Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
Data File : VV012485.D
Acq On : 31 Aug 2019 07:47
Operator : SY/MD
Sample : K4607-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 31 12:30:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 12:27:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	325025	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	313953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142295	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83647	2.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.80%			
7) Chloroethane-d5	1.59	69	65945	3.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 63.00%#			
11) 1,1-Dichloroethene-d2	2.13	63	102706	2.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 43.20%#			
20) 2-Butanone-d5	3.95	46	226926	38.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.86%			
24) Chloroform-d	4.40	84	158856	3.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 63.80%#			
26) 1,2-Dichloroethane-d4	5.08	65	81605	3.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.40%#			
32) Benzene-d6	5.10	84	323627	3.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 69.00%#			
36) 1,2-Dichloropropane-d6	6.12	67	104901	3.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 70.40%			
41) Toluene-d8	7.36	98	281408	3.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 66.60%#			
43) trans-1,3-Dichloropropene-	7.67	79	34139	3.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.00%			
46) 2-Hexanone-d5	8.14	63	150355	36.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67168	3.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 63.60%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	112331	4.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.20%			
Target Compounds						Qvalue
13) Acetone	2.21	43	9854	2.284	ug/L	90
17) Methyl tert-butyl Ether	2.81	73	5769	0.085	ug/L #	86
19) 1,1-Dichloroethane	3.23	63	10355	0.168	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	3630	0.110	ug/L	97
25) Chloroform	4.42	83	8659	0.134	ug/L	95
34) Trichloroethene	5.96	95	25682	0.776	ug/L	98
35) Methylcyclohexane	6.12	83	24247	0.481	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10974	0.324	ug/L #	87
47) Tetrachloroethene	8.02	164	13555	0.511	ug/L	96
48) 2-Hexanone	8.19	43	9905	0.757	ug/L #	73
49) Dibromochloromethane	8.02	129	12712	0.491	ug/L #	11
69) Naphthalene	13.55	128	138252	2.933	ug/L	99

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

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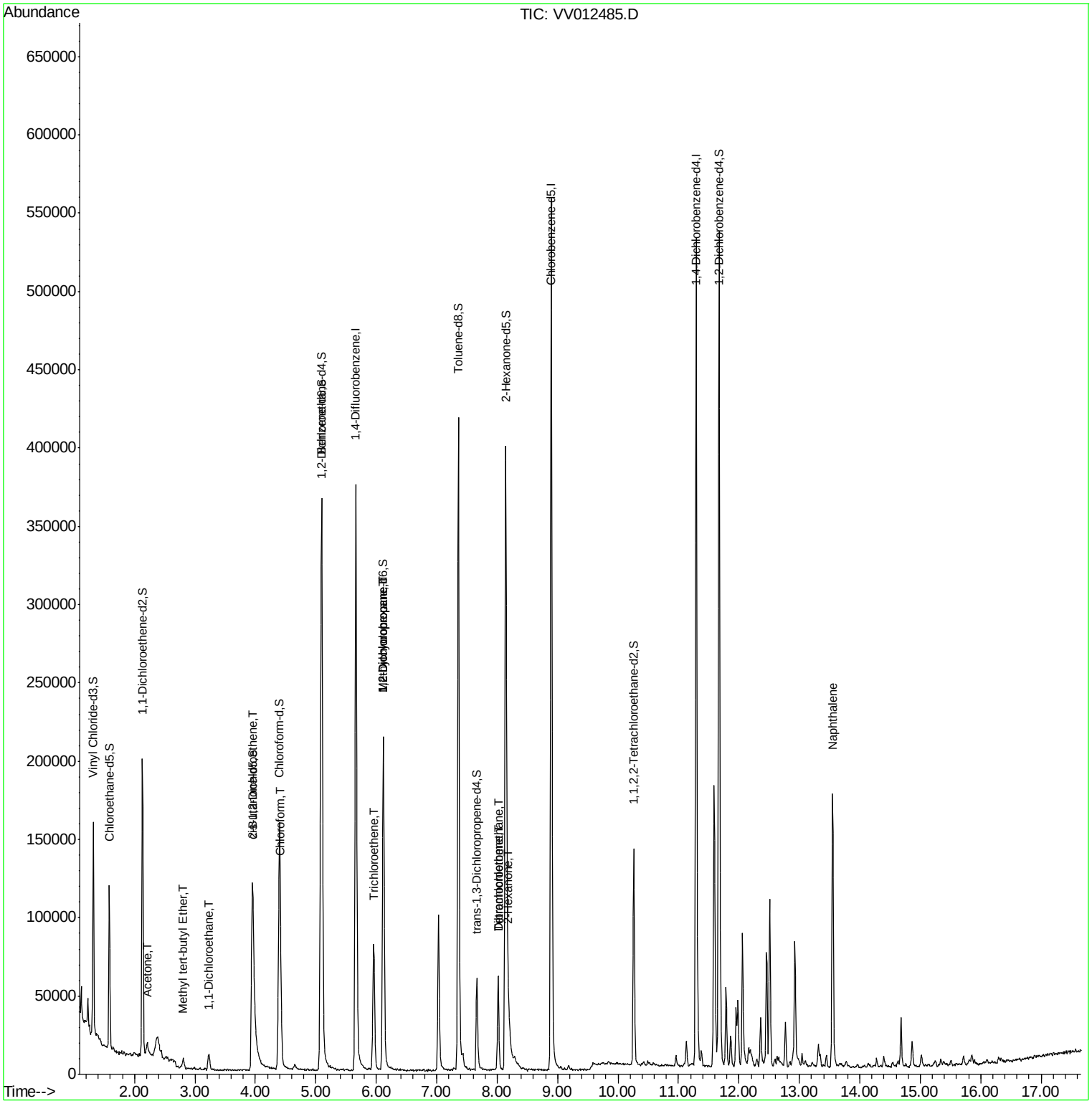
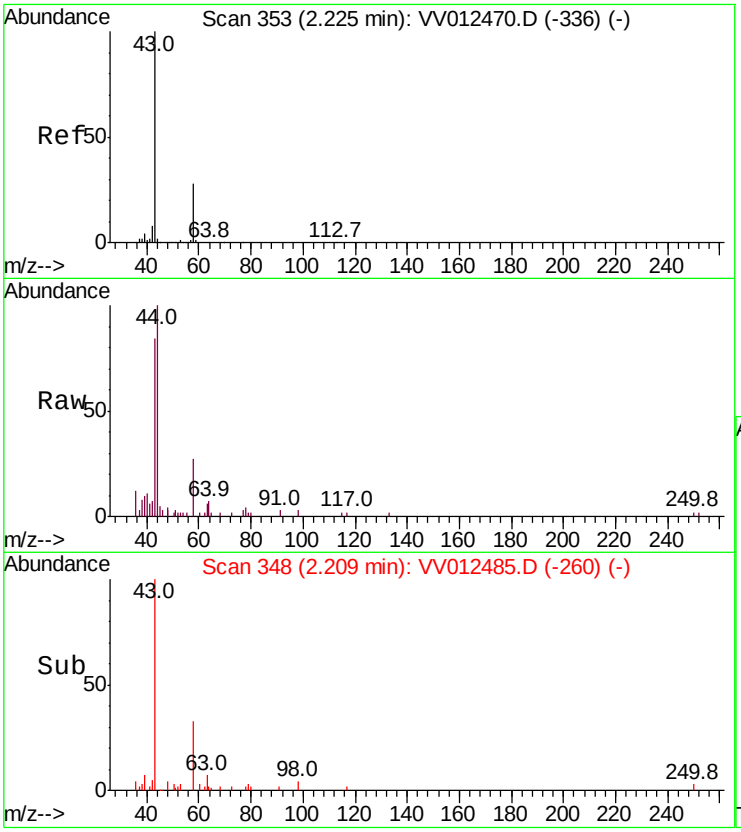
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 12:27:36 2019
Response via : Initial Calibration



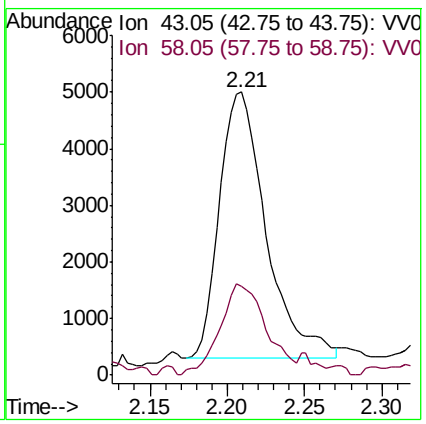


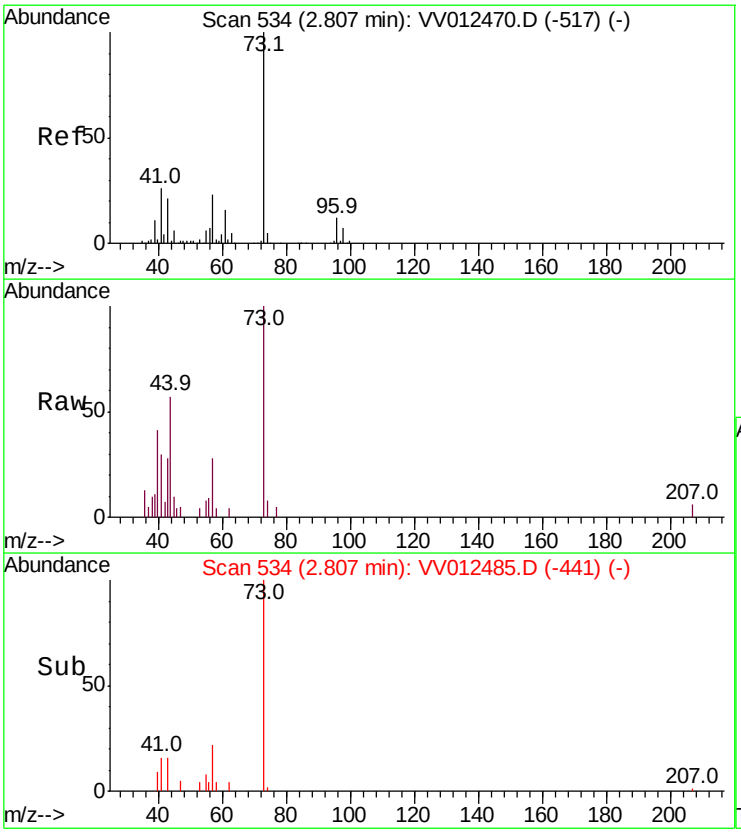
#13
Acetone
Concen: 2.284 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.02 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 9854

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	56.8

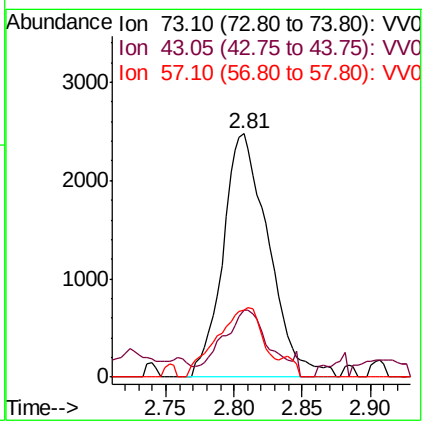


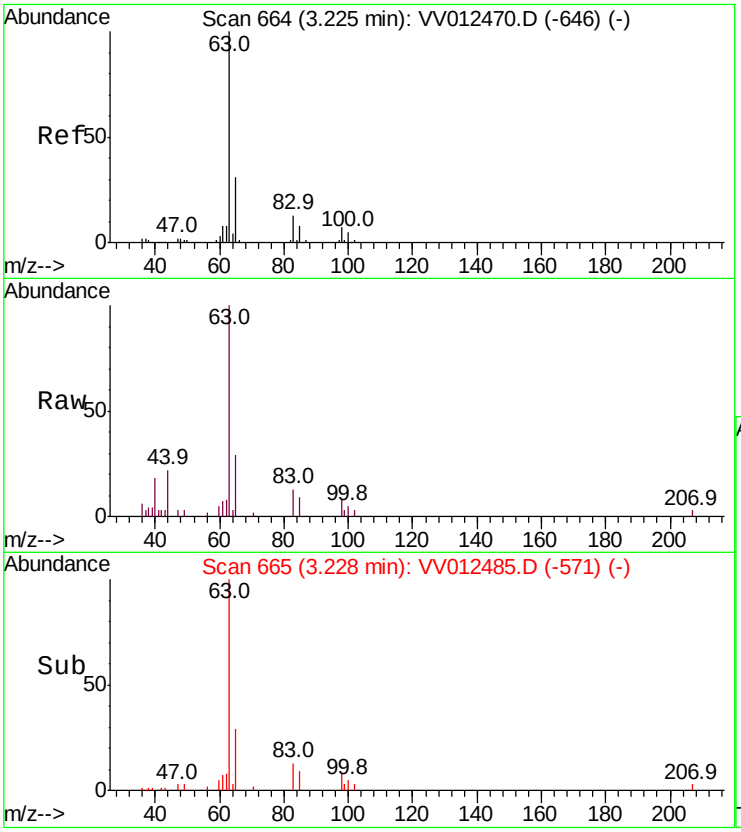


#17
Methyl tert-butyl Ether
Concen: 0.085 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Tgt Ion: 73 Resp: 5769

Ion	Ratio	Lower	Upper
73	100		
43	28.5	16.1	24.1#
57	28.9	18.8	28.2#



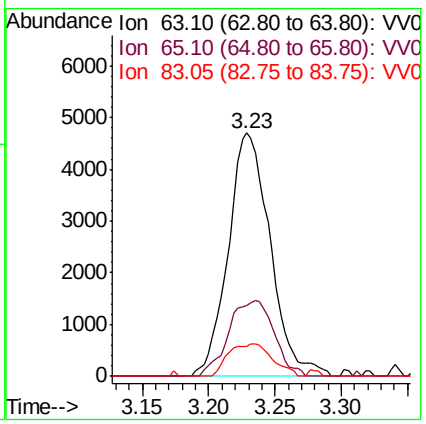


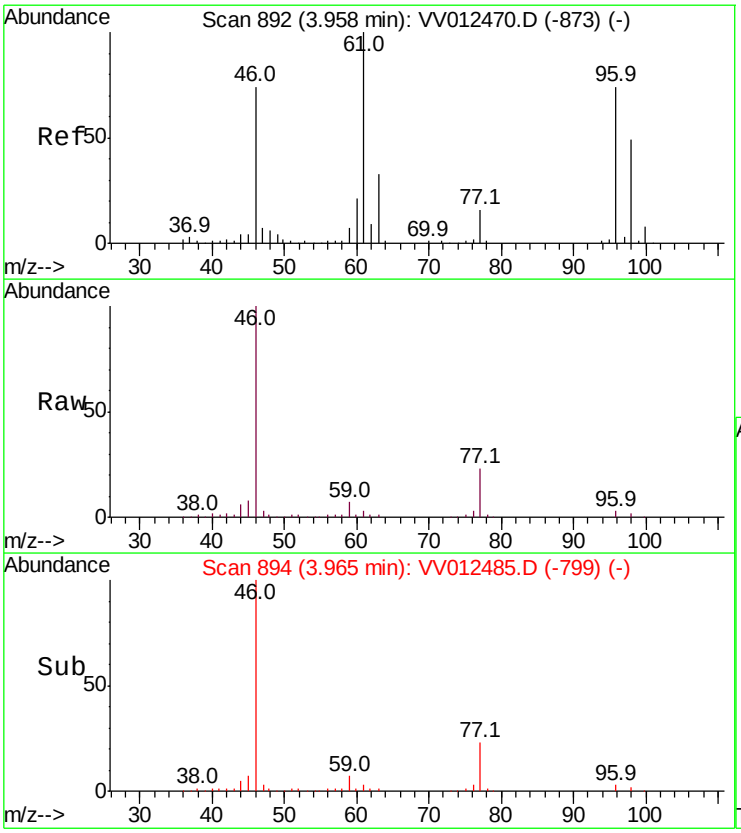
#19
1,1-Dichloroethane
Concen: 0.168 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 10355

Ion	Ratio	Lower	Upper
63	100		
65	28.9	21.6	40.2
83	12.5	9.0	16.8

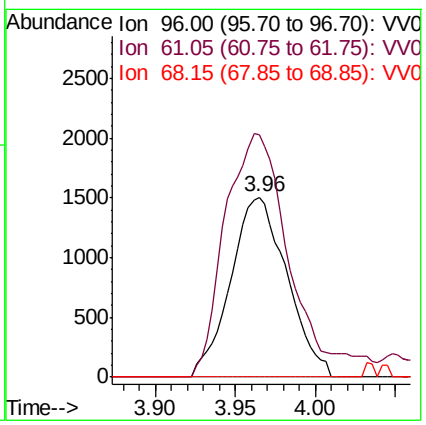


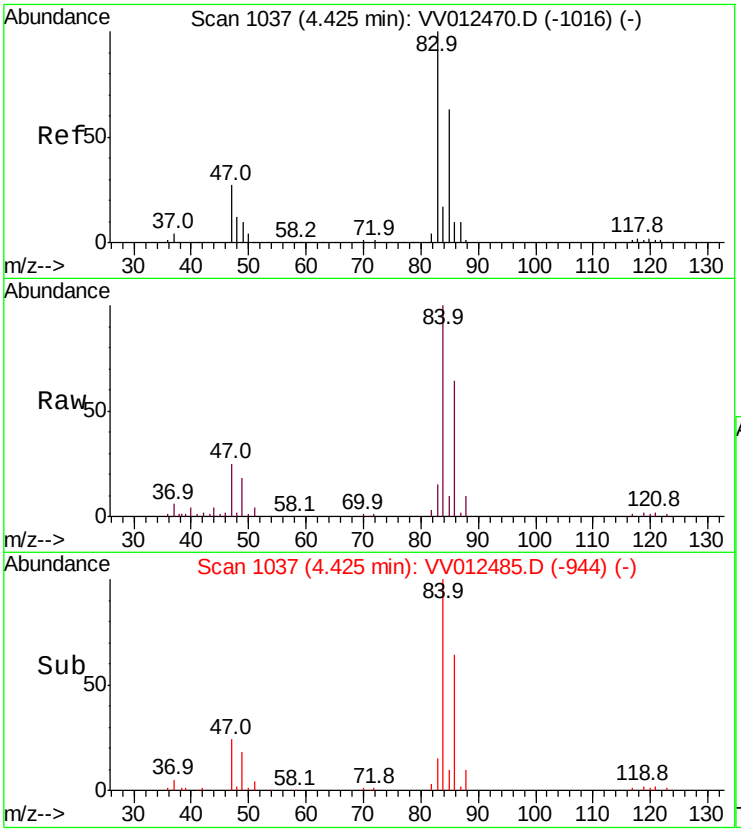


#22
cis-1,2-Dichloroethene
Concen: 0.110 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Tgt Ion: 96 Resp: 3630

Ion	Ratio	Lower	Upper
96	100		
61	134.6	91.5	169.9
68	0.0	0.0	0.0



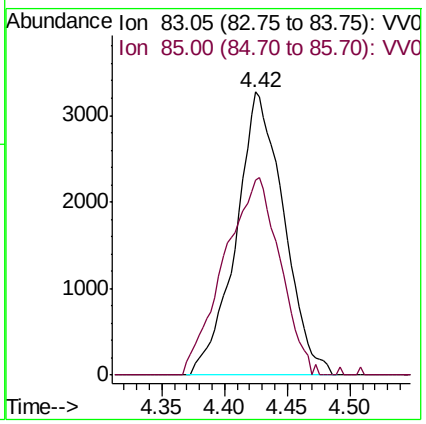


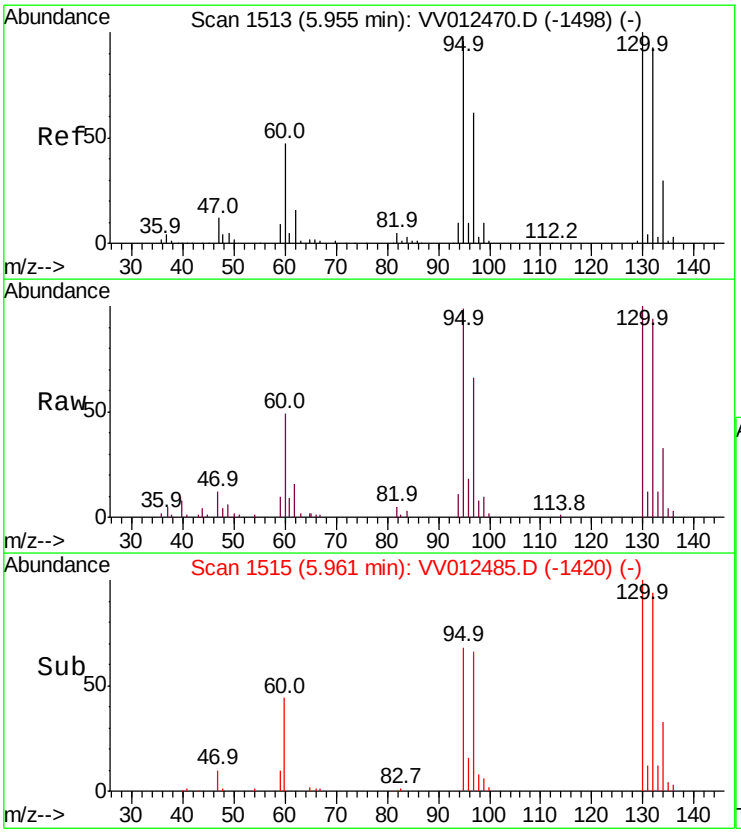
#25
Chloroform
Concen: 0.134 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 8659

Ion	Ratio	Lower	Upper
83	100		
85	69.1	45.4	84.4

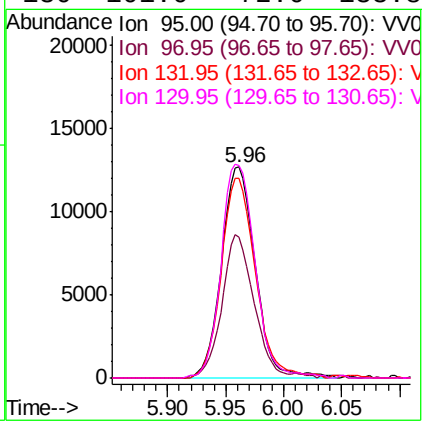


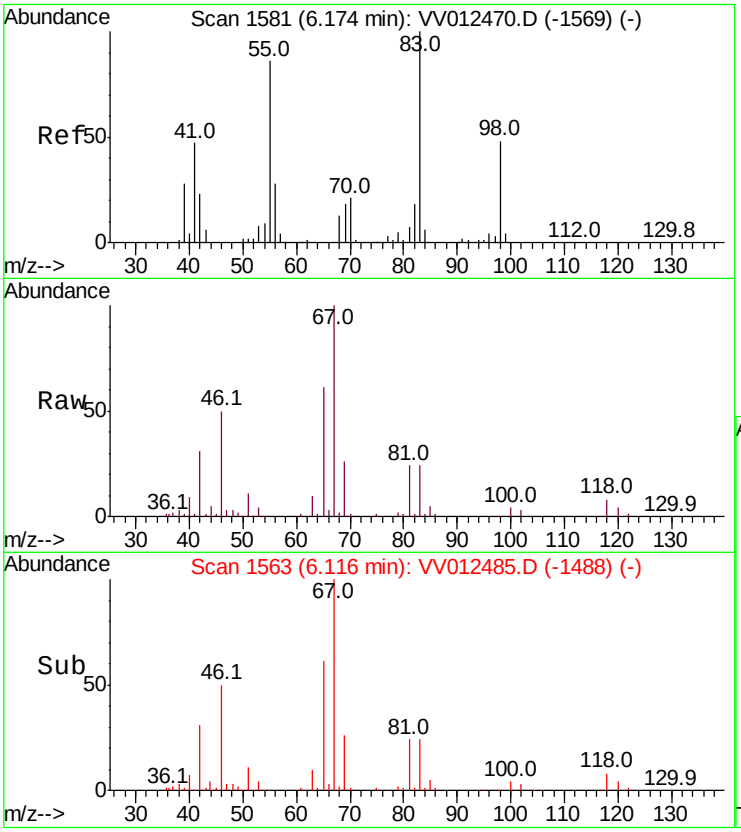


#34
Trichloroethene
Concen: 0.776 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Tgt Ion: 95 Resp: 25682

Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.8	85.2
132	94.8	68.3	126.9
130	101.0	72.0	133.8



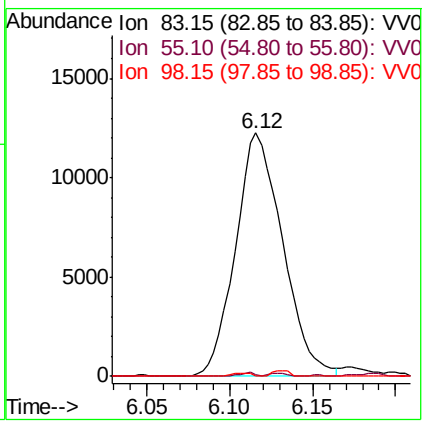


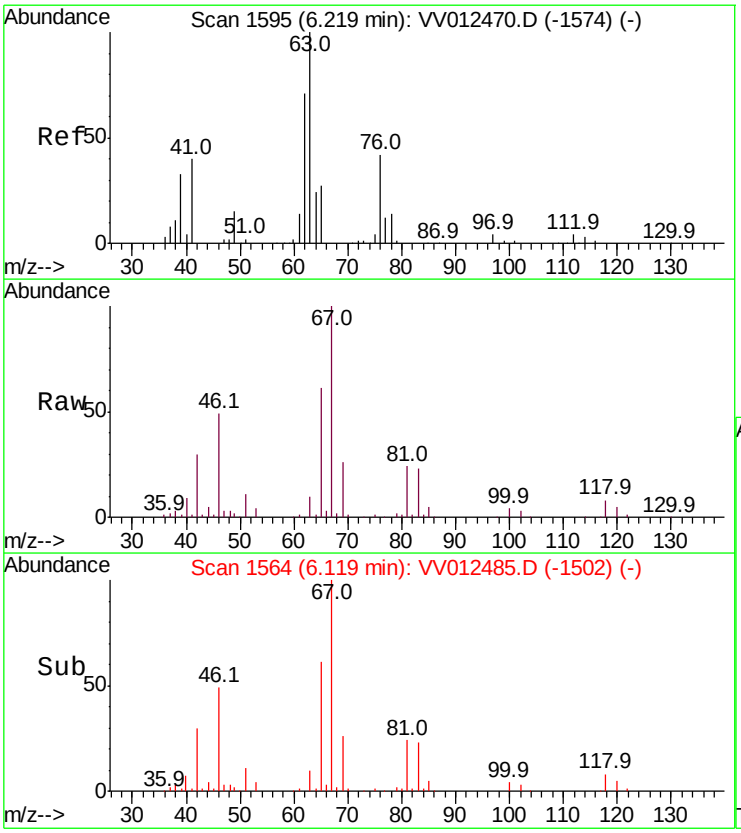
#35
Methylcyclohexane
Concen: 0.481 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 24247

Ion	Ratio	Lower	Upper
83	100		
55	0.5	67.8	101.6#
98	0.5	39.2	58.8#

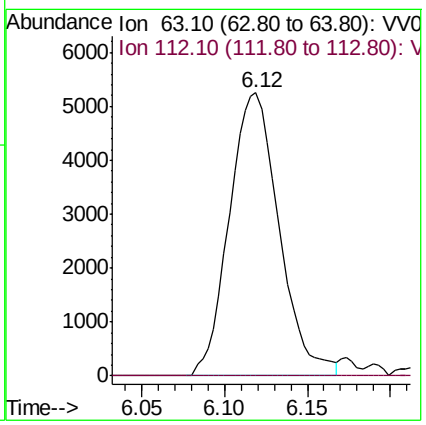


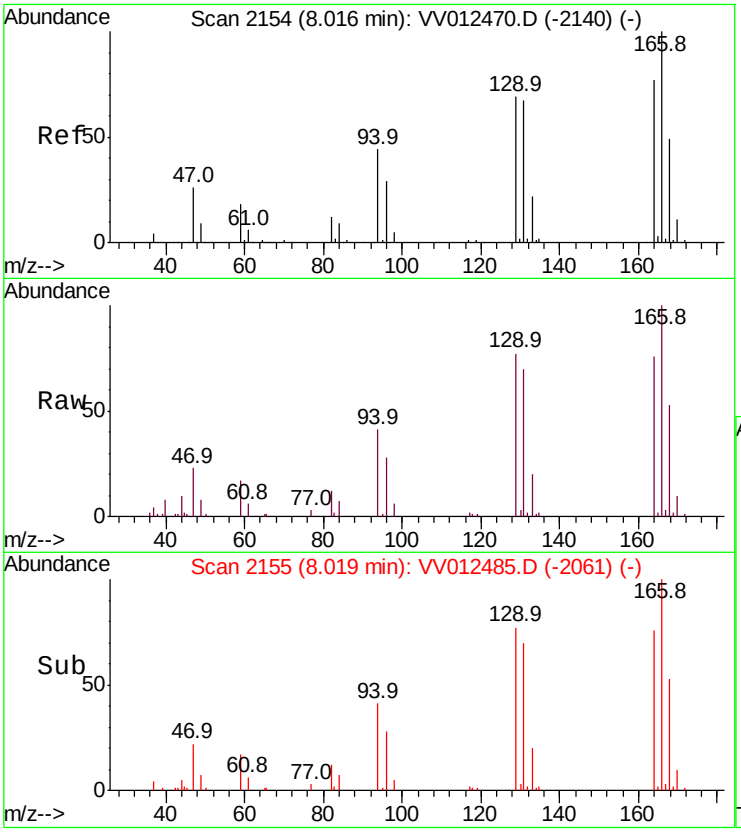


#37
1,2-Dichloropropane
Concen: 0.324 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Tgt Ion: 63 Resp: 10974

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#



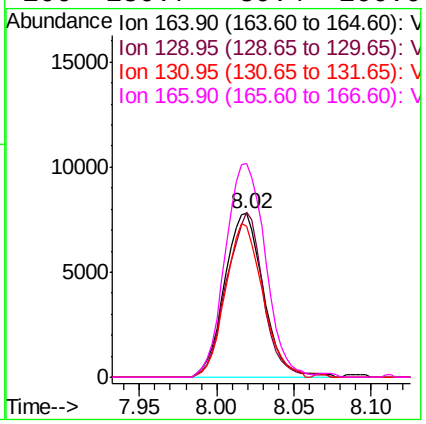


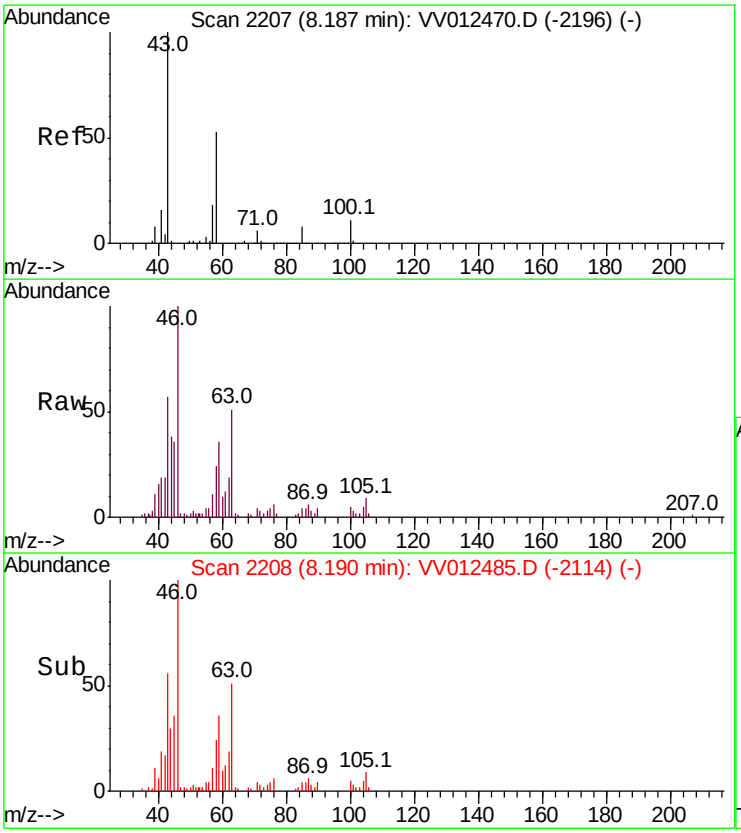
#47
Tetrachloroethene
Concen: 0.511 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 13555

Ion	Ratio	Lower	Upper
164	100		
129	101.0	65.6	121.8
131	92.2	63.3	117.5
166	130.7	89.4	166.0

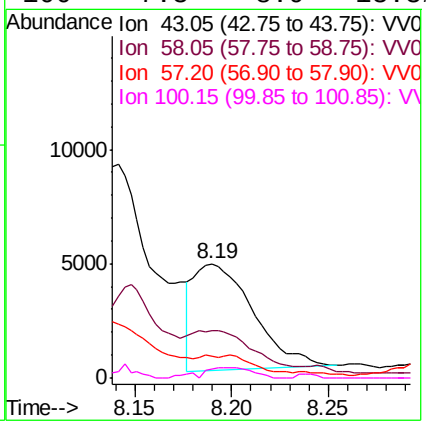


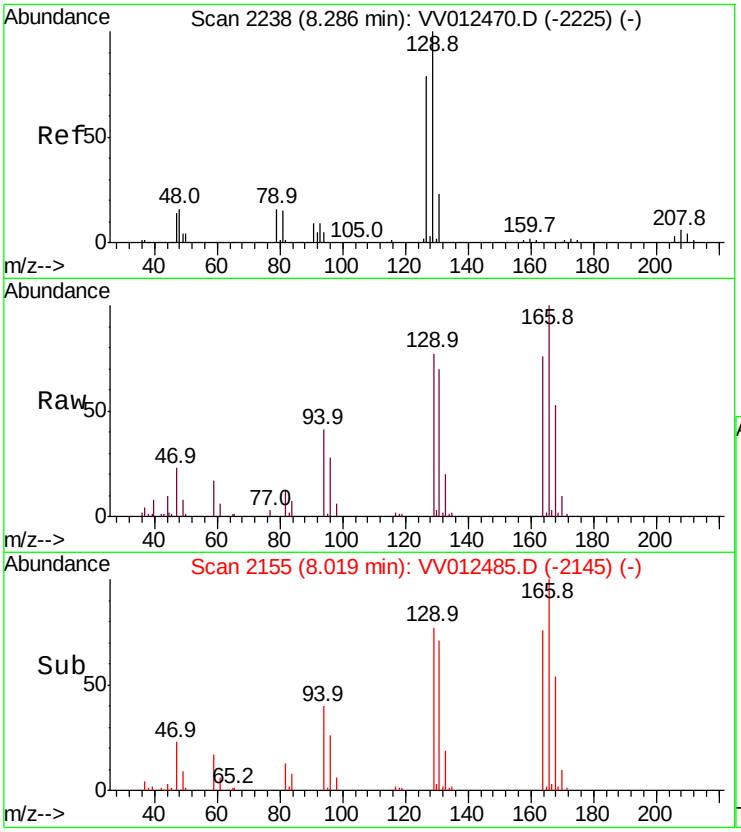


#48
2-Hexanone
Concen: 0.757 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Tgt Ion: 43 Resp: 9905

Ion	Ratio	Lower	Upper
43	100		
58	35.2	43.6	65.4#
57	0.0	14.2	21.2#
100	7.3	8.9	13.3#



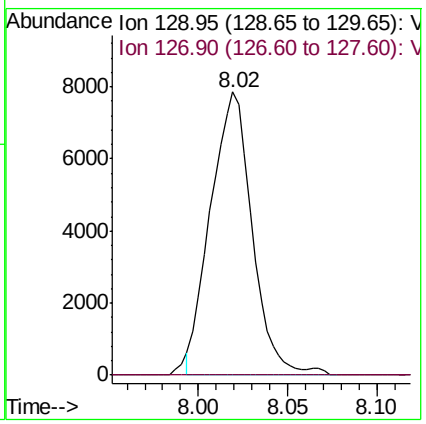


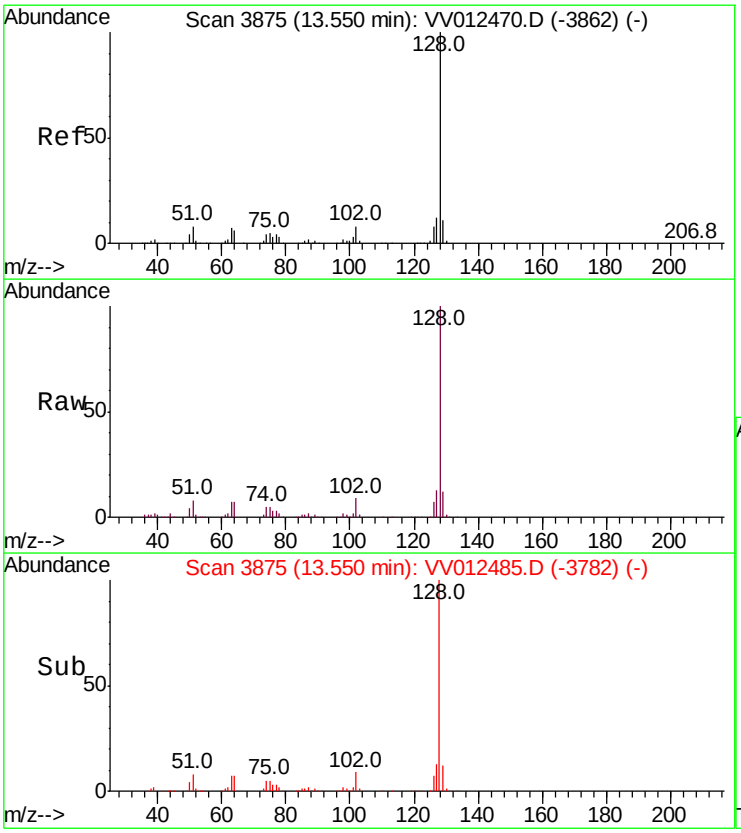
#49
Dibromochloromethane
Concen: 0.491 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 12712

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#





#69
Naphthalene
Concen: 2.933 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. -0.00 min
Lab File: VV012485.D
Acq: 31 Aug 2019 07:47

Tgt Ion:128 Resp: 138252

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.7	10.7	16.1