Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\

Quantitation Report (Not Reviewed)

Data File : VV012844.D
Acq On : 16 Sep 2019 18:43
Operator : SY/MD
Sample : K4682-13MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0BL7MS

Quant Time: Sep 17 07:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391550	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150833	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	158517	5.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.80%			
7) Chloroethane-d5	1.58	69	142331	6.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 134.00%#			
11) 1,1-Dichloroethene-d2	2.13	63	265725	5.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 118.40%			
20) 2-Butanone-d5	3.97	46	385245	102.78	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 205.56%#			
24) Chloroform-d	4.40	84	153713	3.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.20%			
26) 1,2-Dichloroethane-d4	5.08	65	152737	7.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 155.80%#			
32) Benzene-d6	5.10	84	581847	6.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 137.20%#			
36) 1,2-Dichloropropane-d6	6.12	67	184494	7.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 143.00%#			
41) Toluene-d8	7.36	98	456725	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.00%			
43) trans-1,3-Dichloropropene-	7.66	79	60674	7.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 145.60%#			
46) 2-Hexanone-d5	8.14	63	183323	78.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 156.88%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24007	1.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 33.80%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	167543	8.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 160.20%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2225	0.096	ug/L #	22
12) 1,1-Dichloroethene	2.14	96	132896	6.214	ug/L	93
14) Carbon disulfide	2.31	76	20383	0.443	ug/L	98
25) Chloroform	4.42	83	139983	2.606	ug/L	95
27) 1,2-Dichloroethane	5.10	62	3281	0.118	ug/L	96
33) Benzene	5.14	78	599228	6.110	ug/L	100
34) Trichloroethene	5.96	95	149864	5.355	ug/L	98
35) Methylcyclohexane	6.12	83	43267	1.258	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	20804	0.788	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	4104	0.125	ug/L #	69
42) Toluene	7.43	91	609595	6.079	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2765	0.106	ug/L #	78
48) 2-Hexanone	8.19	43	98886	8.890	ug/L #	88
51) Chlorobenzene	8.92	112	391094	5.646	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091619\

Quantitation Report (Not Reviewed)

Data File : VV012844.D
Acq On : 16 Sep 2019 18:43
Operator : SY/MD
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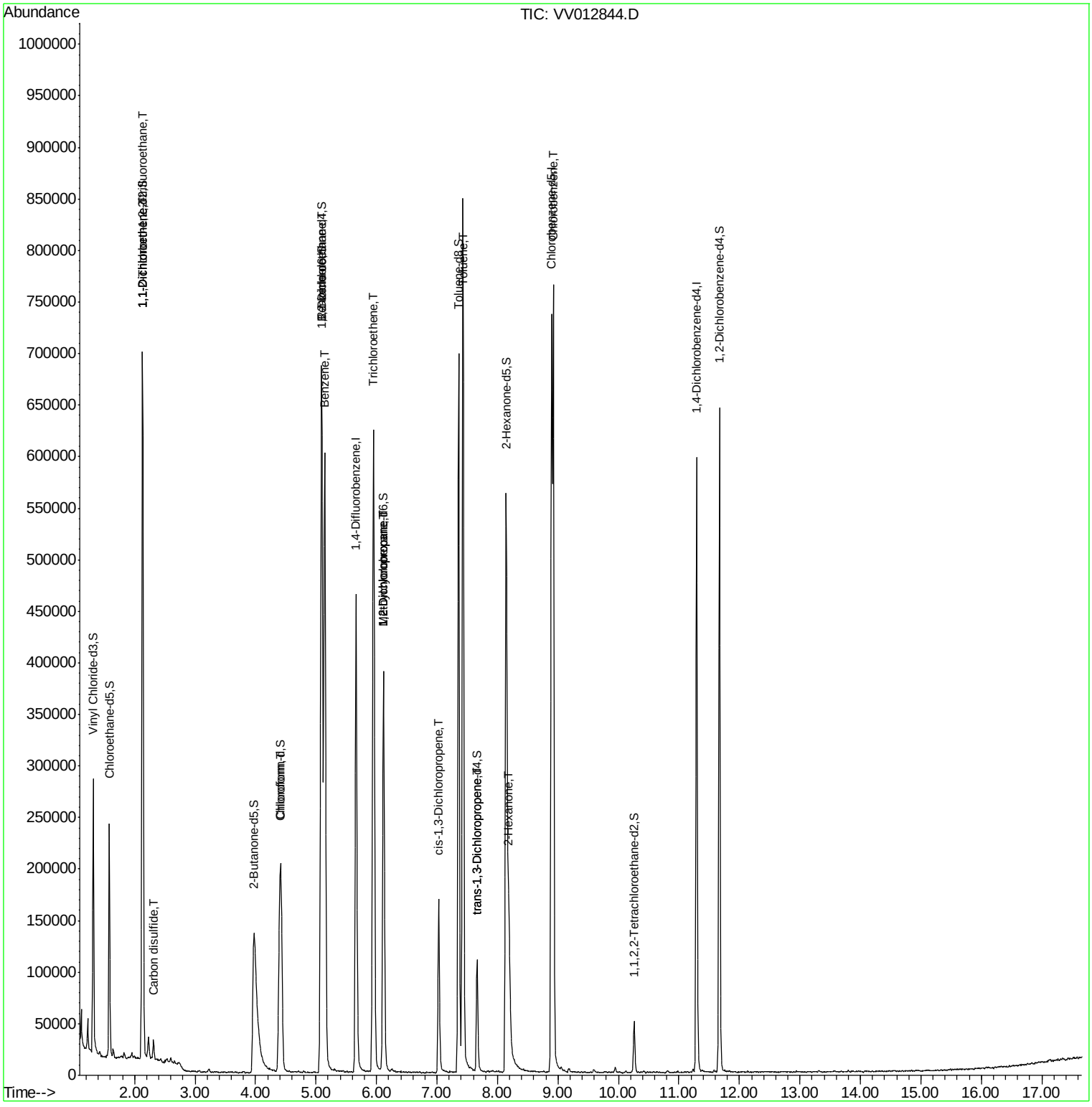
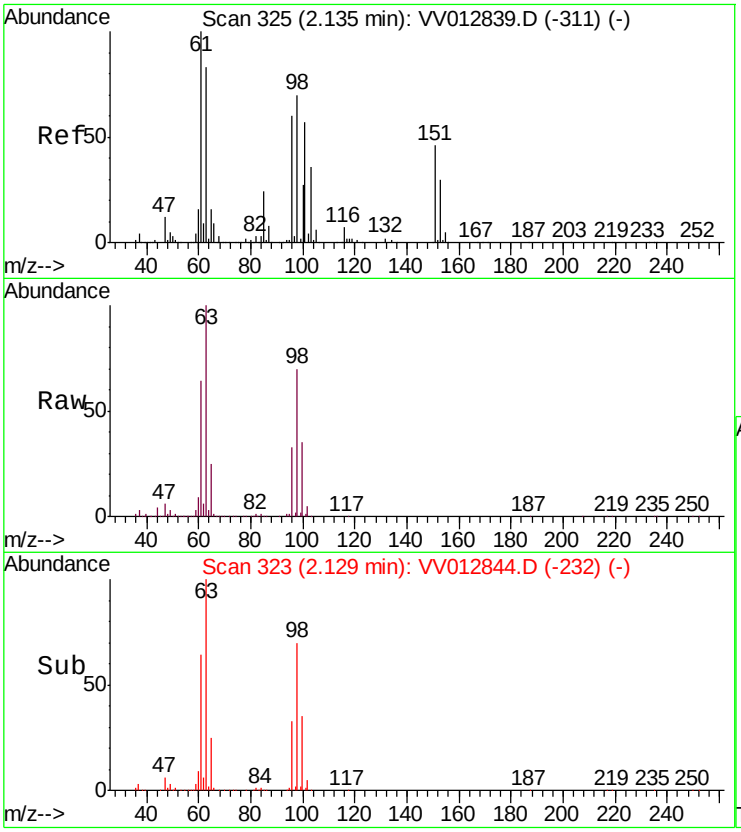
Instrument :
MSVOA_V
ClientSampleId :
H0BL7MS

Quant Time: Sep 17 07:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration



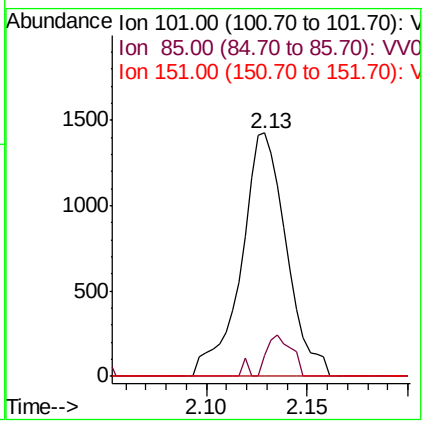


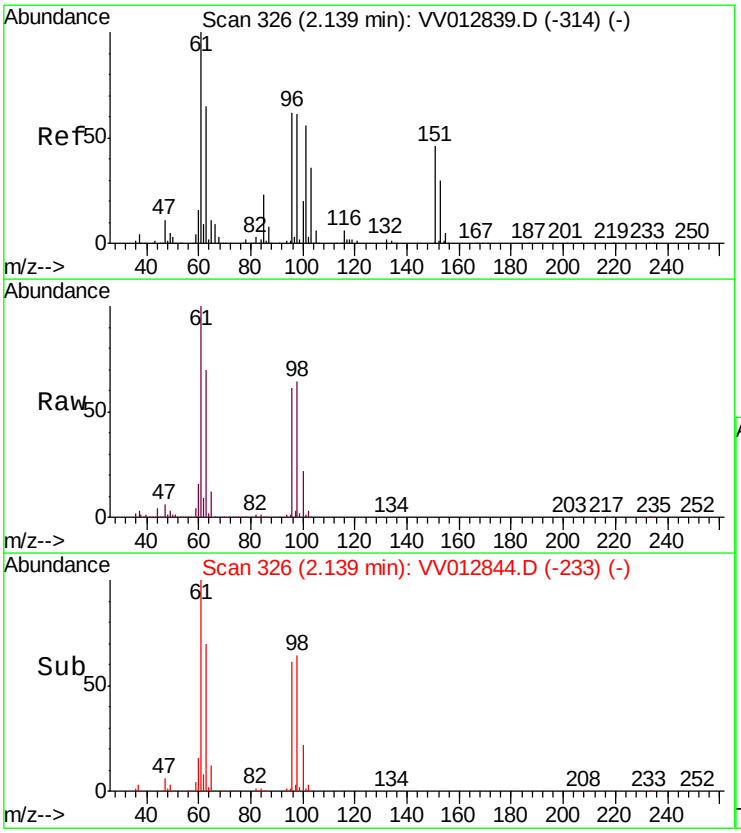
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.096 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument : MSVOA_V
ClientSampleId : H0BL7MS

Tgt Ion:101 Resp: 2225

Ion	Ratio	Lower	Upper
101	100		
85	9.4	32.9	49.3#
151	0.0	65.0	97.6#

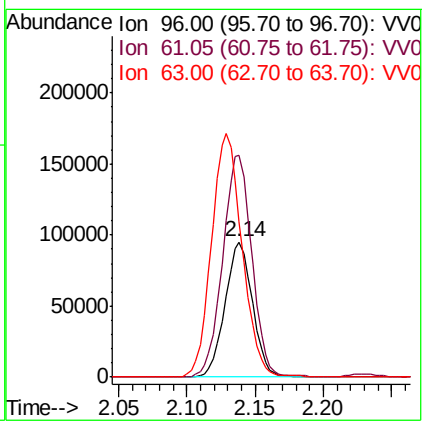


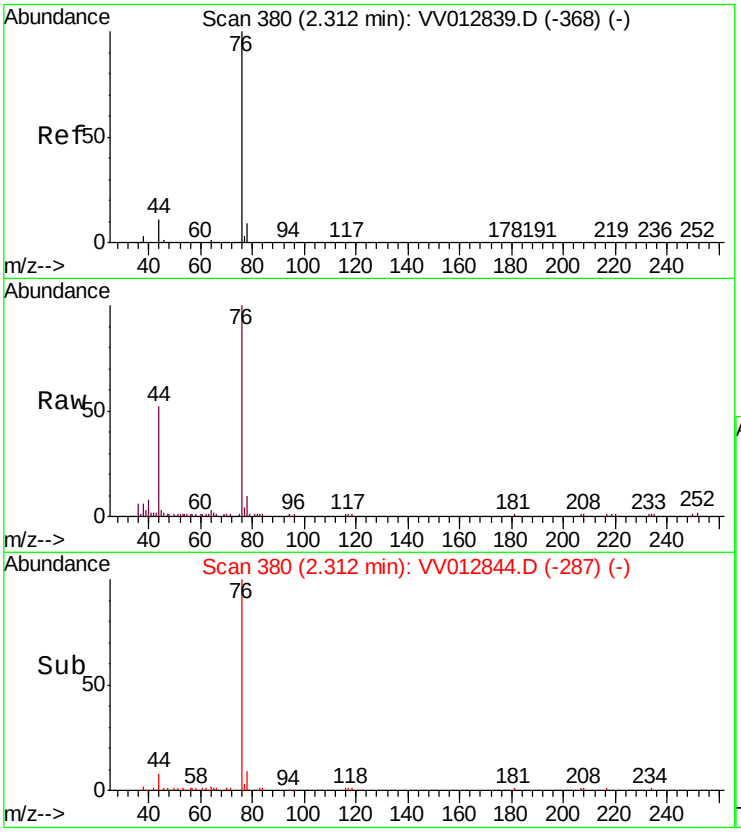


#12
1,1-Dichloroethene
Concen: 6.214 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 96 Resp: 132896

Ion	Ratio	Lower	Upper
96	100		
61	164.5	120.1	223.1
63	114.6	88.3	164.1



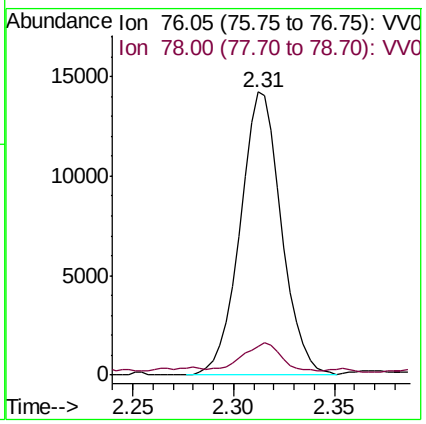


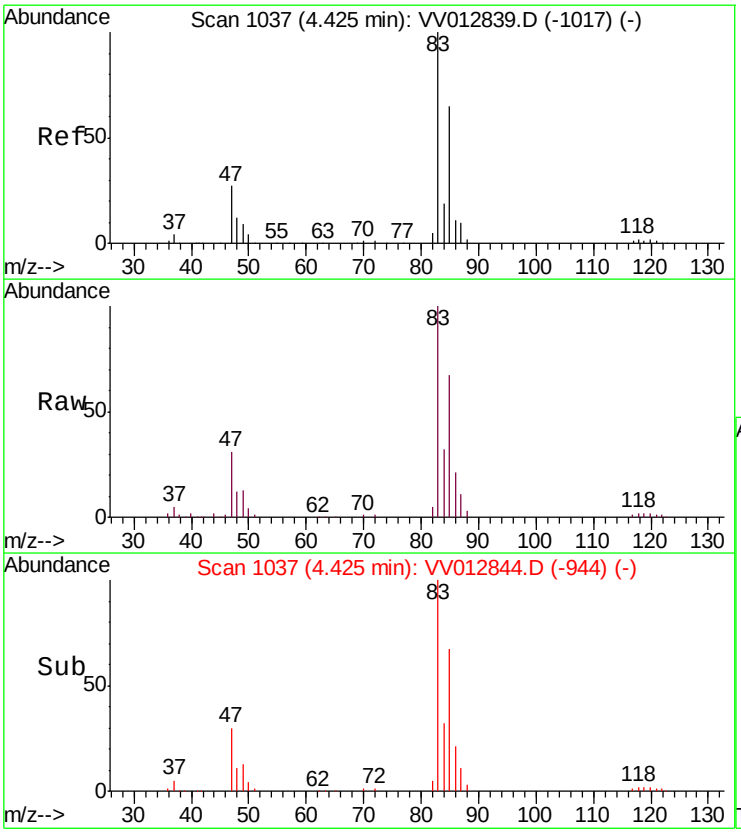
#14
Carbon disulfide
Concen: 0.443 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument : MSVOA_V
ClientSampleId : H0BL7MS

Tgt Ion: 76 Resp: 20383

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.6	11.4

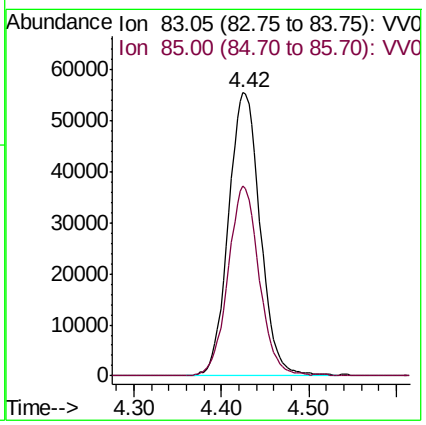


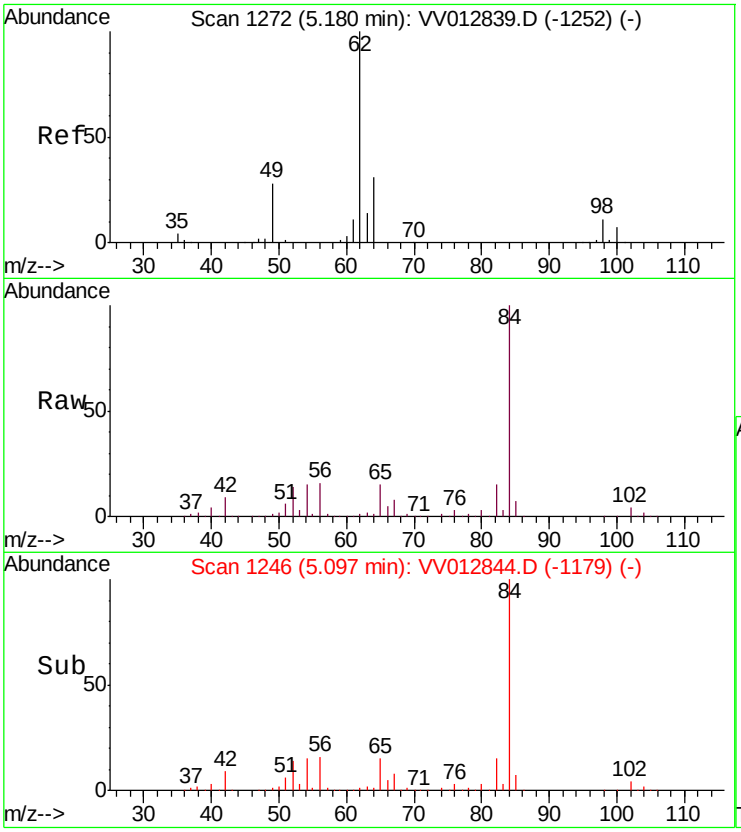


#25
Chloroform
Concen: 2.606 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 83 Resp: 139983

Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.4	82.5



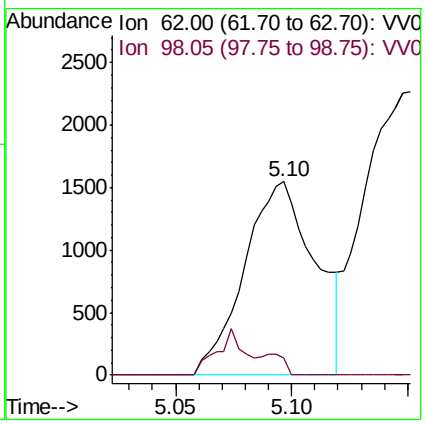


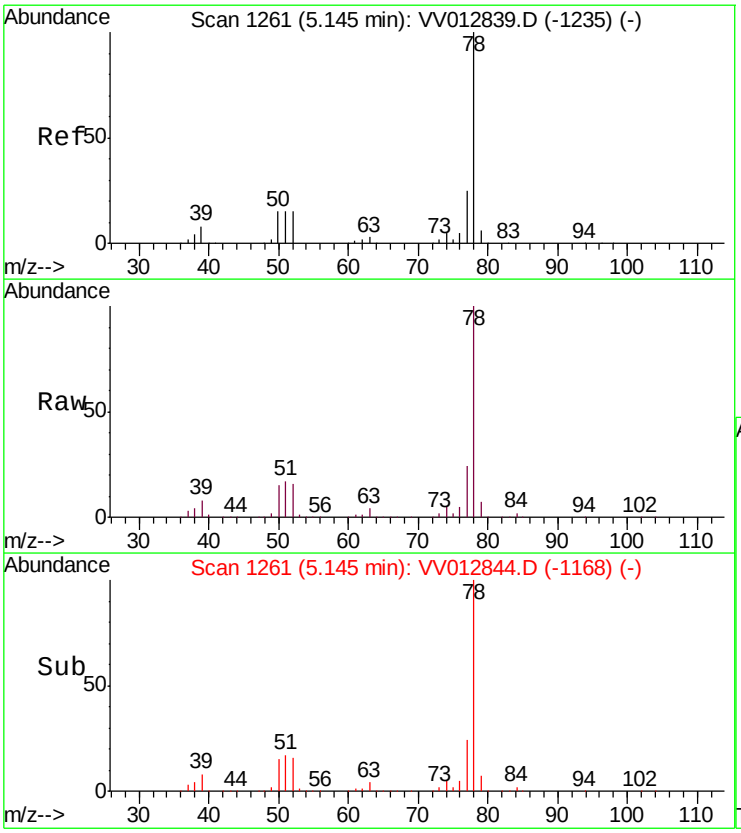
#27
1,2-Dichloroethane
Concen: 0.118 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
H0BL7MS

Tgt Ion: 62 Resp: 3281

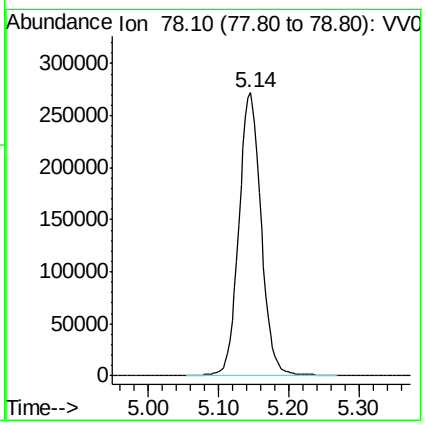
Ion	Ratio	Lower	Upper
62	100		
98	8.9	8.3	12.5

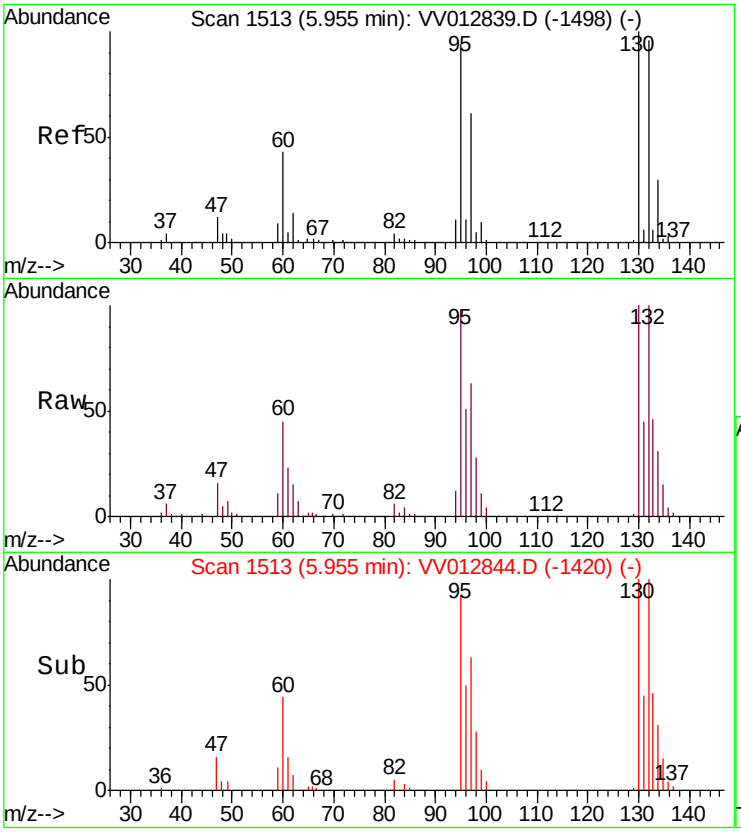




#33
Benzene
Concen: 6.110 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 78 Resp: 599228



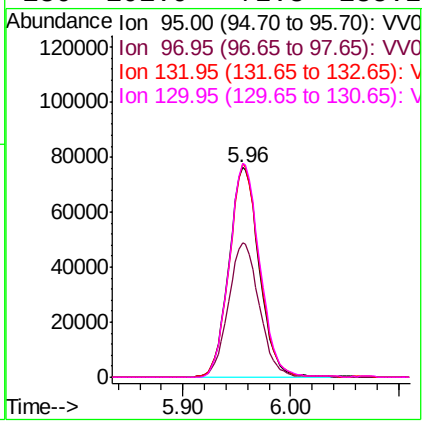


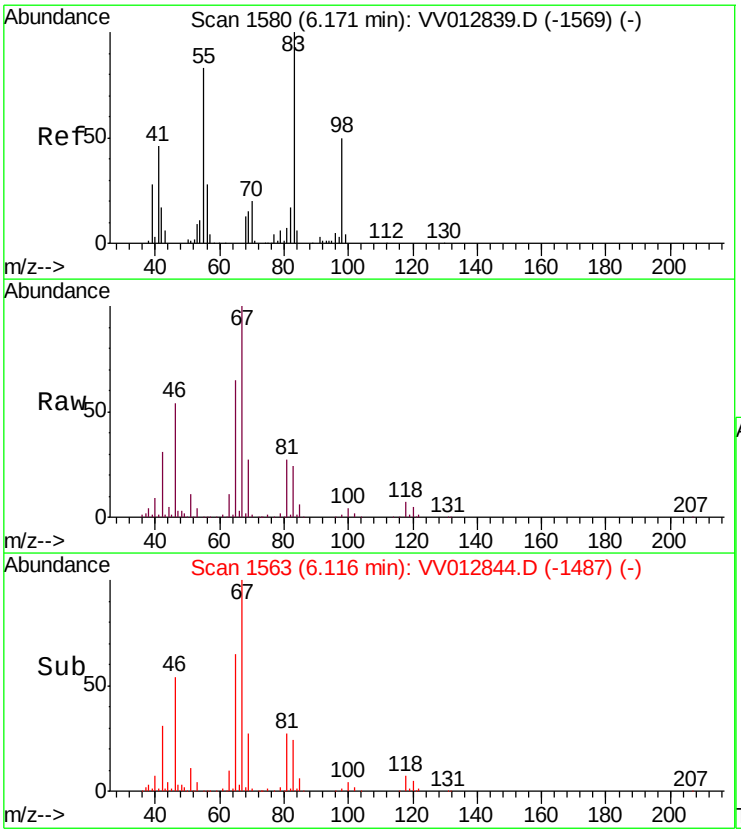
#34
Trichloroethene
Concen: 5.355 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
H0BL7MS

Tgt Ion: 95 Resp: 149864

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	101.9	69.0	128.1
130	101.9	72.8	135.2

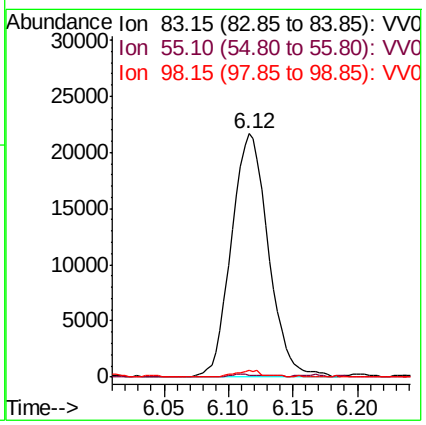


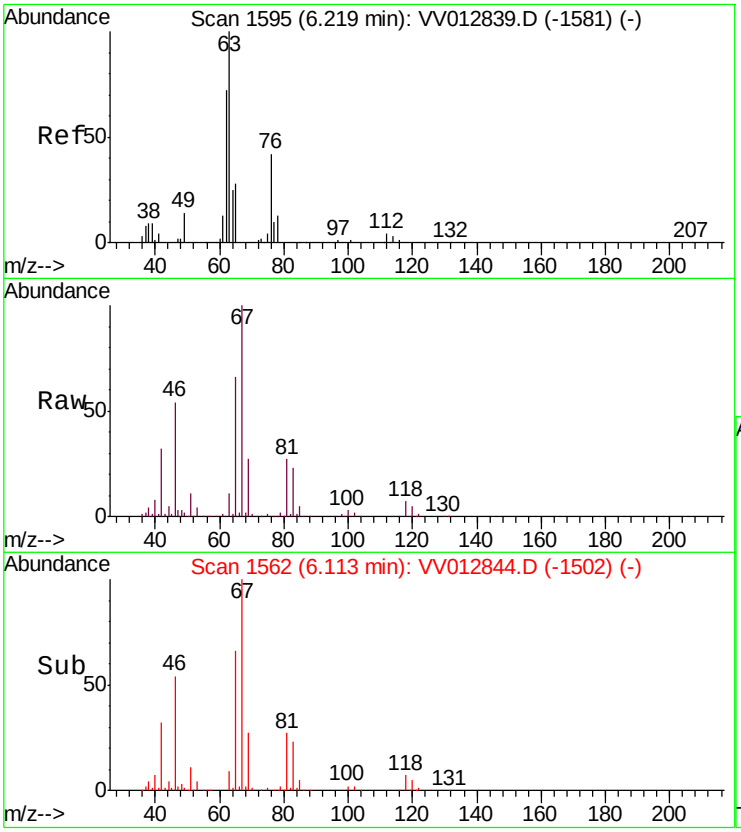


#35
Methylcyclohexane
Concen: 1.258 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 83 Resp: 43267

Ion	Ratio	Lower	Upper
83	100		
55	0.6	65.4	98.2#
98	0.0	39.0	58.4#



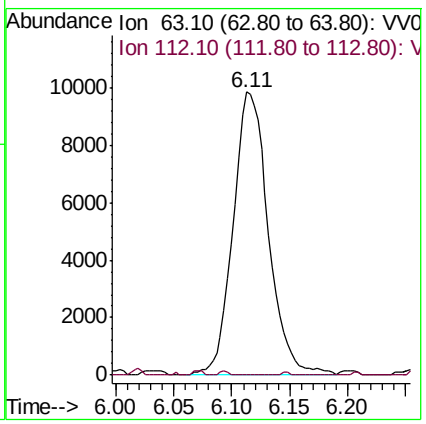


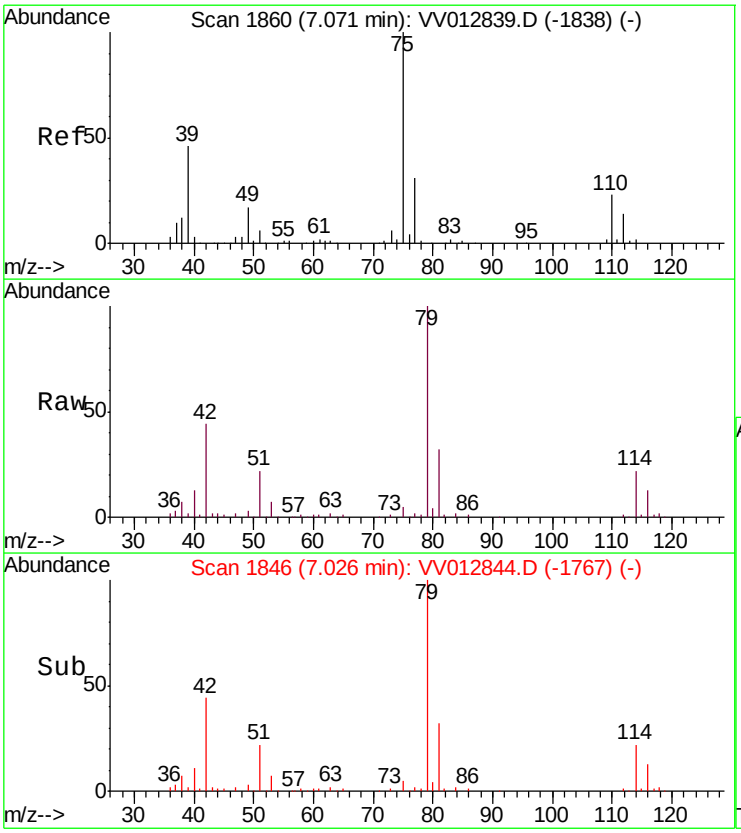
#37
1,2-Dichloropropane
Concen: 0.788 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
H0BL7MS

Tgt Ion: 63 Resp: 20804

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.2	6.2#

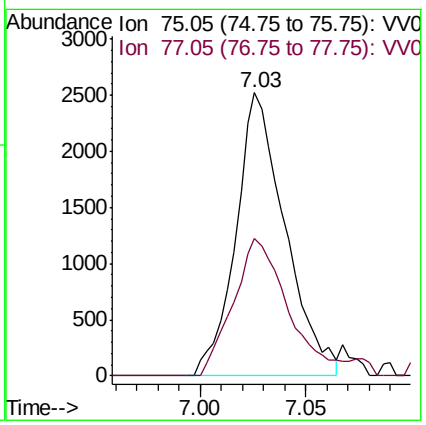


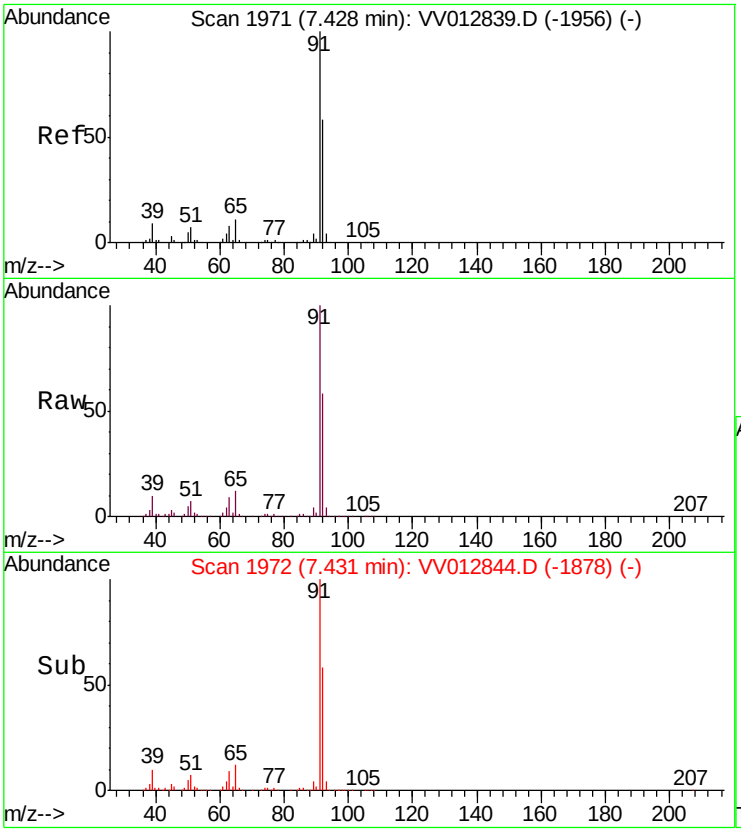


#39
cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 75 Resp: 4104

Ion	Ratio	Lower	Upper
75	100		
77	48.6	21.8	40.6#



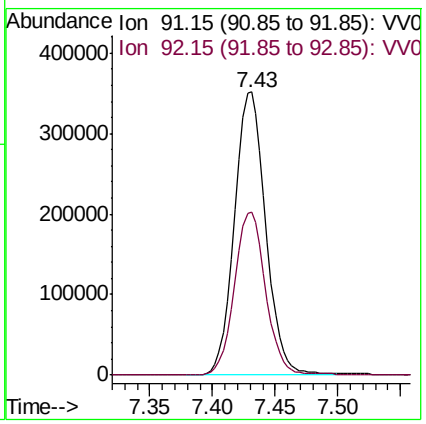


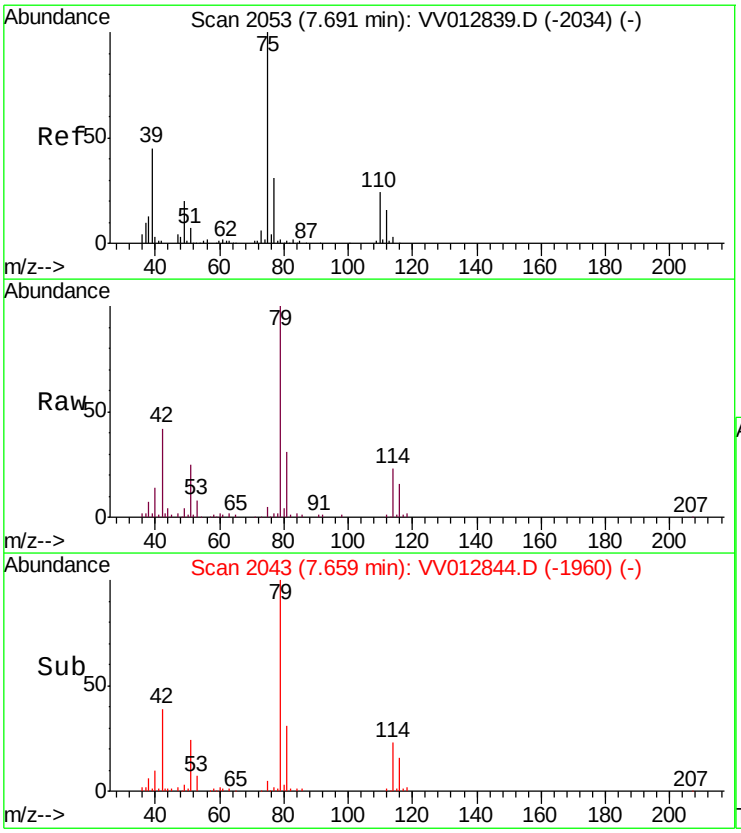
#42
Toluene
Concen: 6.079 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument :
MSVOA_V
ClientSampleId :
H0BL7MS

Tgt Ion: 91 Resp: 609595

Ion	Ratio	Lower	Upper
91	100		
92	57.8	41.0	76.2

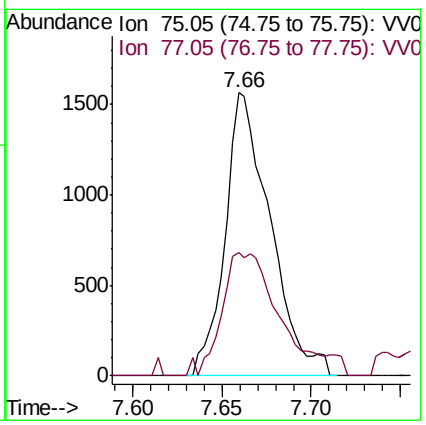


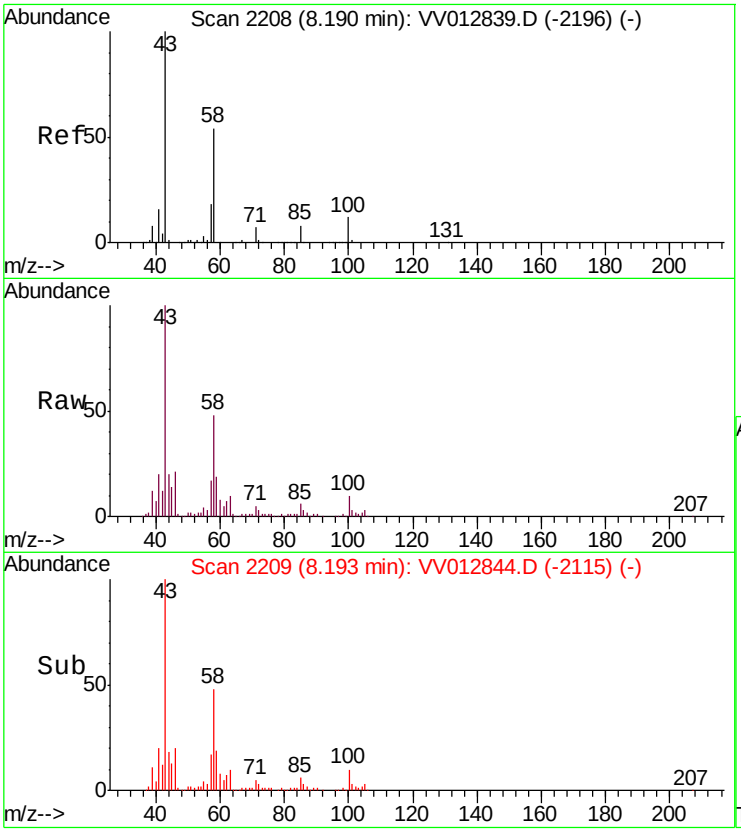


#44
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion: 75 Resp: 2765

Ion	Ratio	Lower	Upper
75	100		
77	43.8	22.3	41.3#



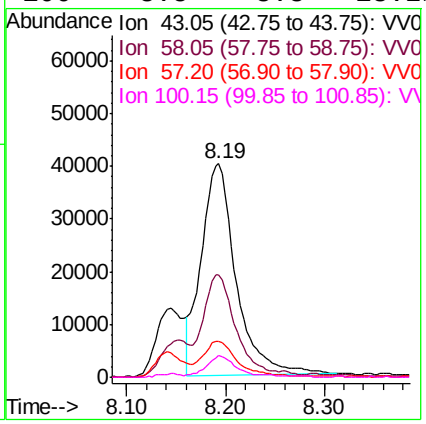


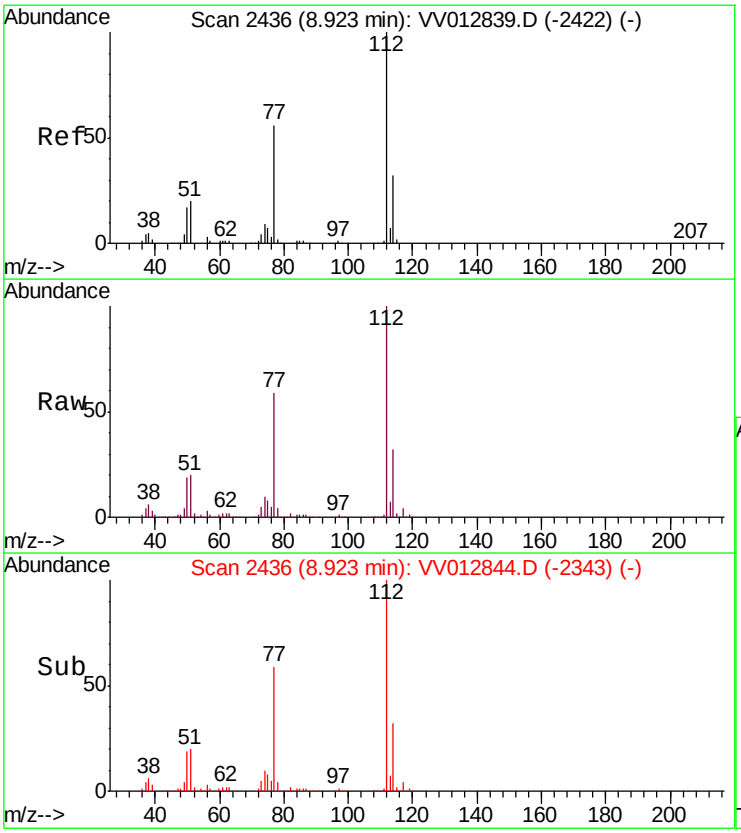
#48
2-Hexanone
Concen: 8.890 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Instrument : MSVOA_V
ClientSampleId : H0BL7MS

Tgt Ion: 43 Resp: 98886

Ion	Ratio	Lower	Upper
43	100		
58	45.1	44.8	67.2
57	15.7	15.0	22.6
100	8.5	8.8	13.2#





#51
Chlorobenzene
Concen: 5.646 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012844.D
Acq: 16 Sep 2019 18:43

Tgt Ion:112 Resp: 391094

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	41.0
77	58.7	45.7	68.5