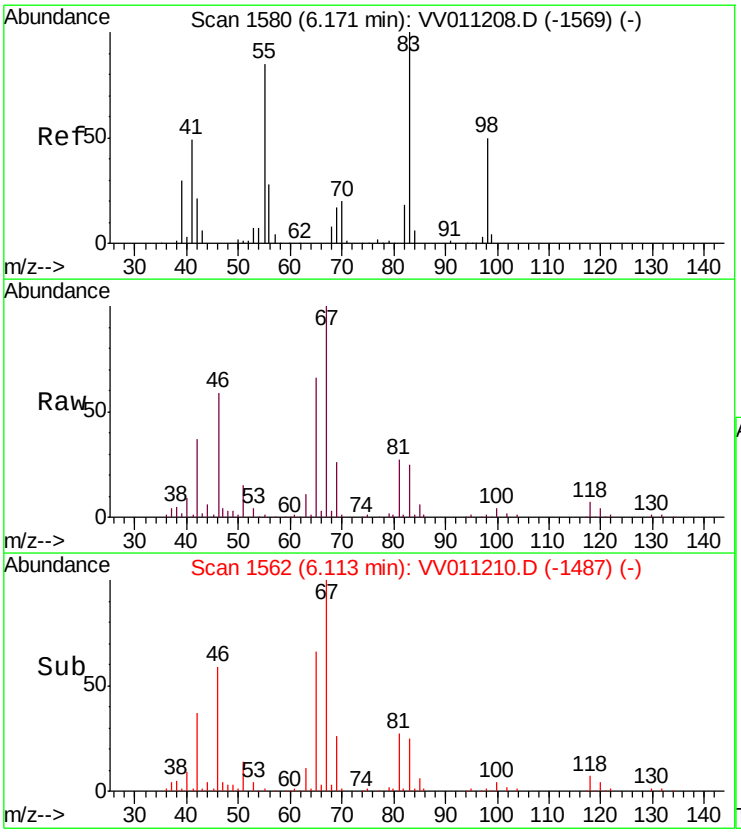
#34
Trichloroethene
Concen: 24.150 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tgt Ion: 95 Resp: 322410

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	94.3	66.4	123.2
130	97.6	68.3	126.8

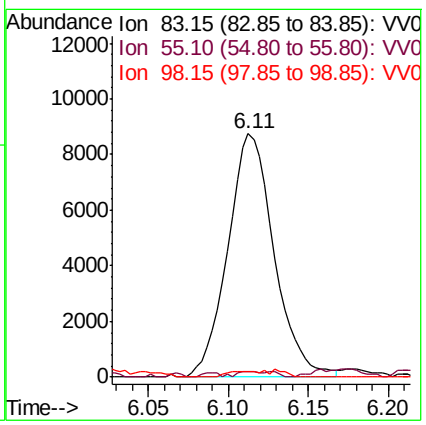


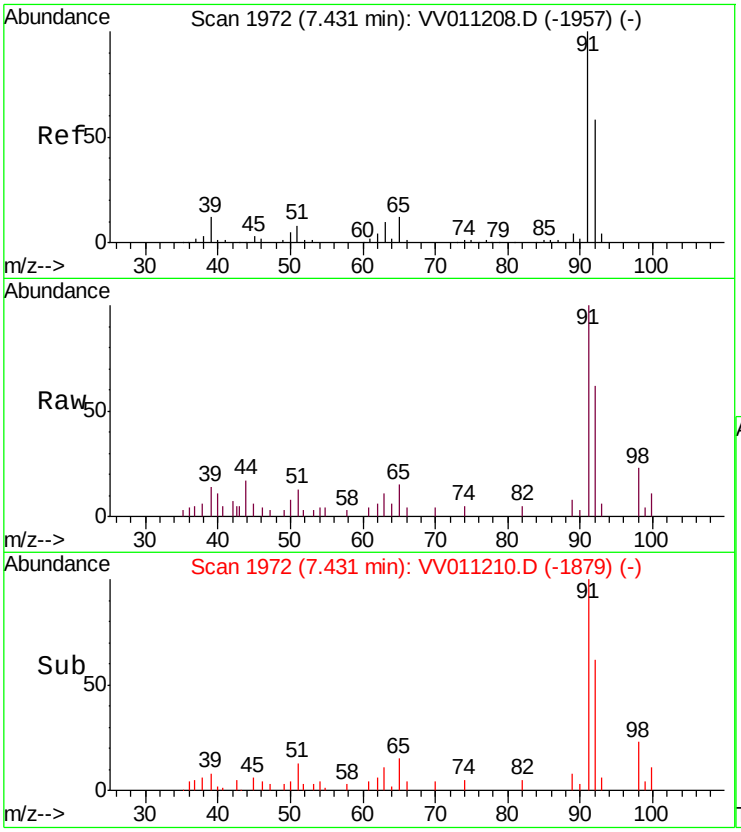


#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion: 83 Resp: 17280

Ion	Ratio	Lower	Upper
83	100		
55	1.2	67.0	100.6#
98	0.0	40.0	60.0#



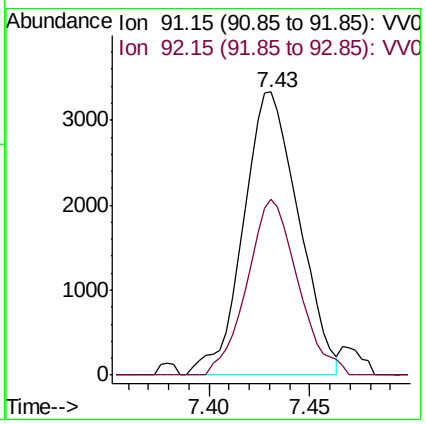


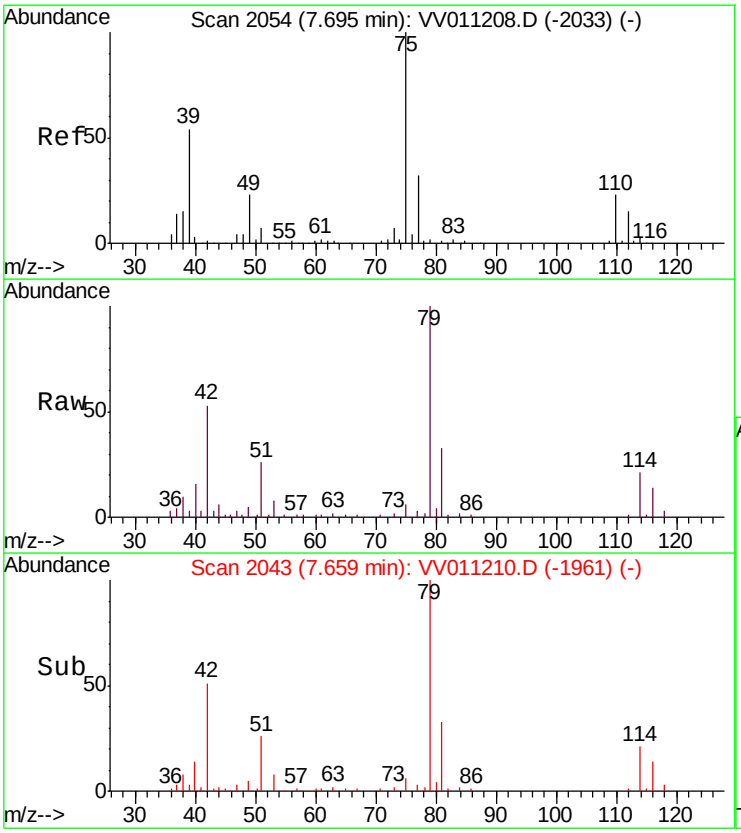
#42
Toluene
Concen: 0.115 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tgt Ion: 91 Resp: 6351

Ion	Ratio	Lower	Upper
91	100		
92	62.3	39.9	74.1

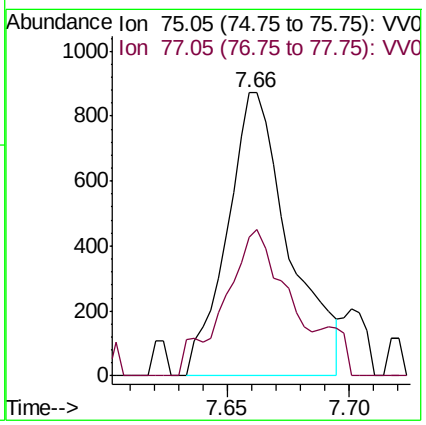


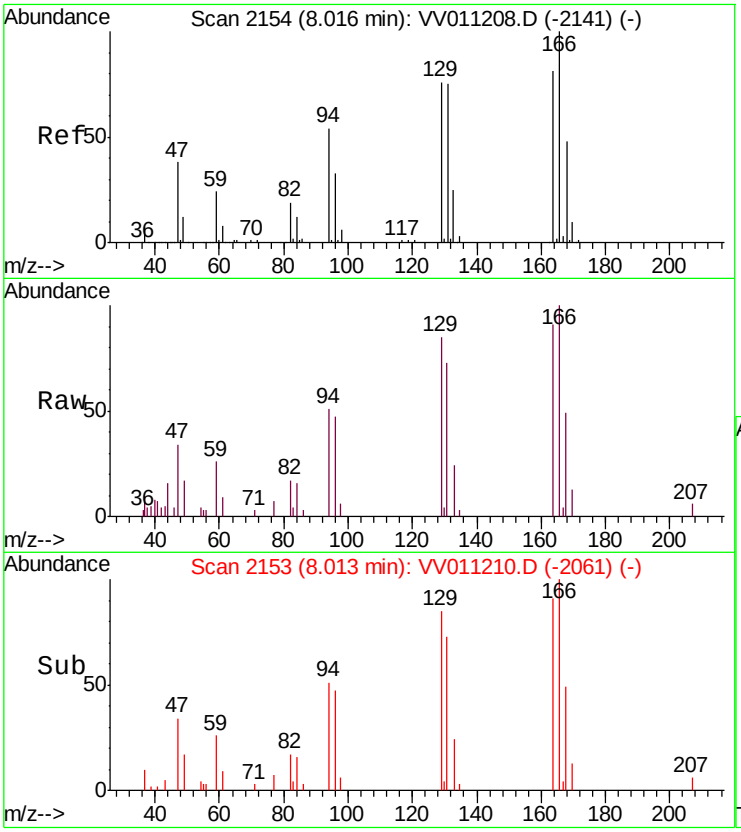


#44
trans-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion: 75 Resp: 1542

Ion	Ratio	Lower	Upper
75	100		
77	48.9	23.1	42.9#



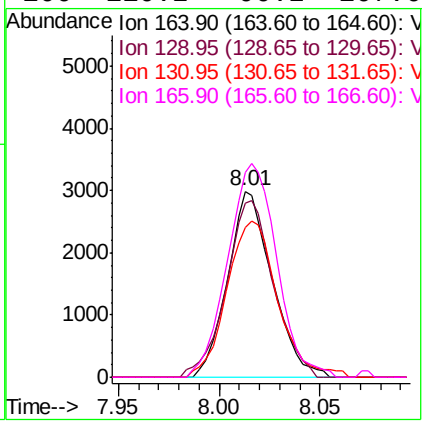


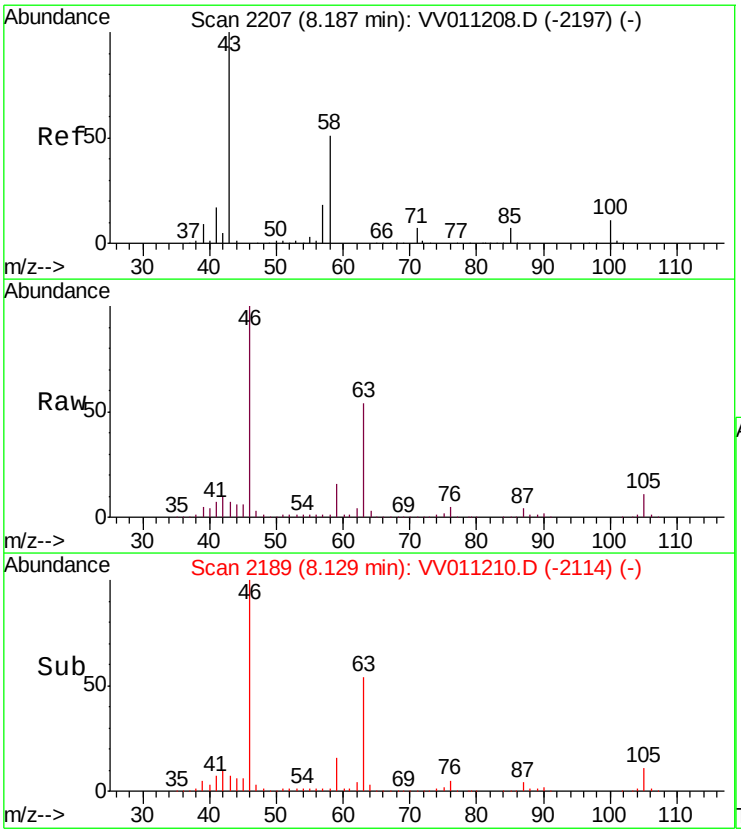
#47
Tetrachloroethene
Concen: 0.479 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tgt Ion:164 Resp: 4626

Ion	Ratio	Lower	Upper
164	100		
129	93.6	69.9	129.9
131	80.6	66.8	124.2
166	110.2	90.2	167.6

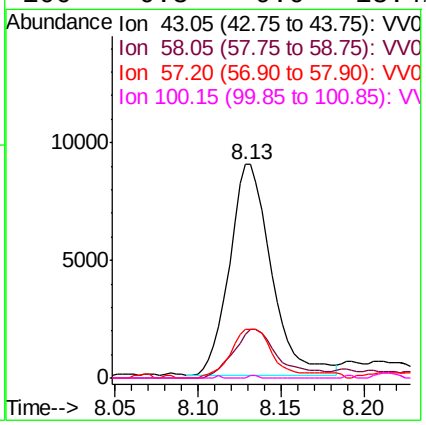


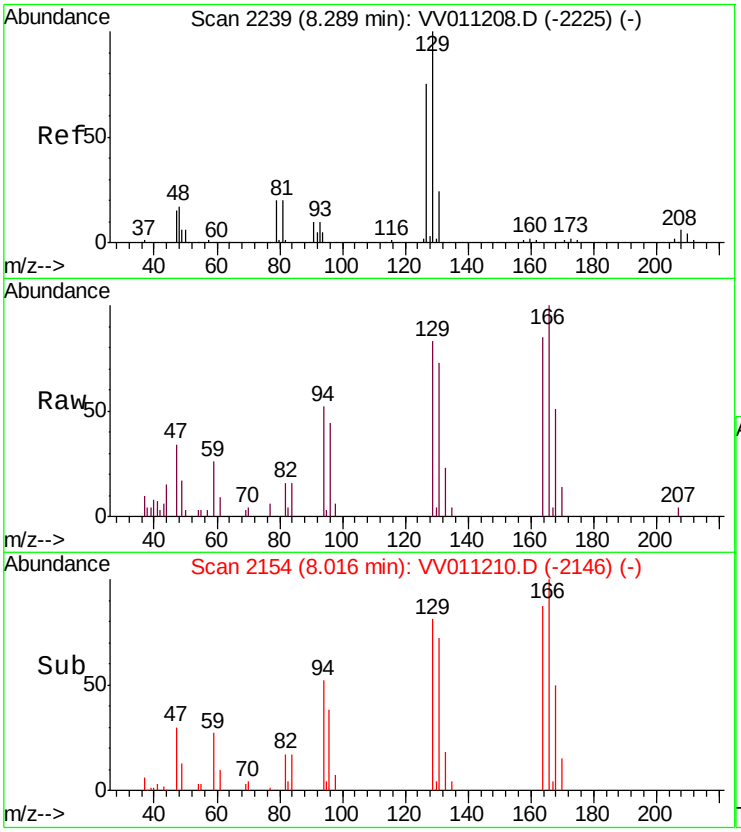


#48
2-Hexanone
Concen: 2.754 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.06 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Tgt Ion: 43 Resp: 15731

Ion	Ratio	Lower	Upper
43	100		
58	25.4	41.4	62.0#
57	23.9	15.0	22.4#
100	0.3	9.0	13.4#





#49
Dibromochloromethane
Concen: 0.465 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011210.D
Acq: 04 Jun 2019 17:31

Instrument :
MSVOA_V
ClientSampleId :
GALD9

Tgt Ion:129 Resp: 4353

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#