Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111419\
Data File : VV013632.D
Acq On : 14 Nov 2019 20:03
Operator : SY/MD
Sample : K5856-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 15 02:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	313079	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	315226	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	137034	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108950	5.42	ug/L	-0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.40%			
7) Chloroethane-d5	1.58	69	92941	5.80	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.00%			
11) 1,1-Dichloroethene-d2	2.13	63	196561	5.71	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.20%			
20) 2-Butanone-d5	3.92	46	272410	75.64	ug/L	-0.10
Spiked Amount 50.000	Range 40 - 130		Recovery = 151.28%#			
24) Chloroform-d	4.40	84	221034	6.41	ug/L	-0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 128.20%#			
26) 1,2-Dichloroethane-d4	5.08	65	118041	7.02	ug/L	-0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 140.40%#			
32) Benzene-d6	5.10	84	429534	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%			
36) 1,2-Dichloropropane-d6	6.11	67	134332	5.15	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.36	98	356283	4.63	ug/L	-0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	7.66	79	49951	5.15	ug/L	-0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.13	63	219503	56.76	ug/L	-0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.52%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100646	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	146919	6.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 121.40%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1783	0.091	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	113363	6.229	ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	28752	1.345	ug/L #	96
33) Benzene	5.14	78	526477	5.717	ug/L	100
34) Trichloroethene	5.96	95	192640	7.453	ug/L	99
35) Methylcyclohexane	6.11	83	32608	0.868	ug/L #	17
42) Toluene	7.43	91	538259	5.382	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	2793	0.111	ug/L	92
47) Tetrachloroethene	8.02	164	3469	0.148	ug/L	97
48) 2-Hexanone	8.18	43	10080	1.077	ug/L #	94
51) Chlorobenzene	8.92	112	376095	5.738	ug/L	100

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

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ClientSampleId :

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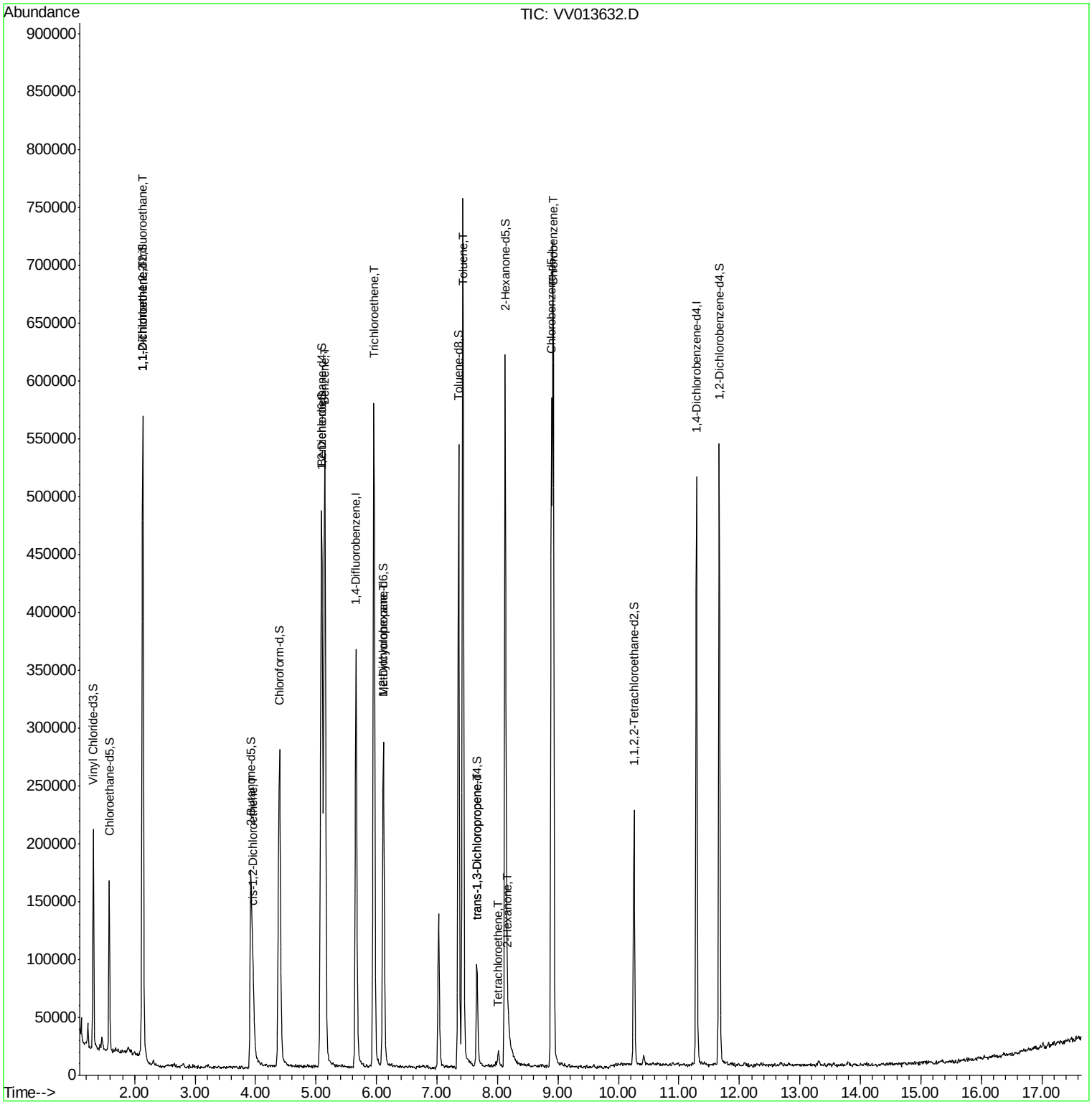
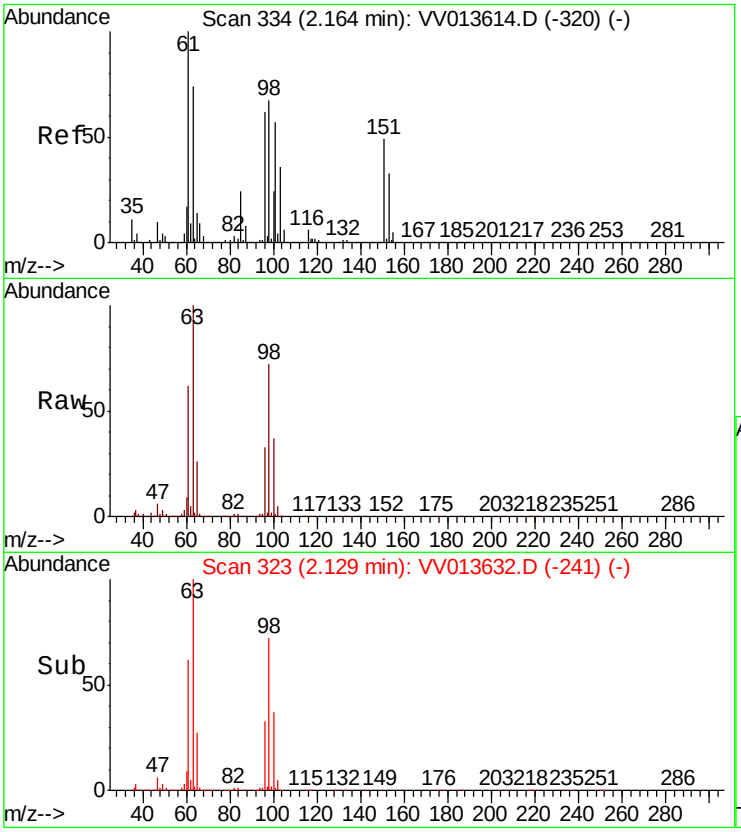
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration



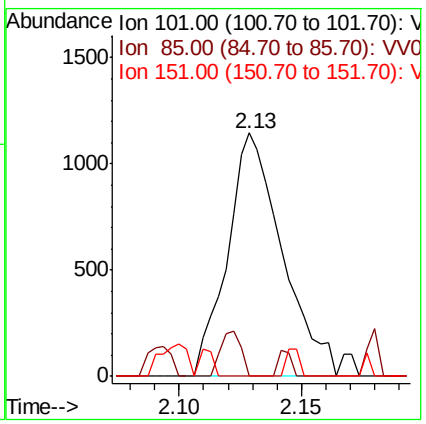


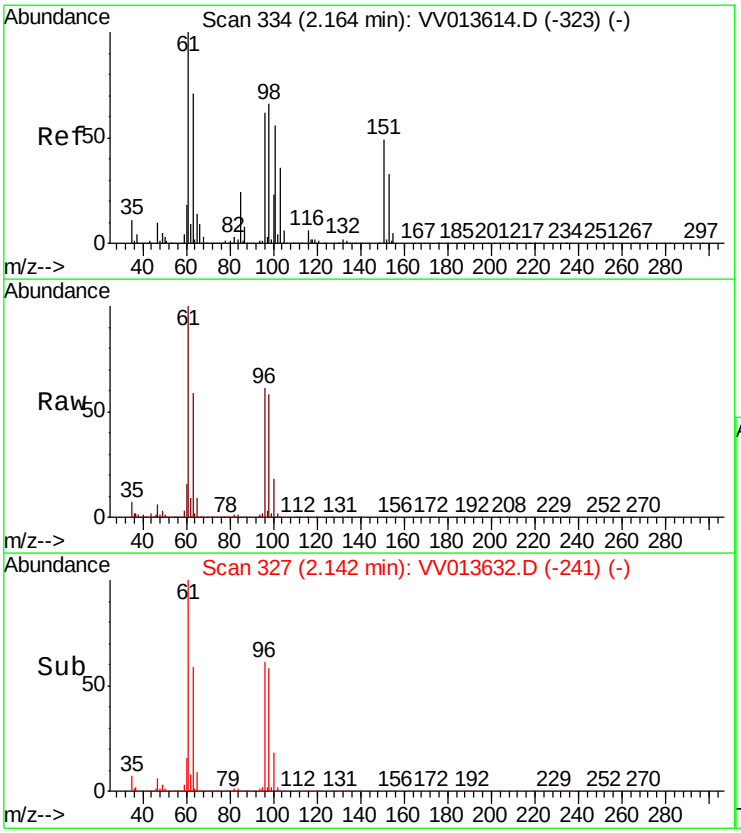
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.04 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1783

Ion	Ratio	Lower	Upper
101	100		
85	7.1	33.1	49.7#
151	2.6	69.5	104.3#

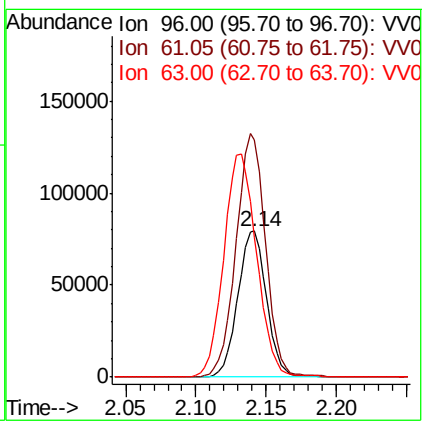


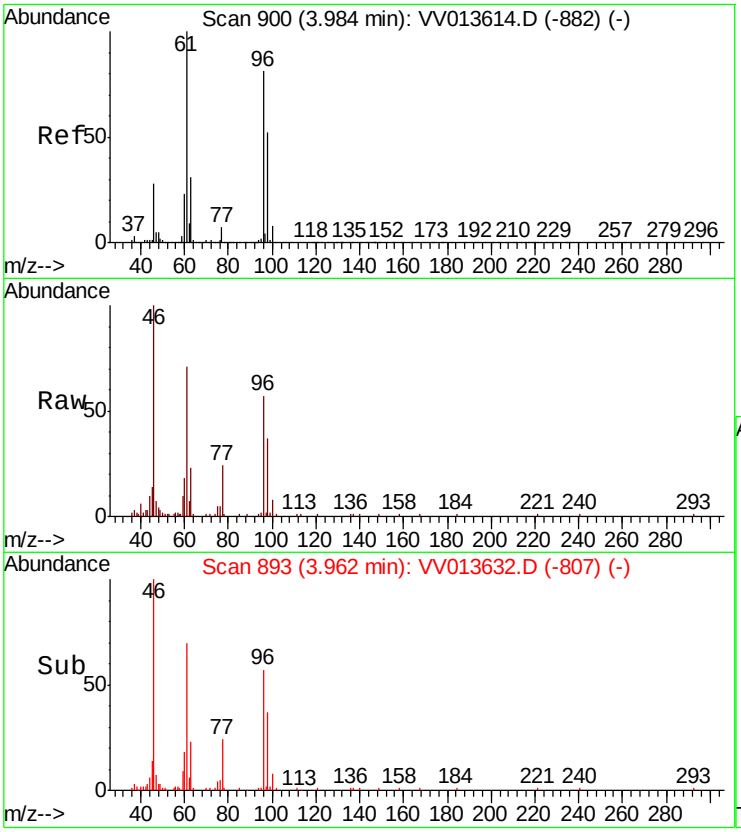


#12
1,1-Dichloroethene
Concen: 6.229 ug/L
RT: 2.14 min Scan# 327
Delta R.T. -0.02 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Tgt Ion: 96 Resp: 113363

Ion	Ratio	Lower	Upper
96	100		
61	163.1	115.6	214.6
63	96.1	87.2	162.0



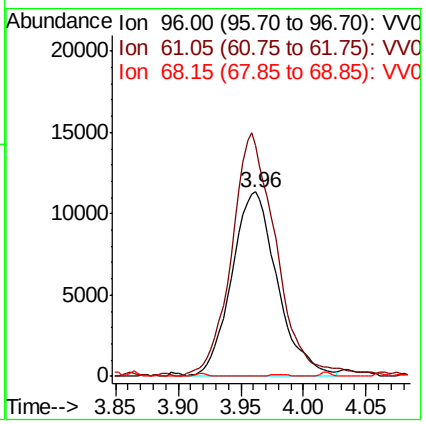


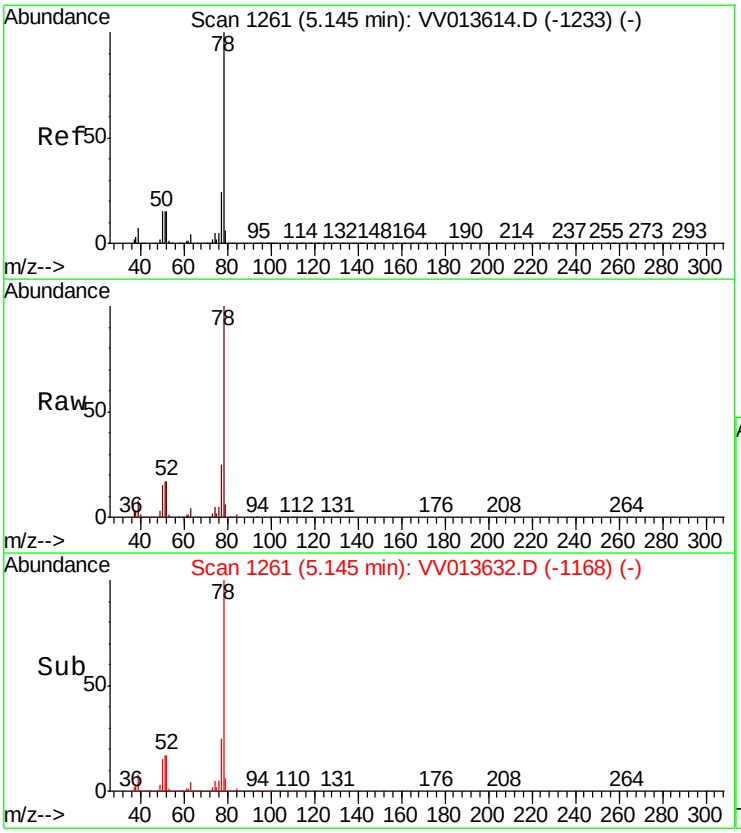
#22
cis-1,2-Dichloroethene
Concen: 1.345 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.02 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 28752

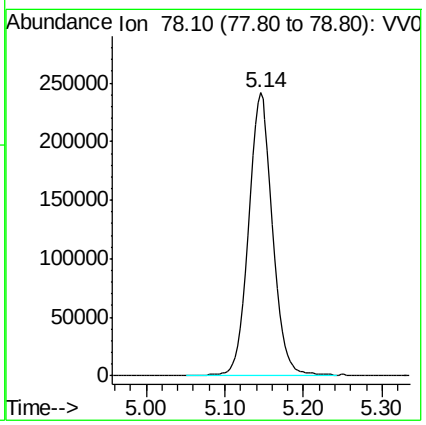
Ion	Ratio	Lower	Upper
96	100		
61	125.3	84.7	157.3
68	0.0	0.3	0.7#

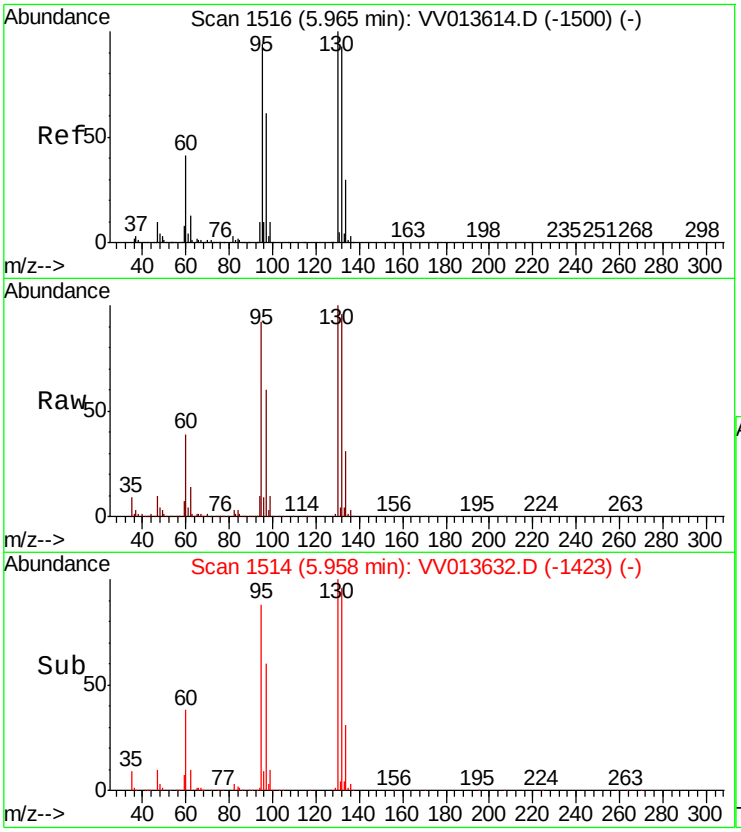




#33
Benzene
Concen: 5.717 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Tgt Ion: 78 Resp: 526477



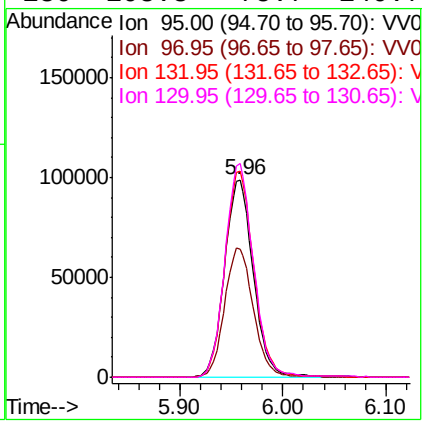


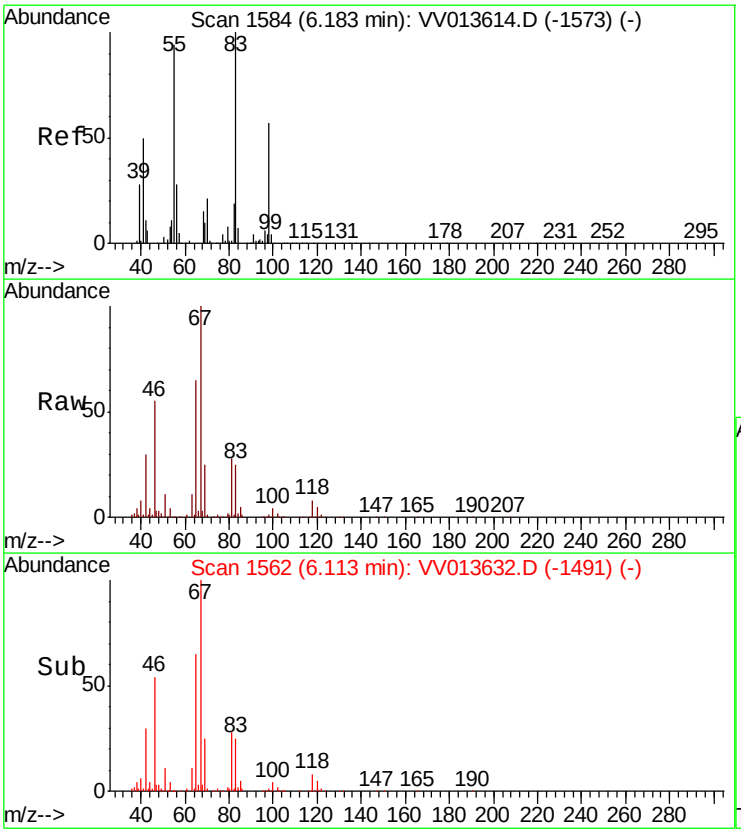
#34
Trichloroethene
Concen: 7.453 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.01 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 192640

Ion	Ratio	Lower	Upper
95	100		
97	65.2	47.0	87.4
132	104.3	72.2	134.0
130	108.3	75.7	140.7

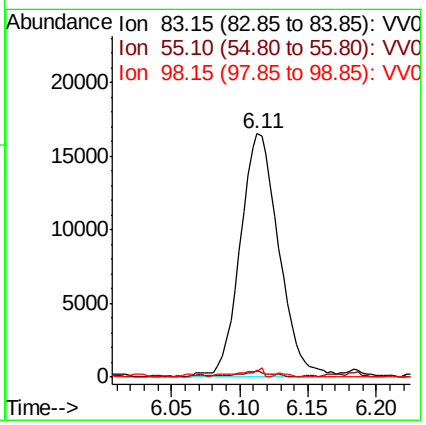


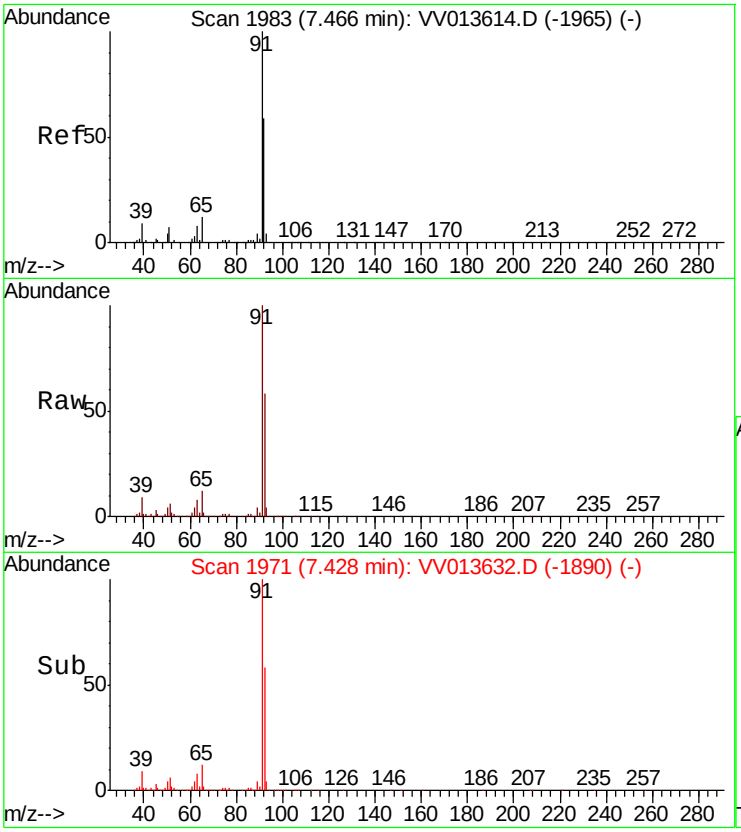


#35
Methylcyclohexane
Concen: 0.868 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.07 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Tgt Ion: 83 Resp: 32608

Ion	Ratio	Lower	Upper
83	100		
55	1.6	67.0	100.4#
98	1.9	38.5	57.7#



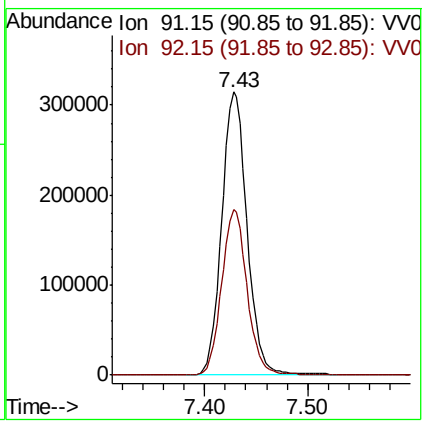


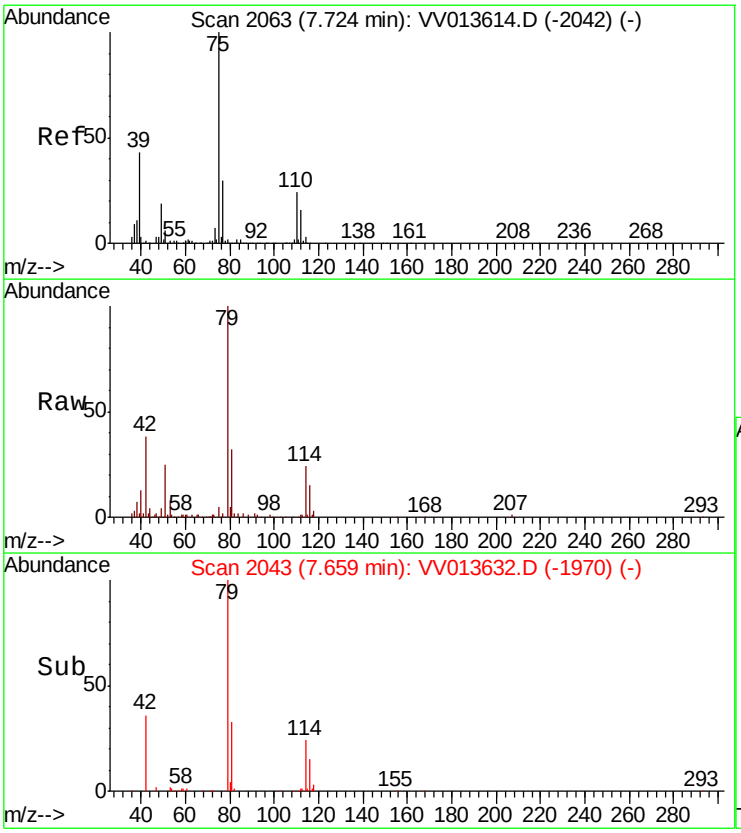
#42
Toluene
Concen: 5.382 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.04 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 538259

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.7	75.7

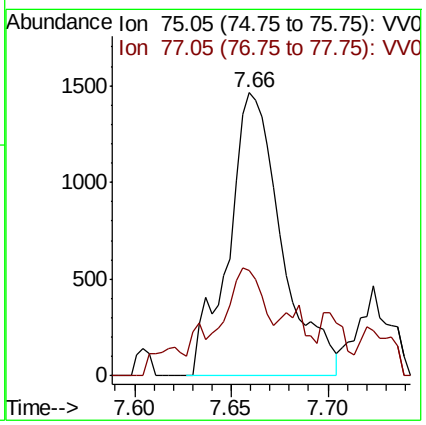


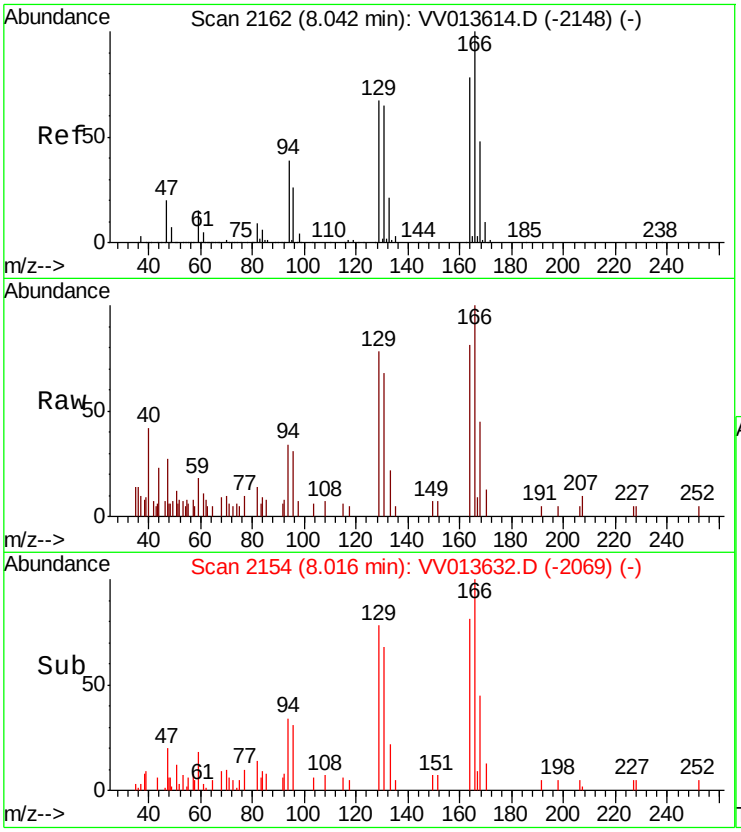


#44
trans-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.06 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Tgt Ion: 75 Resp: 2793

Ion	Ratio	Lower	Upper
75	100		
77	37.4	23.2	43.0



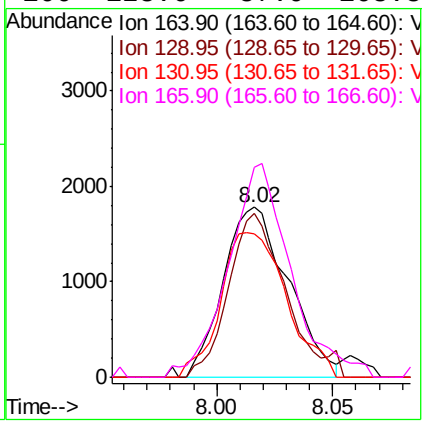


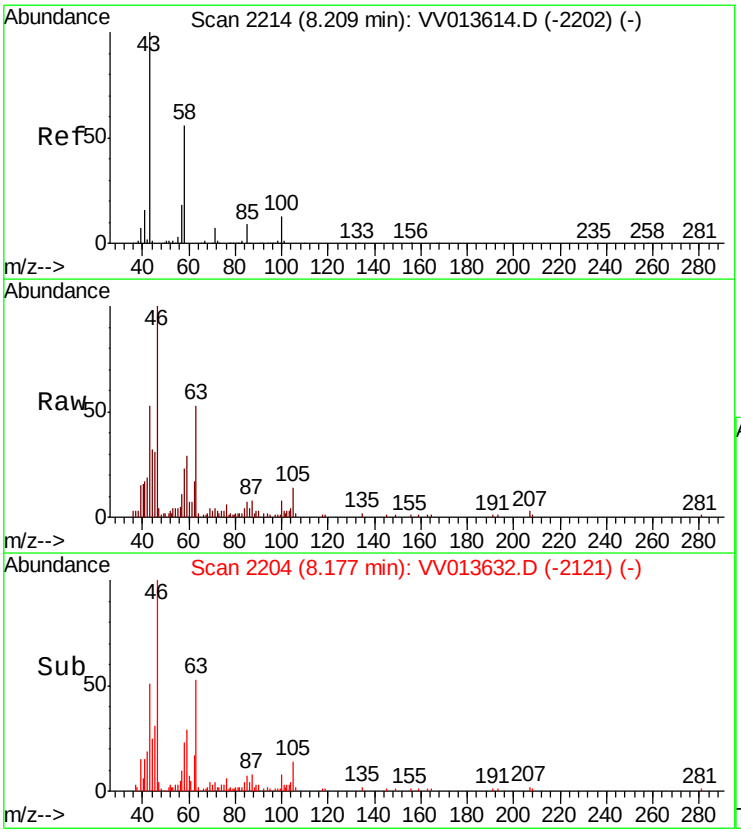
#47
Tetrachloroethene
Concen: 0.148 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.03 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 3469

Ion	Ratio	Lower	Upper
164	100		
129	96.4	61.6	114.4
131	84.1	59.0	109.6
166	123.6	87.9	163.3

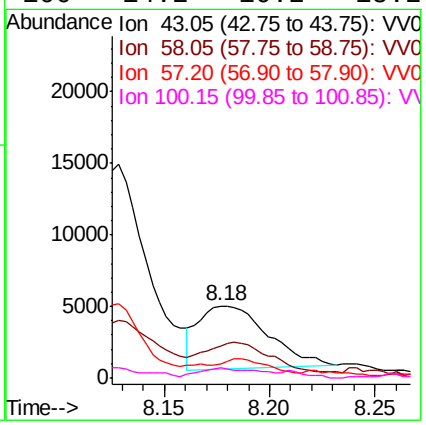


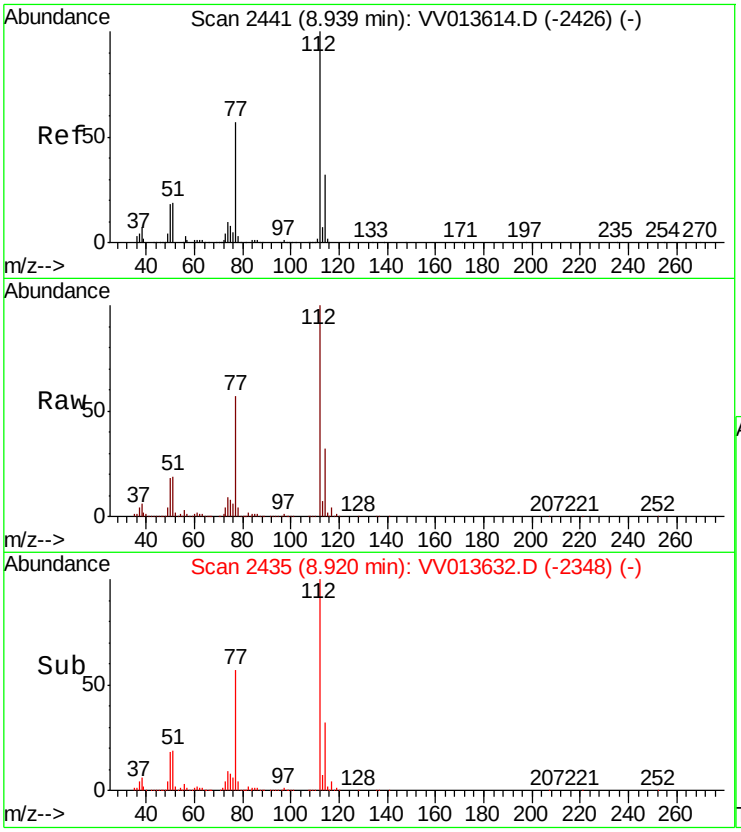


#48
2-Hexanone
Concen: 1.077 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.03 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Tgt Ion: 43 Resp: 10080

Ion	Ratio	Lower	Upper
43	100		
58	53.8	45.1	67.7
57	25.0	14.6	21.8#
100	14.2	10.2	15.2





#51
Chlorobenzene
Concen: 5.738 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.02 min
Lab File: VV013632.D
Acq: 14 Nov 2019 20:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 376095

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.5
77	57.3	46.0	69.0