Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070319\

Quantitation Report (Not Reviewed)

Data File : VV011823.D
Acq On : 03 Jul 2019 10:54
Operator : SY/MD
Sample : K3608-07DL 4X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAML6DL

Quant Time: Jul 03 23:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163675	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	156136	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67952	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50304	4.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.40%			
7) Chloroethane-d5	1.58	69	42728	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.13	63	75860	3.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.40%			
20) 2-Butanone-d5	3.95	46	131795	48.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.90%			
24) Chloroform-d	4.40	84	99627	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.08	65	54584	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.09	84	196753	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.12	67	62894	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.36	98	169883	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
43) trans-1,3-Dichloropropene-	7.66	79	20196	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.13	63	99350	48.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.48%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41365	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	62007	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	920	0.086	ug/L #	29
16) Methylene chloride	2.53	84	3044	0.257	ug/L	94
25) Chloroform	4.42	83	5433	0.228	ug/L	98
34) Trichloroethene	5.96	95	86844	7.181	ug/L	99
35) Methylcyclohexane	6.11	83	14820	0.749	ug/L #	16
47) Tetrachloroethene	8.02	164	14187	1.491	ug/L	98
48) 2-Hexanone	8.13	43	13970	2.685	ug/L #	74
49) Dibromochloromethane	8.02	129	13089	1.614	ug/L #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070319\

Quantitation Report (Not Reviewed)

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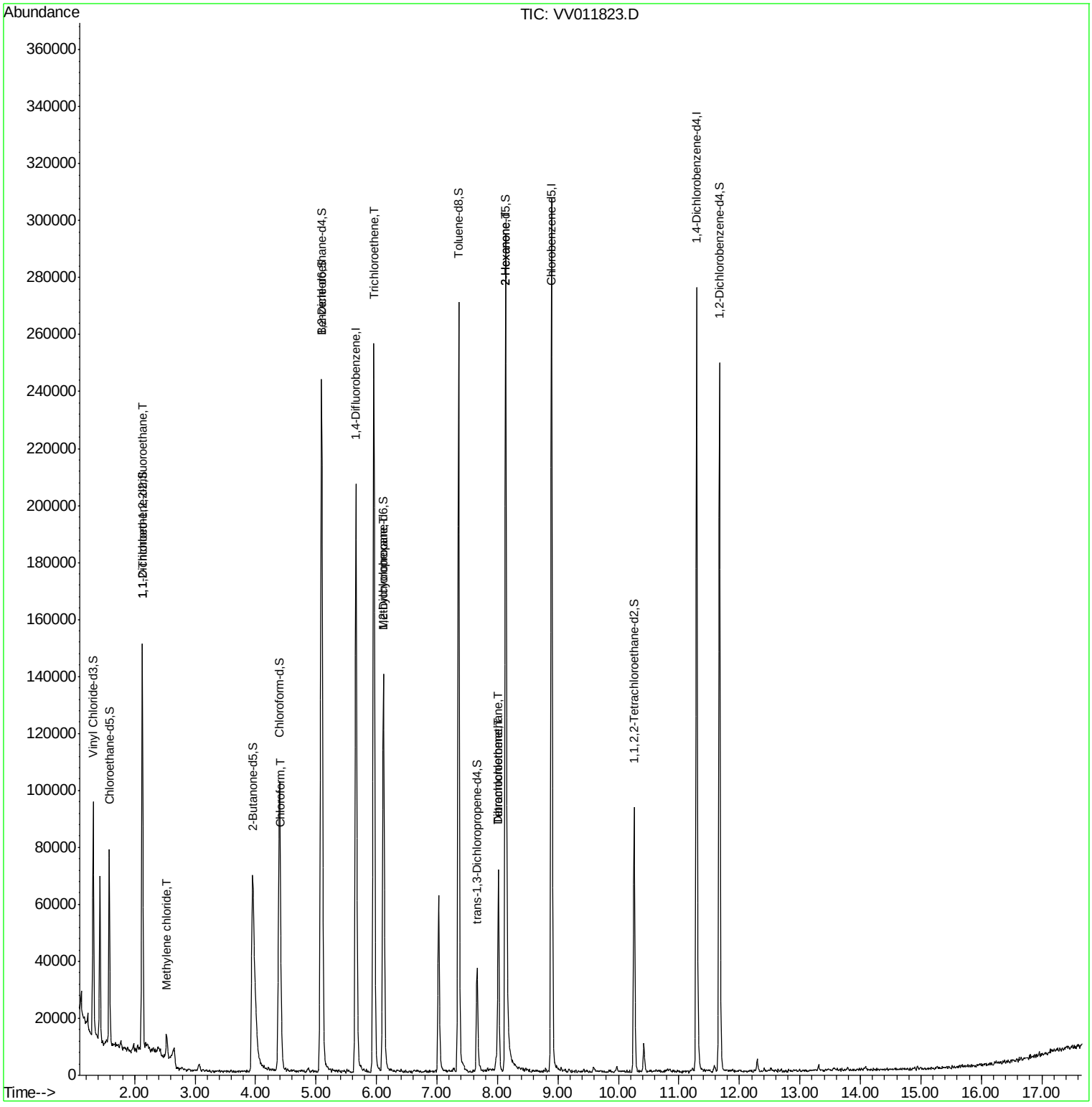
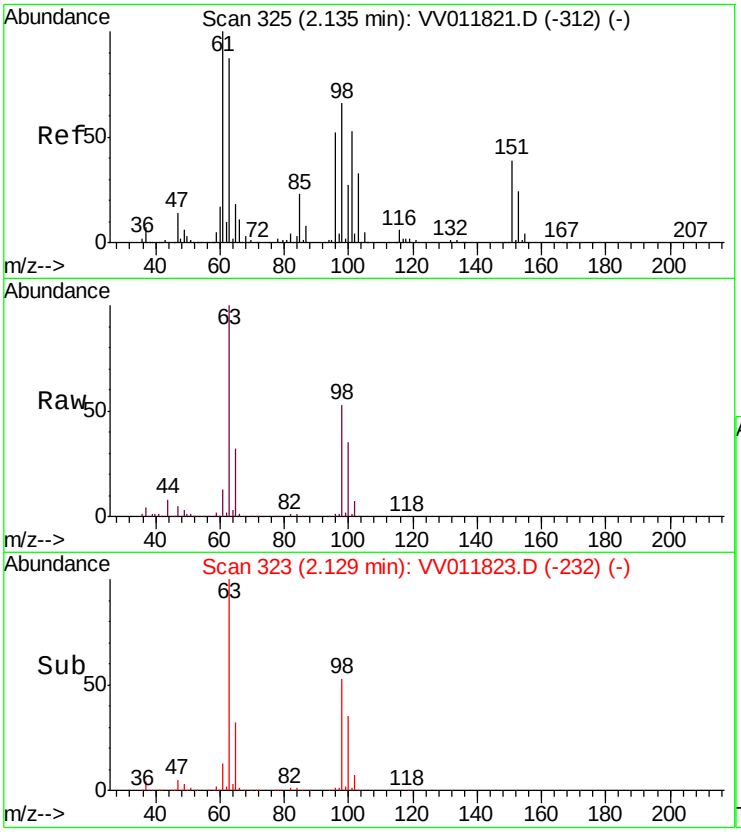
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAML6DL

Quant Time: Jul 03 23:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration



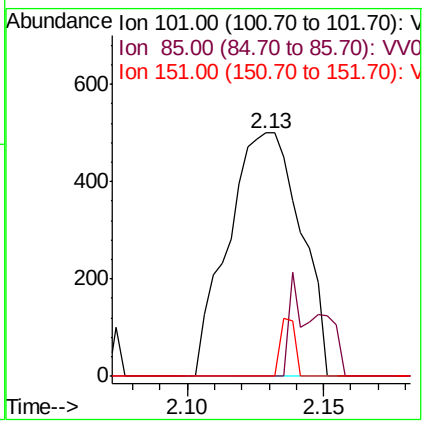


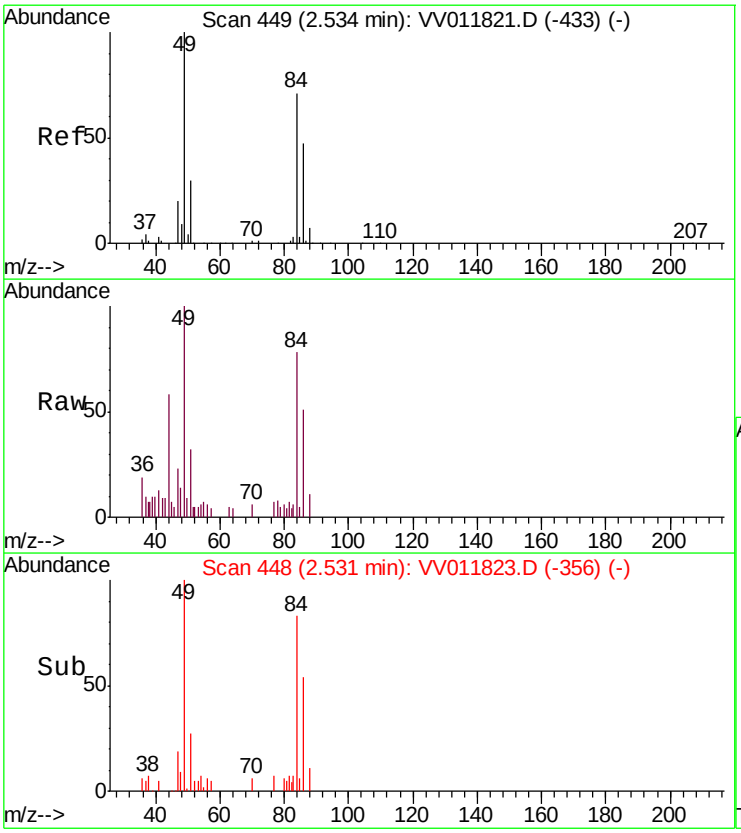
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Instrument :
MSVOA_V
ClientSampleId :
GAML6DL

Tgt Ion:101 Resp: 920

Ion	Ratio	Lower	Upper
101	100		
85	8.9	34.8	52.2#
151	4.9	58.2	87.4#

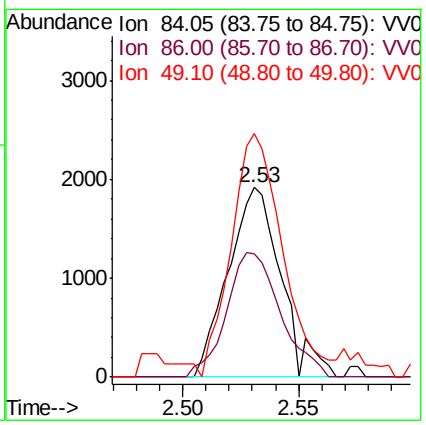


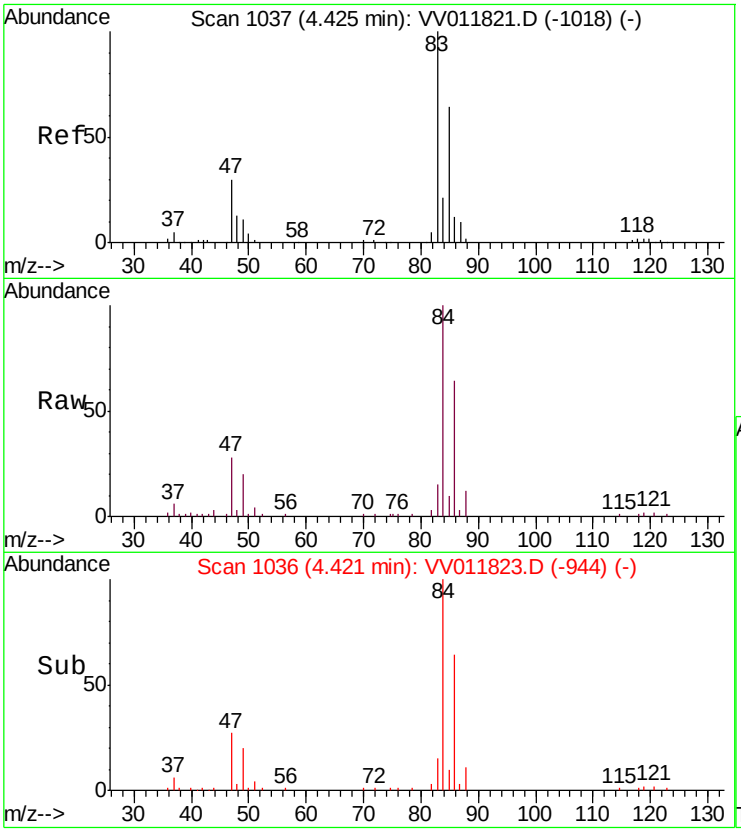


#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Tgt Ion: 84 Resp: 3044

Ion	Ratio	Lower	Upper
84	100		
86	64.9	44.5	82.7
49	128.4	97.2	180.6



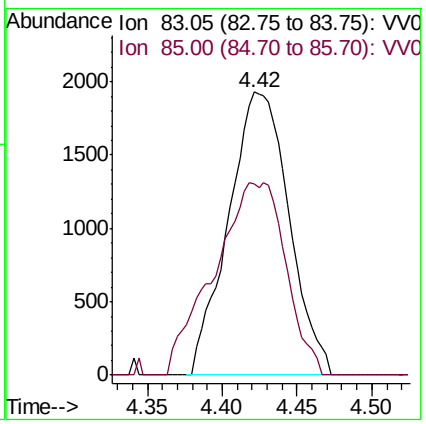


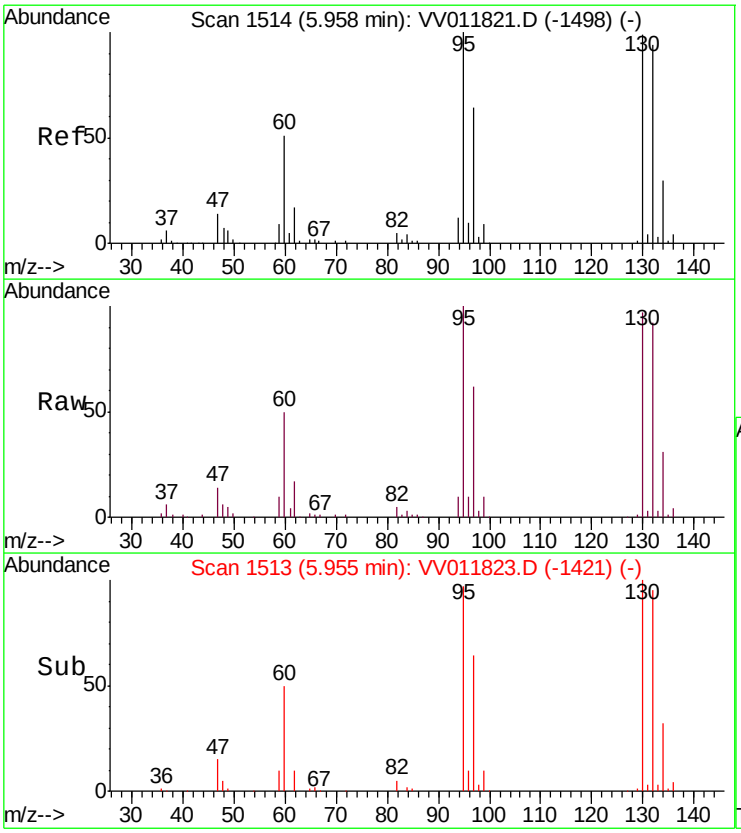
#25
Chloroform
Concen: 0.228 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Instrument :
MSVOA_V
ClientSampleId :
GAML6DL

Tgt Ion: 83 Resp: 5433

Ion	Ratio	Lower	Upper
83	100		
85	67.4	45.9	85.3

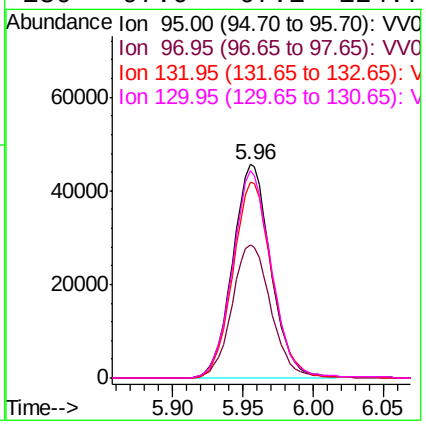


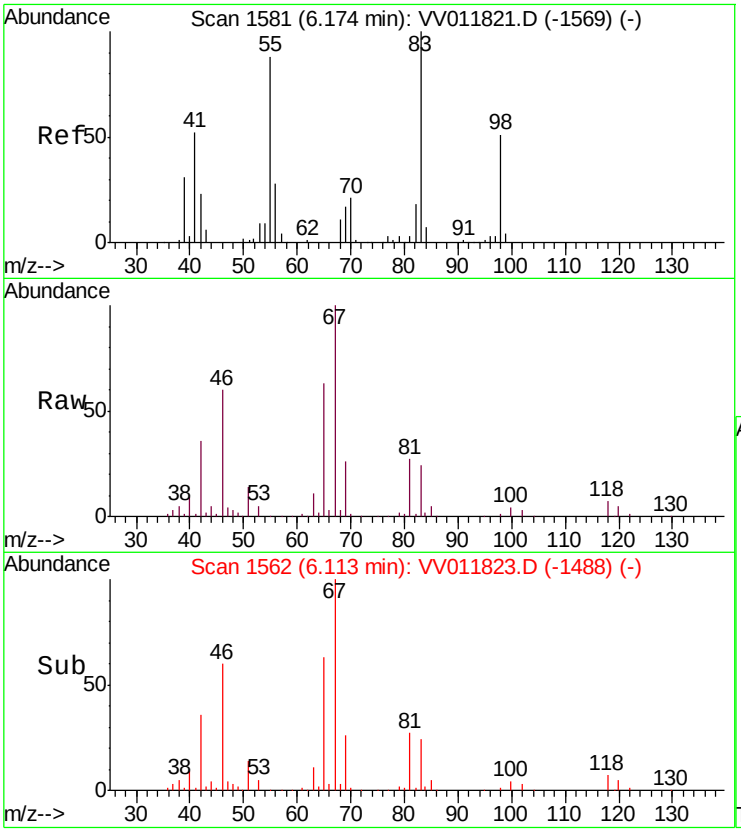


#34
Trichloroethene
Concen: 7.181 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Tgt Ion: 95 Resp: 86844

Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.7	81.1
132	91.7	63.7	118.3
130	97.0	67.1	124.7



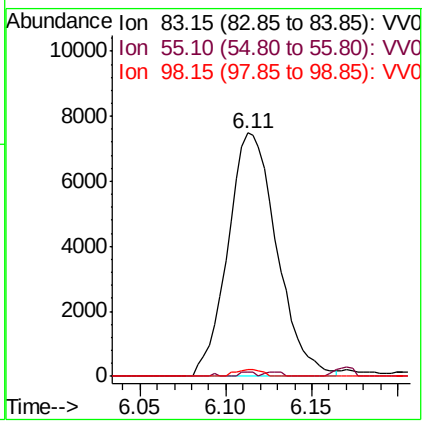


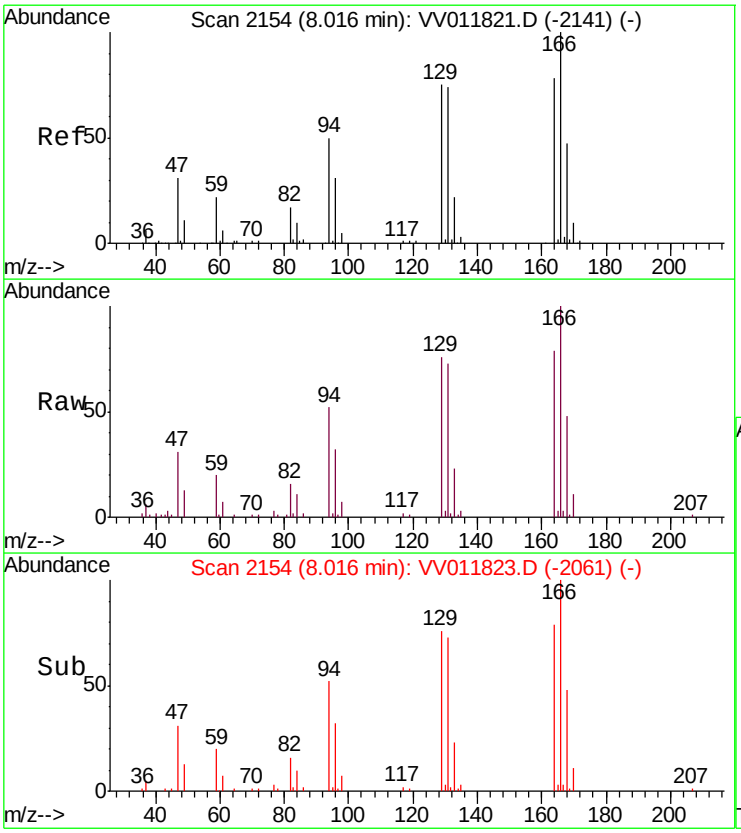
#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Instrument :
MSVOA_V
ClientSampleId :
GAML6DL

Tgt Ion: 83 Resp: 14820

Ion	Ratio	Lower	Upper
83	100		
55	0.5	67.8	101.6#
98	1.4	39.8	59.8#

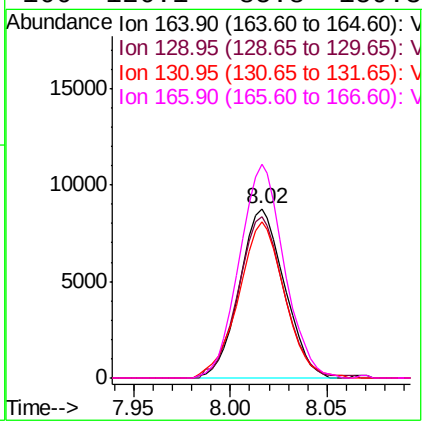


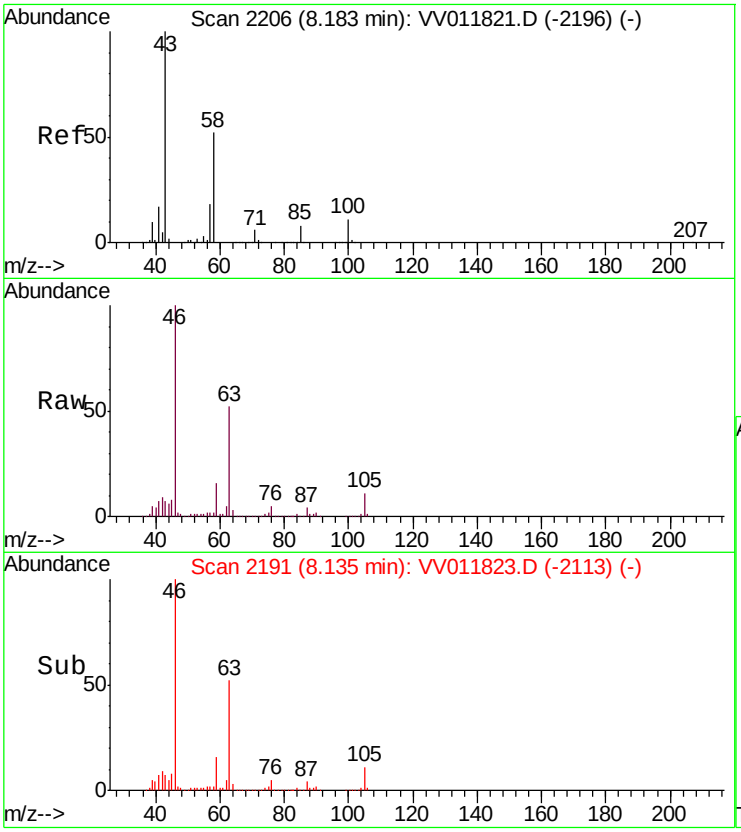


#47
Tetrachloroethene
Concen: 1.491 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Tgt Ion:164 Resp: 14187

Ion	Ratio	Lower	Upper
164	100		
129	95.2	65.7	121.9
131	92.1	63.2	117.4
166	126.1	85.8	159.3



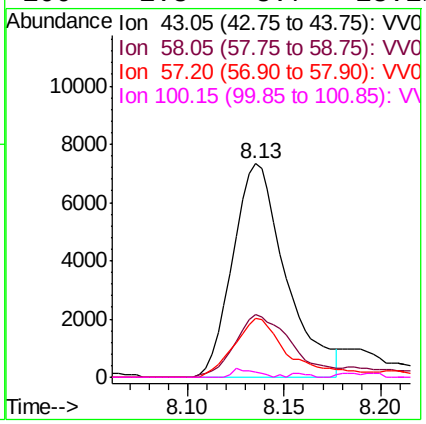


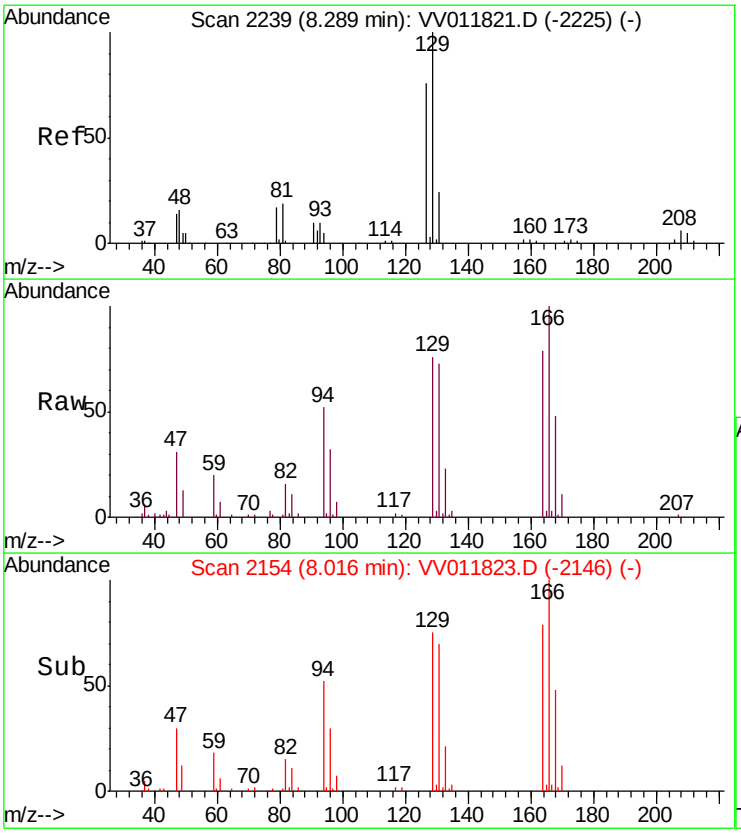
#48
2-Hexanone
Concen: 2.685 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Instrument : MSVOA_V
ClientSampleId : GAML6DL

Tgt Ion: 43 Resp: 13970

Ion	Ratio	Lower	Upper
43	100		
58	31.7	40.9	61.3#
57	28.6	14.3	21.5#
100	1.8	8.7	13.1#





#49
Dibromochloromethane
Concen: 1.614 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011823.D
Acq: 03 Jul 2019 10:54

Tgt Ion:129 Resp: 13089

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#