Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090919\
Data File : VV012638.D
Acq On : 09 Sep 2019 22:14
Operator : SY/MD
Sample : K4724-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 10 09:35:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392152	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	152840	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	109026	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.58	69	96839	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.13	63	130238	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	3.97	46	345551	53.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.96%			
24) Chloroform-d	4.40	84	212454	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.08	65	111800	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.09	84	401581	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.12	67	134533	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.36	98	319727	3.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.60%			
43) trans-1,3-Dichloropropene-	7.66	79	43302	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
46) 2-Hexanone-d5	8.14	63	183777	48.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.68%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103606	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	129795	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4441	0.134	ug/L	98
13) Acetone	2.23	43	14420	3.843	ug/L	93
17) Methyl tert-butyl Ether	2.81	73	14920	0.261	ug/L #	93
22) cis-1,2-Dichloroethene	3.96	96	38776	1.303	ug/L	96
25) Chloroform	4.42	83	25840	0.455	ug/L	93
34) Trichloroethene	5.96	95	46515	1.496	ug/L	98
35) Methylcyclohexane	6.12	83	32018	0.729	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	14811	0.529	ug/L #	89
44) trans-1,3-Dichloropropene	7.66	75	2091	0.075	ug/L #	77
47) Tetrachloroethene	8.02	164	131090	5.371	ug/L	97
48) 2-Hexanone	8.19	43	28790	2.590	ug/L #	83
49) Dibromochloromethane	8.02	129	111509	4.803	ug/L #	11

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

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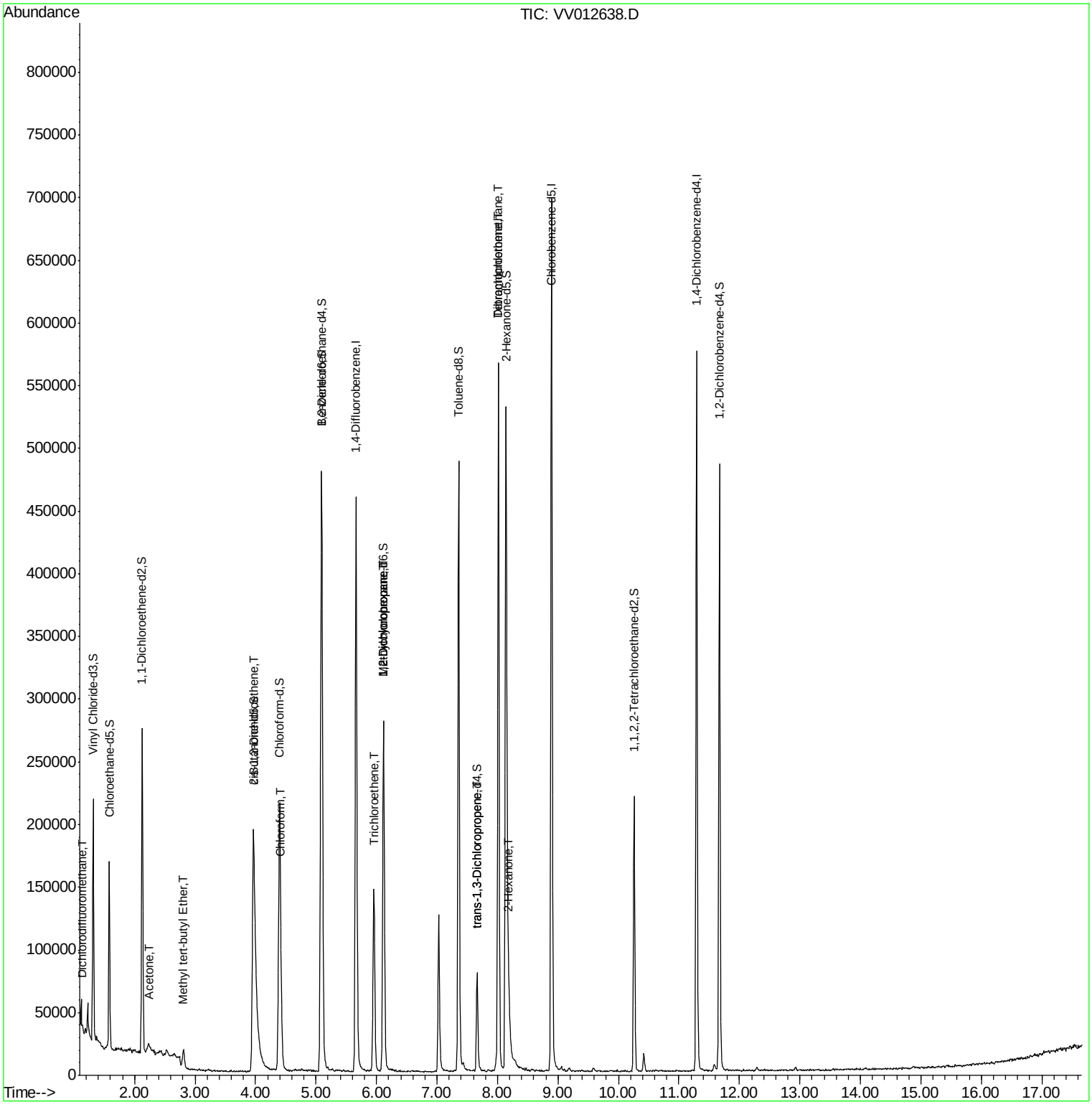
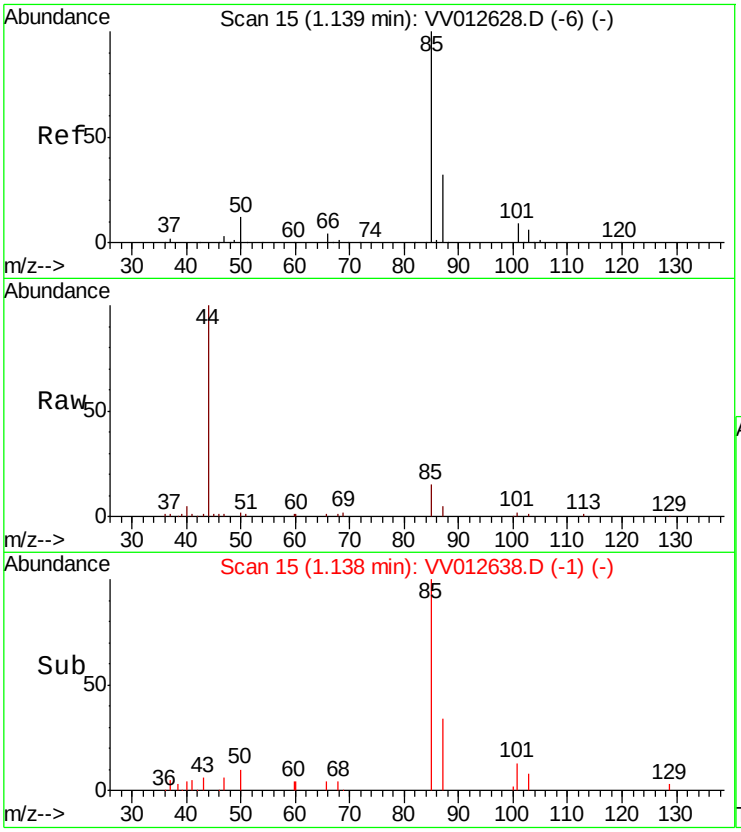
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 10 09:27:53 2019
Response via : Initial Calibration



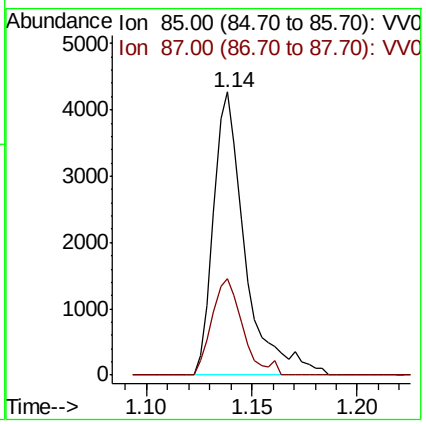


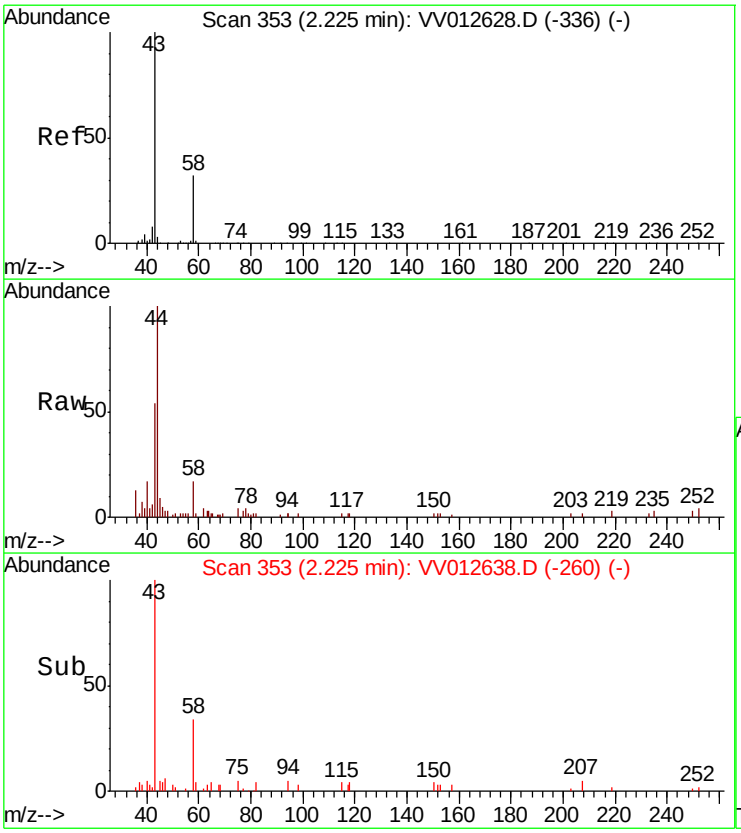
#2
Dichlorodifluoromethane
Concen: 0.134 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 4441

Ion	Ratio	Lower	Upper
85	100		
87	33.3	25.8	38.8

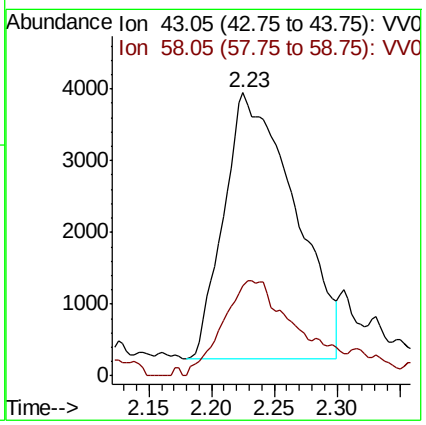


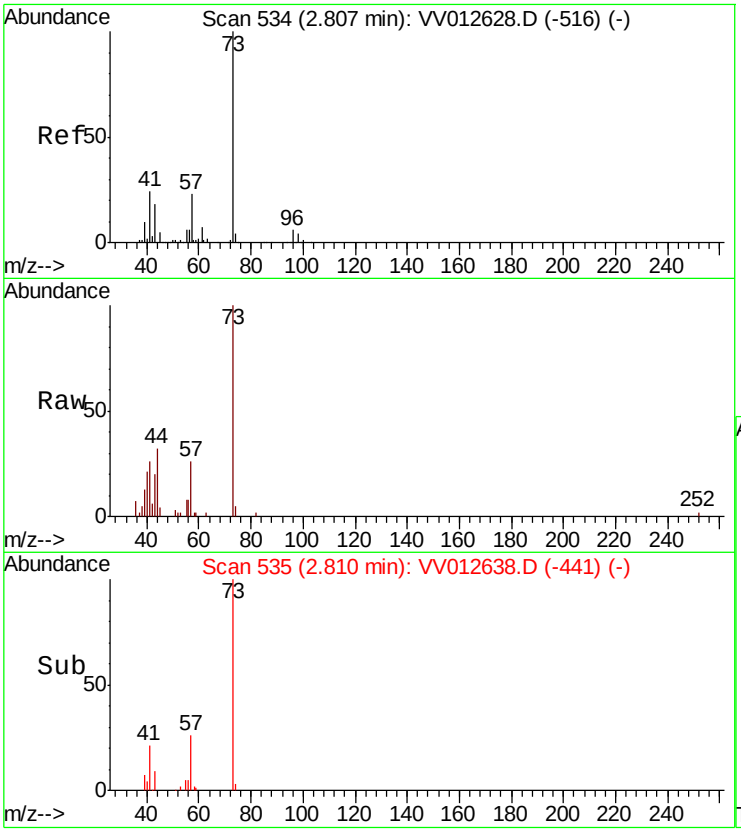


#13
Acetone
Concen: 3.843 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion: 43 Resp: 14420

Ion	Ratio	Lower	Upper
43	100		
58	37.8	0.0	67.4



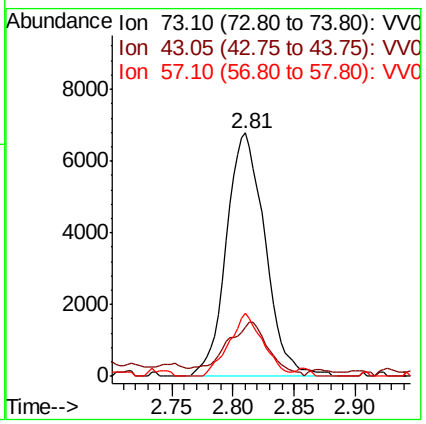


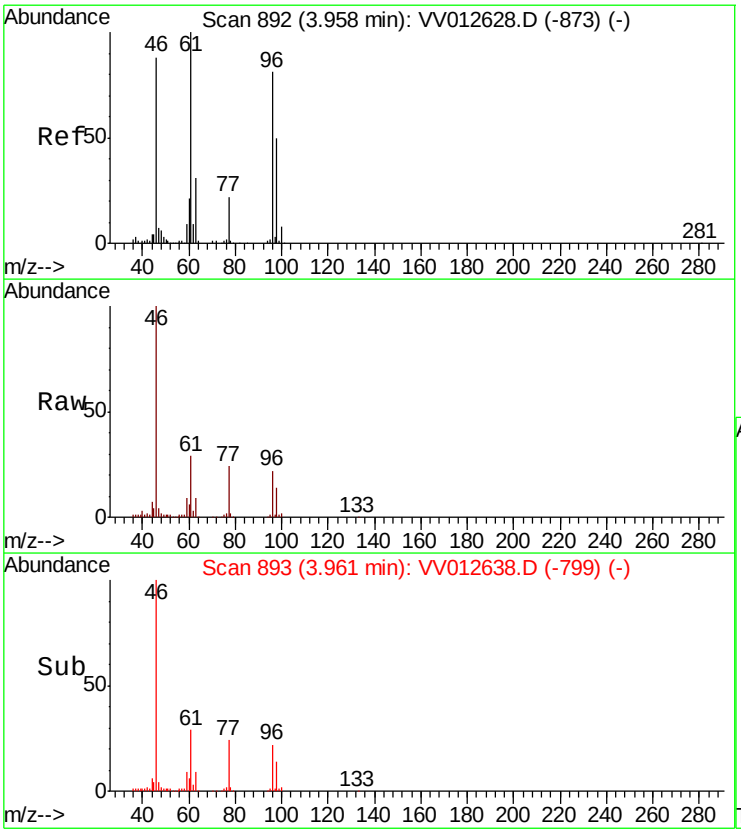
#17
Methyl tert-butyl Ether
Concen: 0.261 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 14920

Ion	Ratio	Lower	Upper
73	100		
43	25.1	14.6	21.8#
57	22.9	18.2	27.2

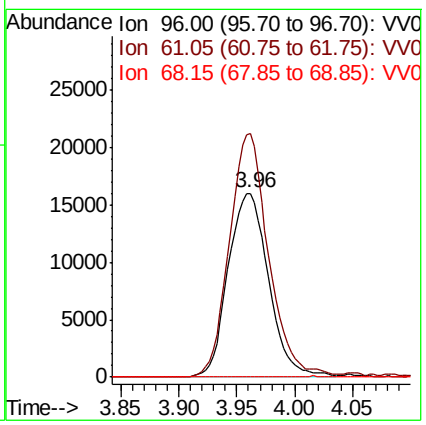


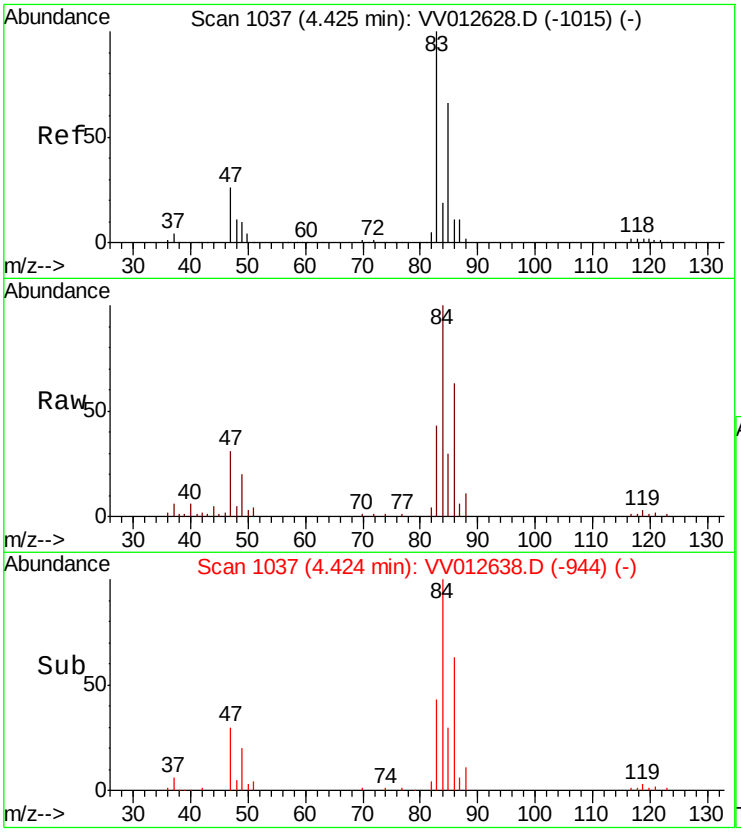


#22
cis-1,2-Dichloroethene
Concen: 1.303 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion: 96 Resp: 38776

Ion	Ratio	Lower	Upper
96	100		
61	132.5	89.7	166.5
68	0.0	0.0	0.0



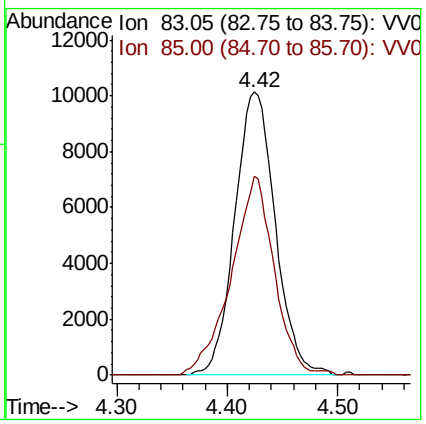


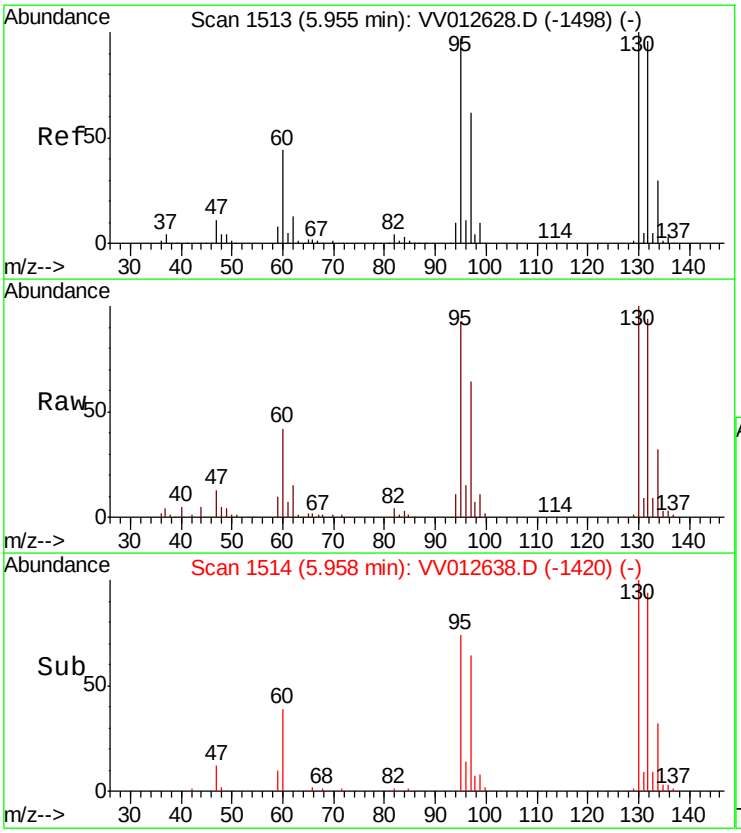
#25
Chloroform
Concen: 0.455 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 25840

Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.3	84.1

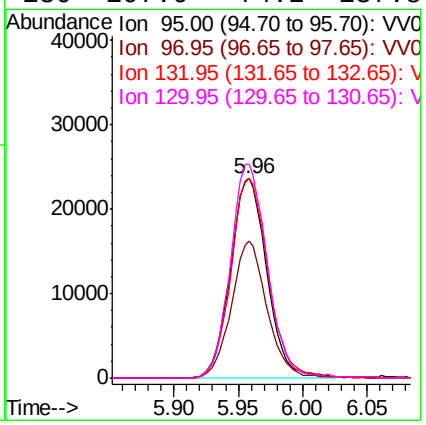


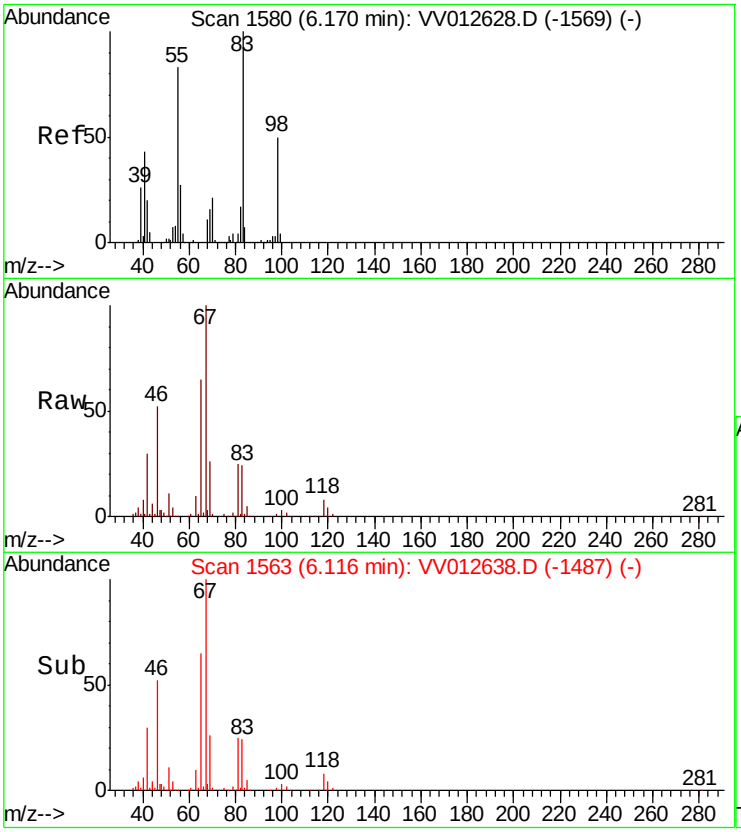


#34
Trichloroethene
Concen: 1.496 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion: 95 Resp: 46515

Ion	Ratio	Lower	Upper
95	100		
97	68.8	45.4	84.2
132	100.1	70.2	130.4
130	107.0	74.2	137.8



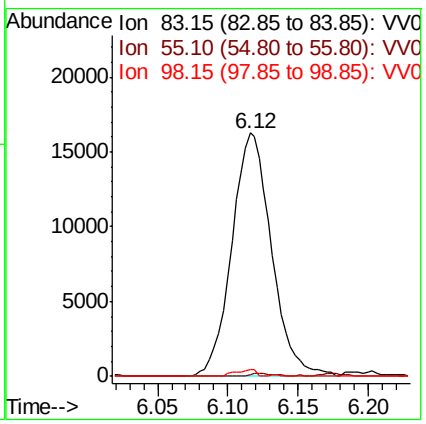


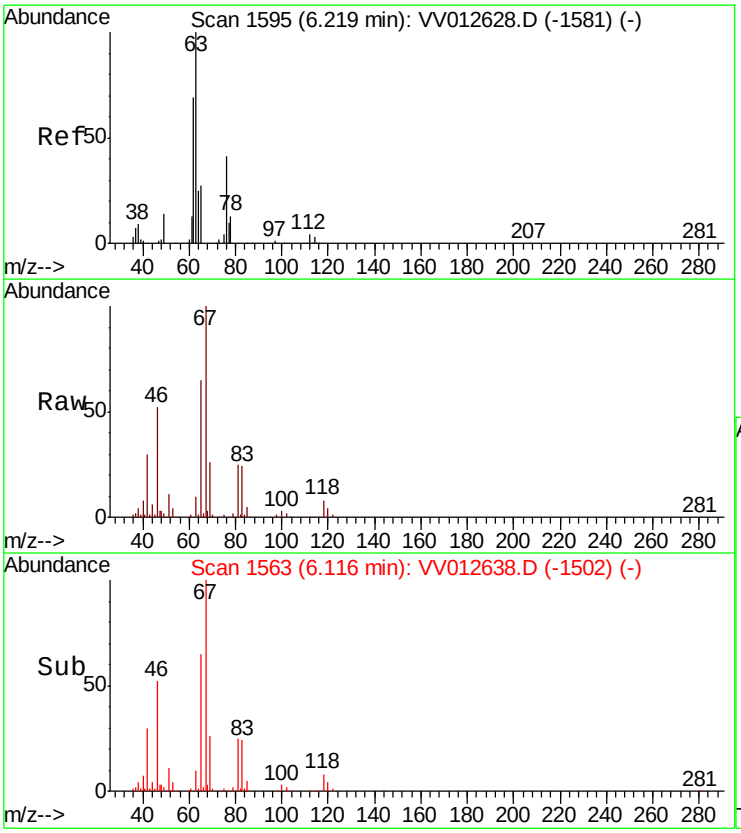
#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 32018

Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.0	94.4#
98	1.3	39.8	59.8#

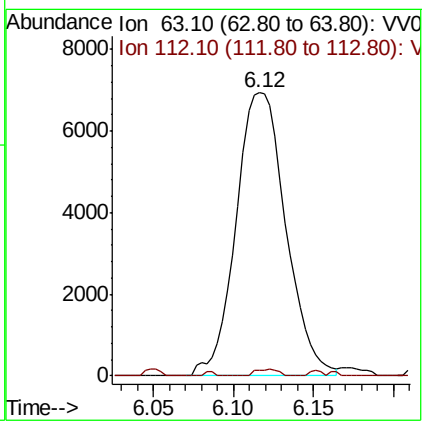


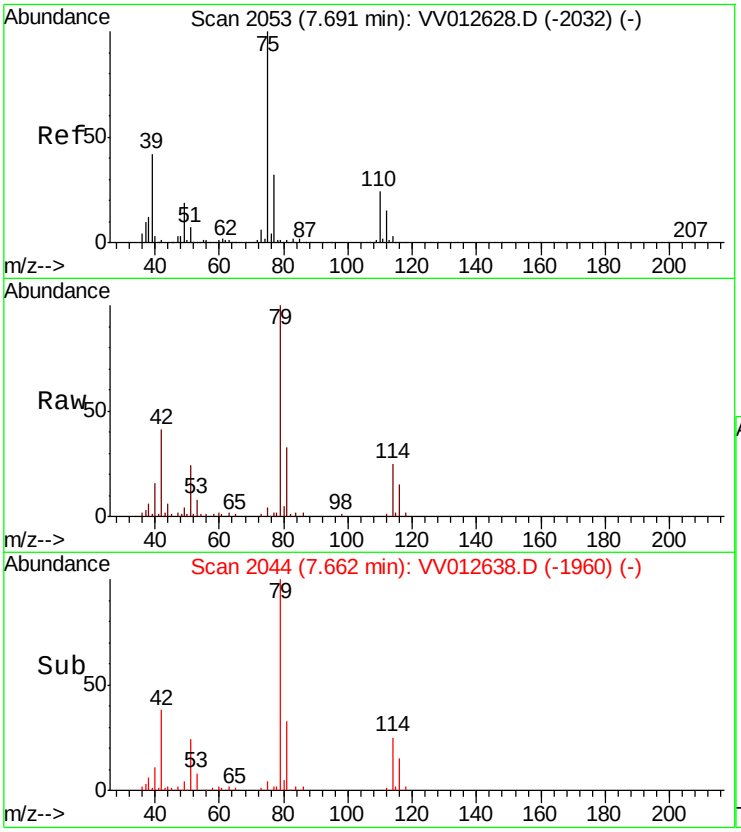


#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion: 63 Resp: 14811

Ion	Ratio	Lower	Upper
63	100		
112	1.1	3.8	5.6#



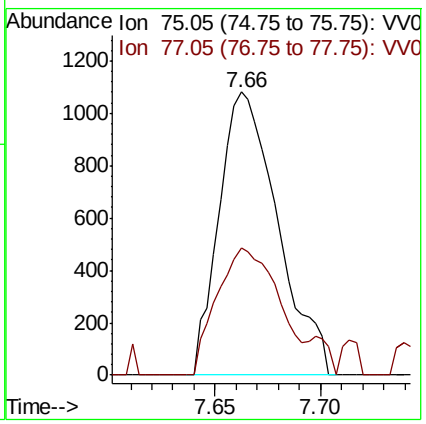


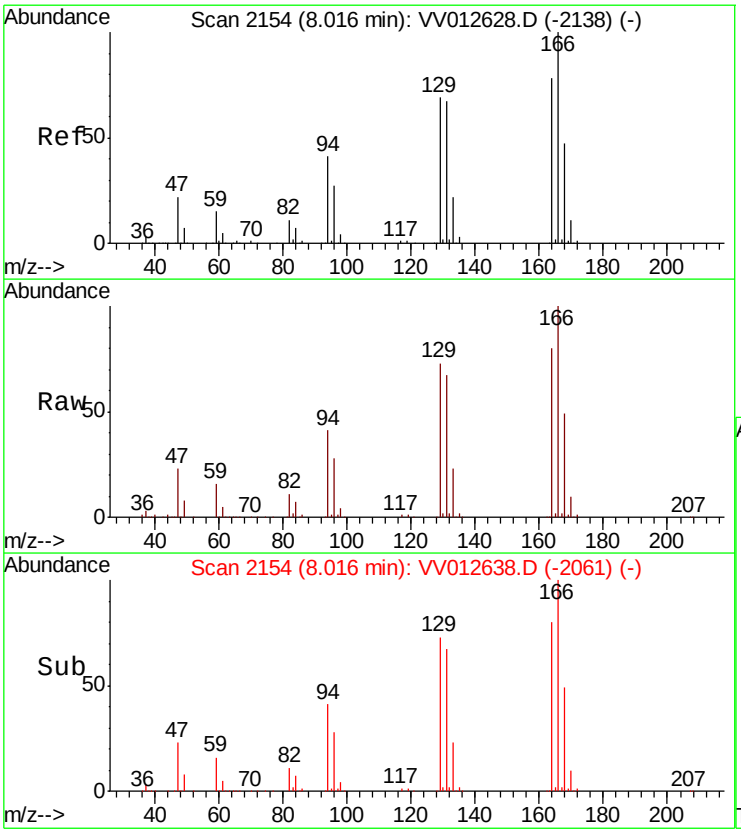
#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2091

Ion	Ratio	Lower	Upper
75	100		
77	45.0	22.4	41.6#

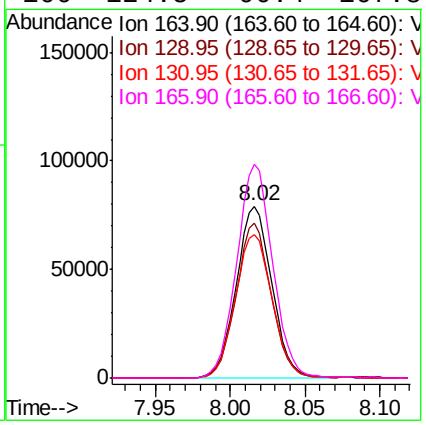


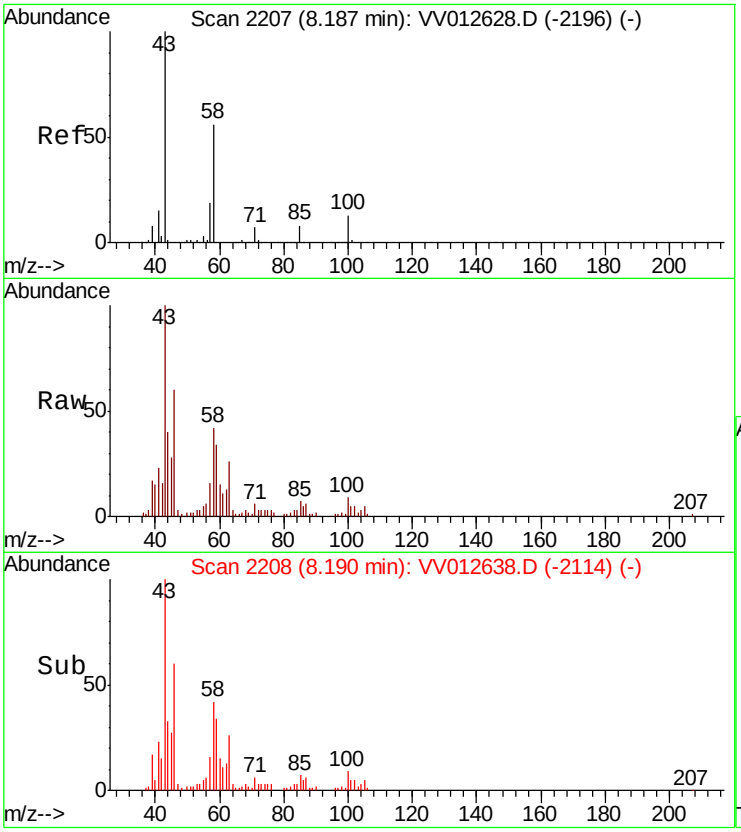


#47
Tetrachloroethene
Concen: 5.371 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion:164 Resp: 131090

Ion	Ratio	Lower	Upper
164	100		
129	90.4	61.9	114.9
131	83.9	59.7	110.9
166	124.5	90.4	167.8



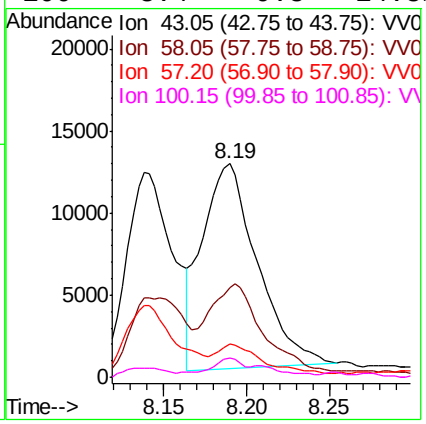


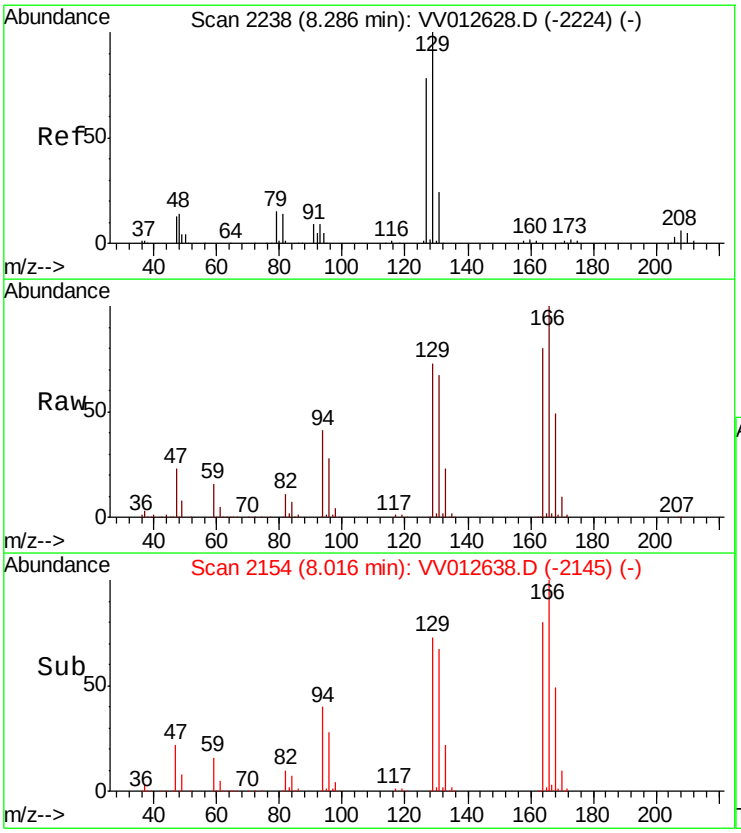
#48
2-Hexanone
Concen: 2.590 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 28790

Ion	Ratio	Lower	Upper
43	100		
58	43.4	44.8	67.2#
57	12.2	14.9	22.3#
100	3.4	9.8	14.8#





#49
Dibromochloromethane
Concen: 4.803 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012638.D
Acq: 09 Sep 2019 22:14

Tgt Ion:129 Resp: 111509

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#