Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
Data File : VR025510.D
Acq On : 18 Jul 2018 17:12
Operator : SY/MD
Sample : J4002-11
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : C0AG8

Quant Time: Jul 19 05:18:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 05:17:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	597440	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	500299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153653	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	80708	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	2.63	69	64256	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	3.63	63	193337	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	6.60	46	192403	37.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.22%			
24) Chloroform-d	7.21	84	384299	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	7.90	65	144485	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	7.86	84	830015	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	8.90	67	239010	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	9.97	98	716831	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	10.24	79	50359	3.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.20%			
46) 2-Hexanone-d5	10.59	63	200429	48.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.38%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	102685	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	13.51	152	152497	6.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.20%#			

Target Compounds						Qvalue
5) Vinyl chloride	2.15	62	10905	0.607	ug/L #	61
12) 1,1-Dichloroethene	3.66	96	25669	1.437	ug/L #	27
13) Acetone	3.71	43	4596	1.994	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	16512	0.372	ug/L	86
19) 1,1-Dichloroethane	5.69	63	139085	1.825	ug/L	98
21) 2-Butanone	6.70	43	2172	0.405	ug/L #	49
22) cis-1,2-Dichloroethene	6.68	96	2161059	52.999	ug/L #	97
25) Chloroform	7.22	83	25067	0.342	ug/L	89
34) Trichloroethene	8.71	95	6334161	144.282	ug/L	95
35) Methylcyclohexane	8.90	83	54972	0.937	ug/L #	17
37) 1,2-Dichloropropane	8.99	63	14616	0.365	ug/L #	85
47) Tetrachloroethene	10.52	164	324299	11.313	ug/L	99
48) 2-Hexanone	10.59	43	25853	3.235	ug/L #	70
49) Dibromochloromethane	10.51	129	292310	14.275	ug/L #	9

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
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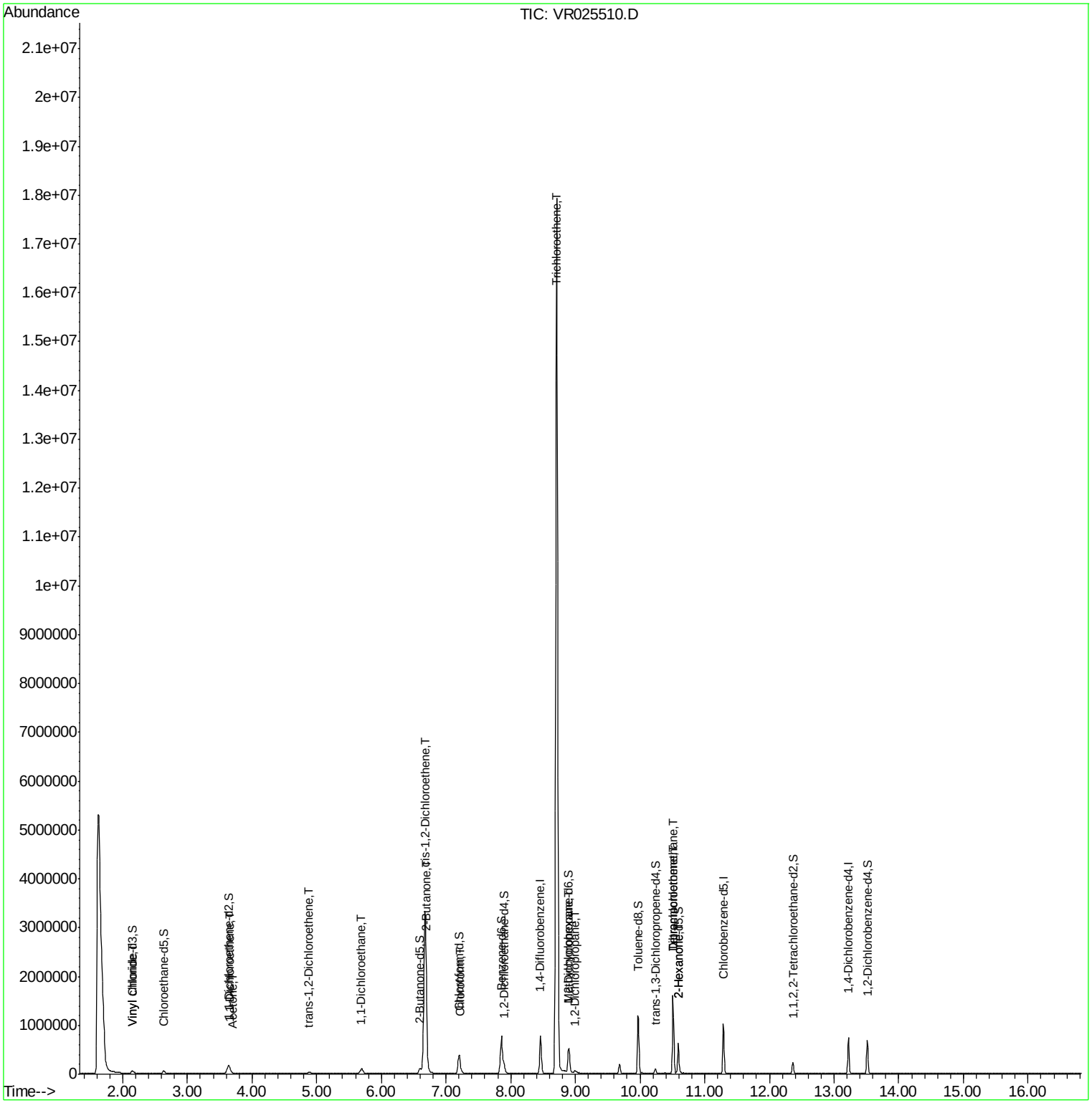
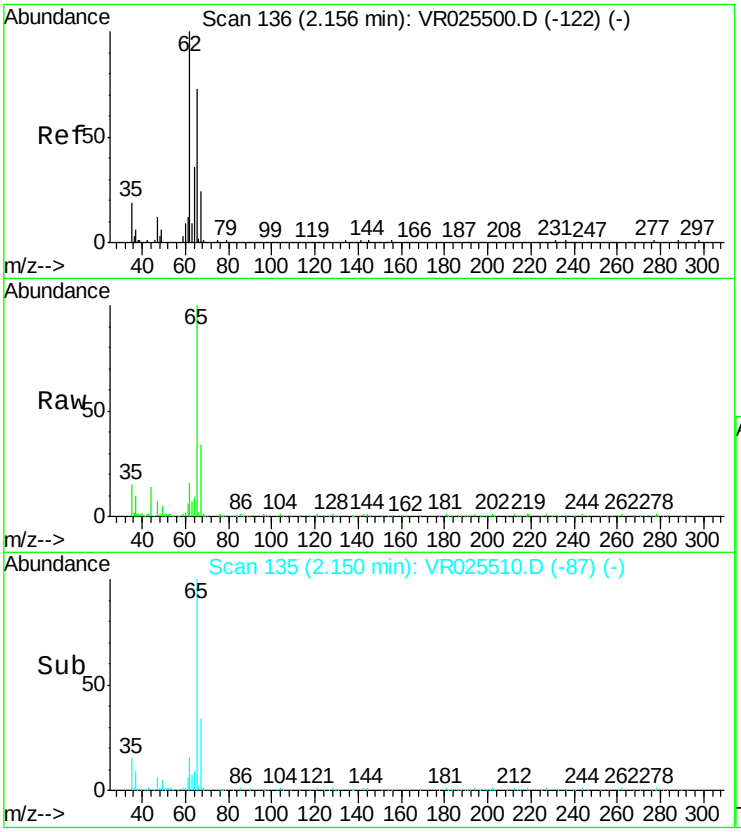
Instrument :
MSVOA_R
ClientSampleId :
C0AG8

Quant Time: Jul 19 05:18:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 05:17:34 2018
Response via : Initial Calibration



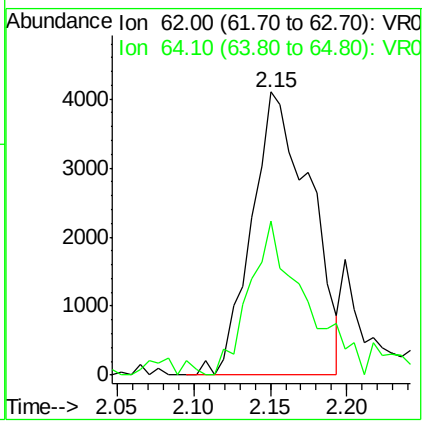


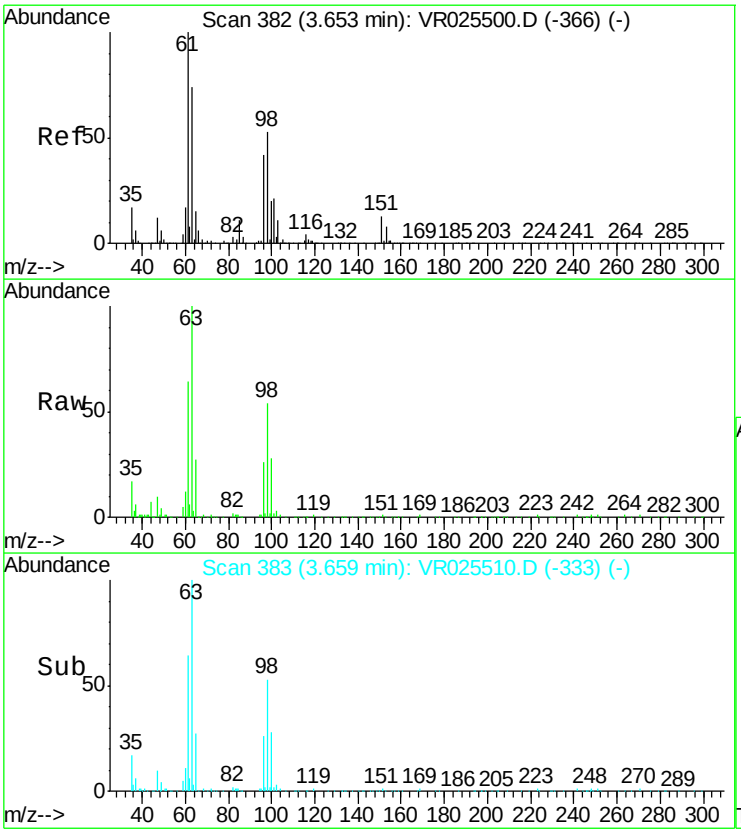
#5
Vinyl chloride
Concen: 0.607 ug/L
RT: 2.15 min Scan# 135
Delta R.T. -0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument : MSVOA_R
ClientSampleId : C0AG8

Tgt Ion: 62 Resp: 10905

Ion	Ratio	Lower	Upper
62	100		
64	54.4	22.8	42.4#

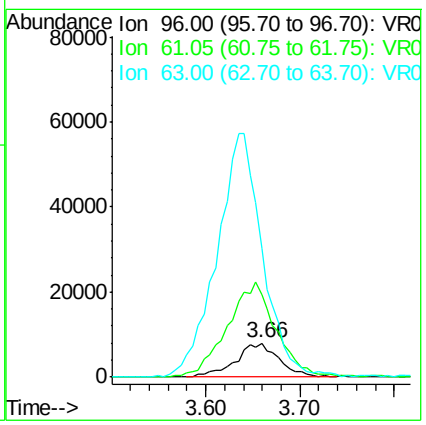


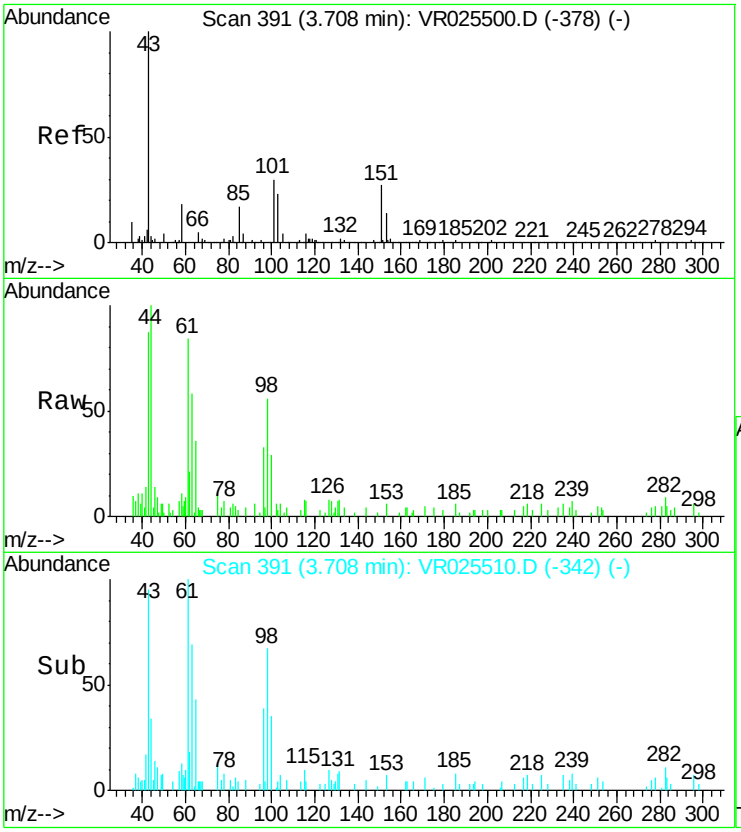


#12
1,1-Dichloroethene
Concen: 1.437 ug/L
RT: 3.66 min Scan# 383
Delta R.T. 0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion: 96 Resp: 25669

Ion	Ratio	Lower	Upper
96	100		
61	243.9	155.0	287.9
63	380.8	122.3	227.1#



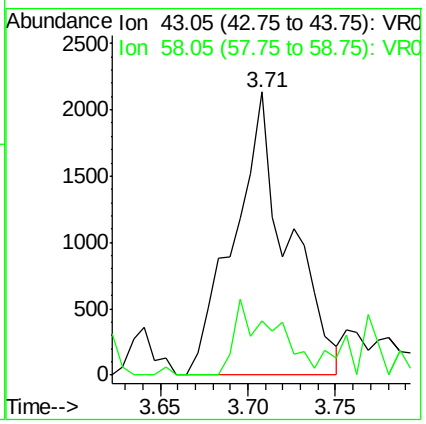


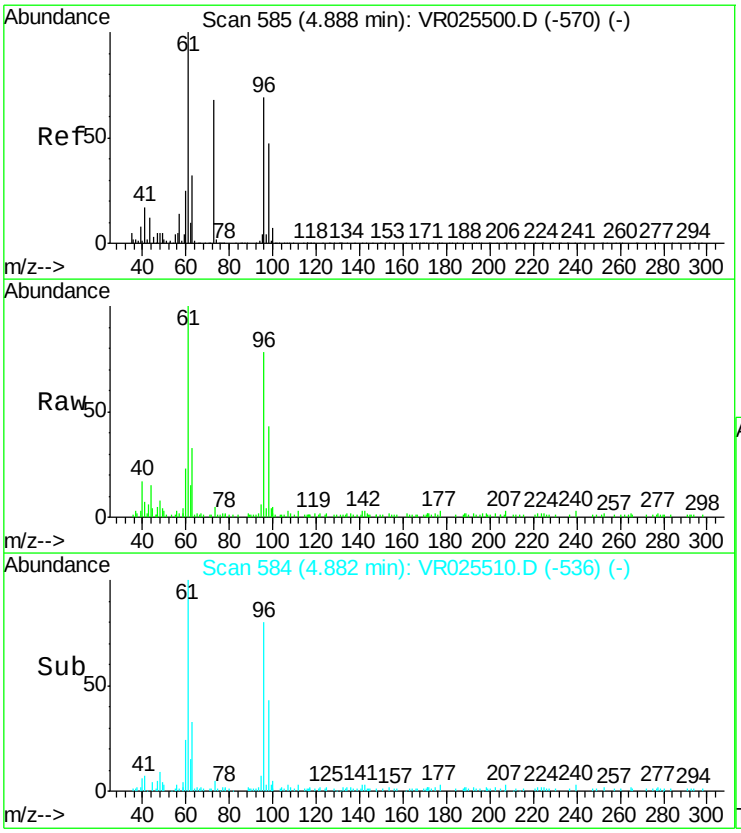
#13
Acetone
Concen: 1.994 ug/L
RT: 3.71 min Scan# 391
Delta R.T. -0.00 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument : MSVOA_R
ClientSampleId : C0AG8

Tgt Ion: 43 Resp: 4596

Ion	Ratio	Lower	Upper
43	100		
58	20.4	0.0	41.6

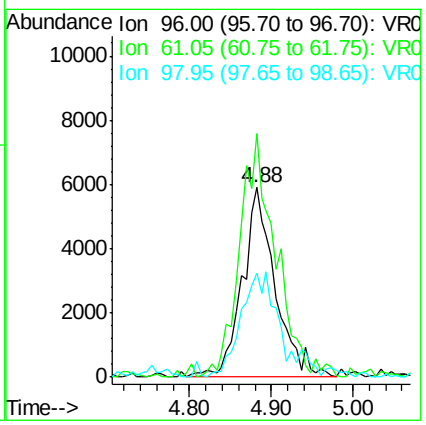


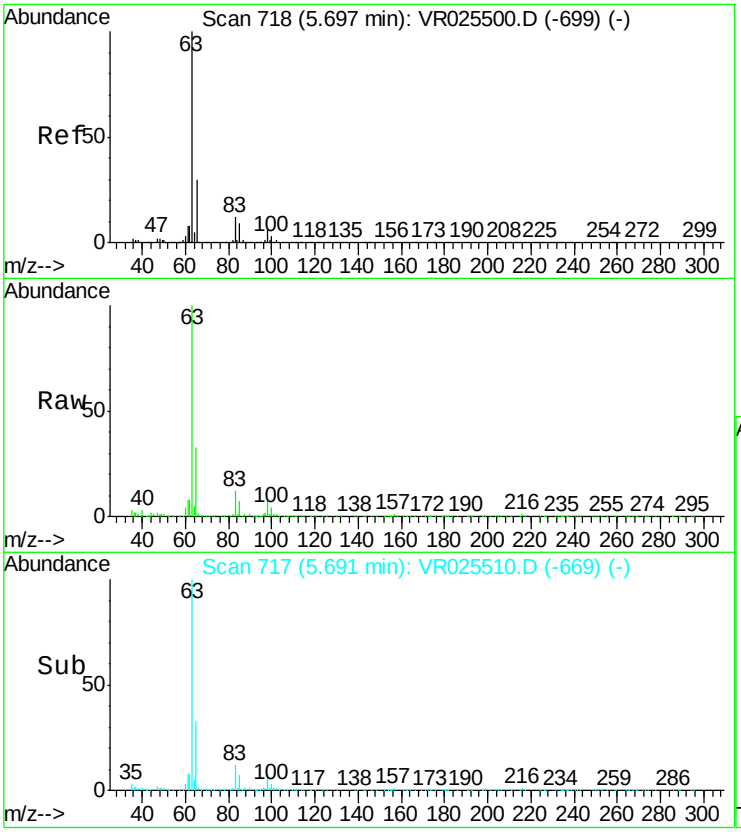


#18
trans-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 4.88 min Scan# 584
Delta R.T. -0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion: 96 Resp: 16512

Ion	Ratio	Lower	Upper
96	100		
61	128.4	104.4	193.8
98	55.1	43.1	80.1



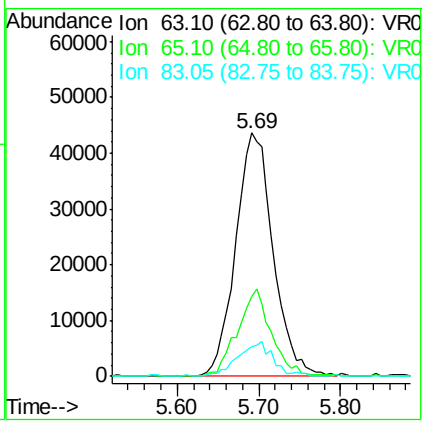


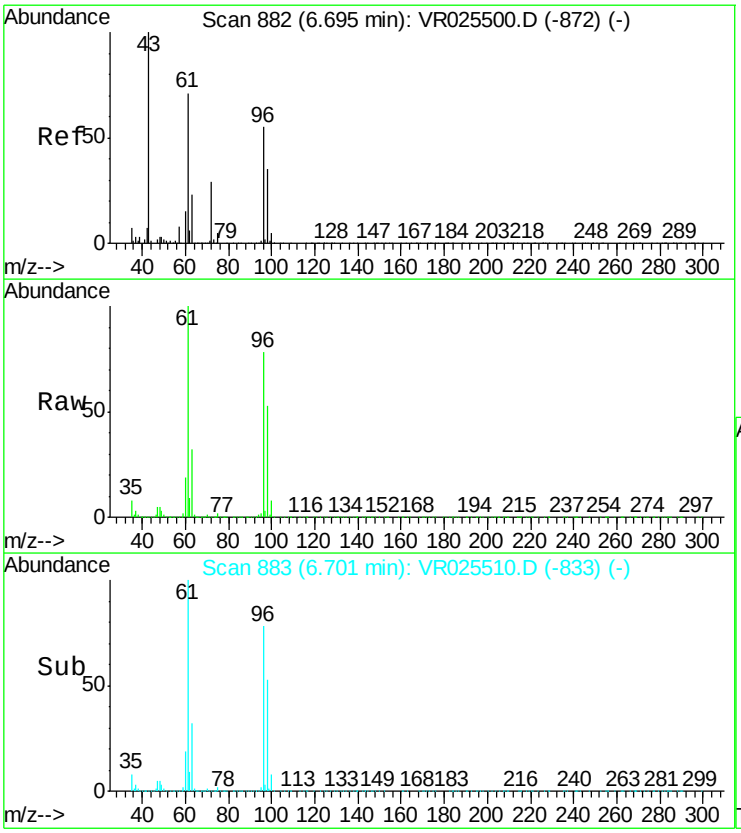
#19
1,1-Dichloroethane
Concen: 1.825 ug/L
RT: 5.69 min Scan# 717
Delta R.T. -0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument :
MSVOA_R
ClientSampleId :
C0AG8

Tgt Ion: 63 Resp: 139085

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.5	41.7
83	12.4	9.5	17.7

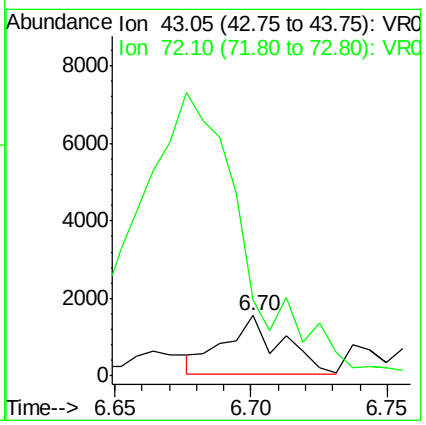


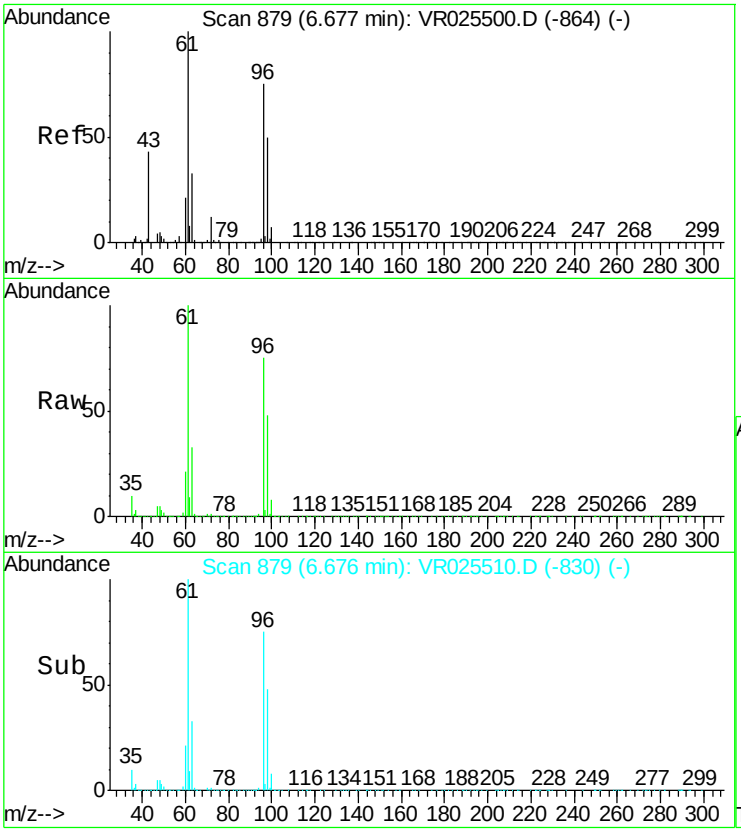


#21
2-Butanone
Concen: 0.405 ug/L
RT: 6.70 min Scan# 883
Delta R.T. 0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion: 43 Resp: 2172

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.0	38.9#



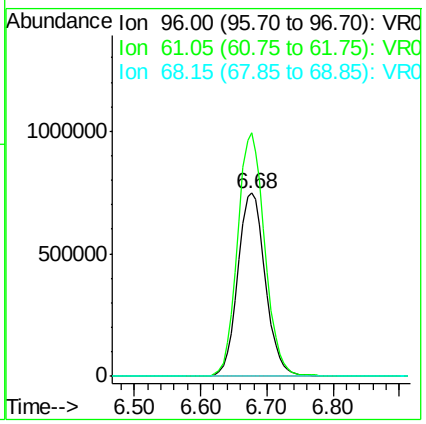


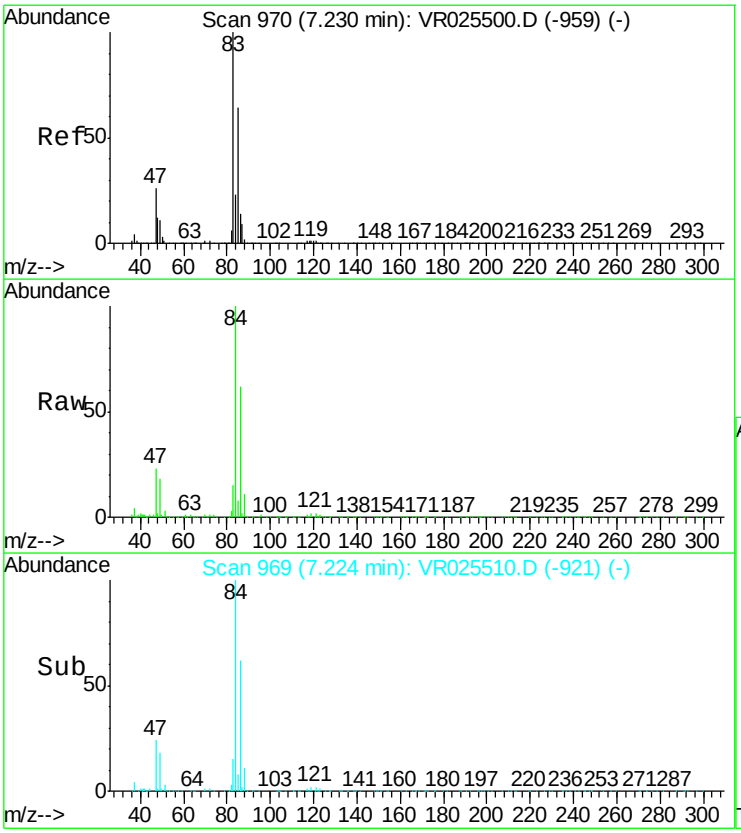
#22
cis-1,2-Dichloroethene
Concen: 52.999 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.00 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument : MSVOA_R
ClientSampleId : C0AG8

Tgt Ion: 96 Resp: 2161059

Ion	Ratio	Lower	Upper
96	100		
61	132.9	91.0	169.0
68	0.0	0.0	0.0#

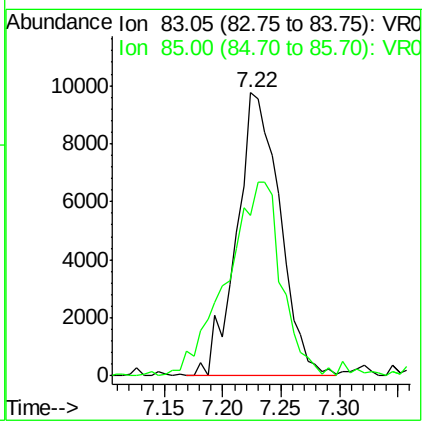


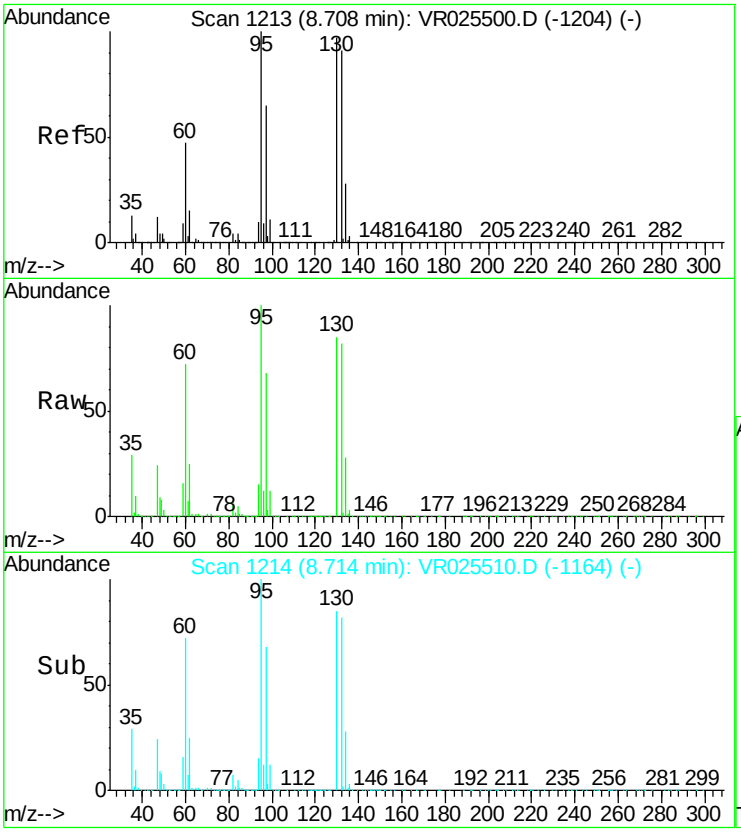


#25
Chloroform
Concen: 0.342 ug/L
RT: 7.22 min Scan# 969
Delta R.T. -0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion: 83 Resp: 25067

Ion	Ratio	Lower	Upper
83	100		
85	56.6	45.4	84.4



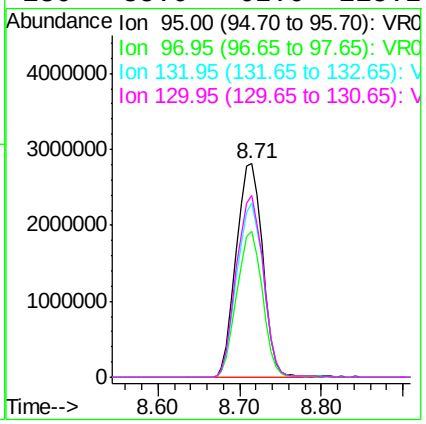


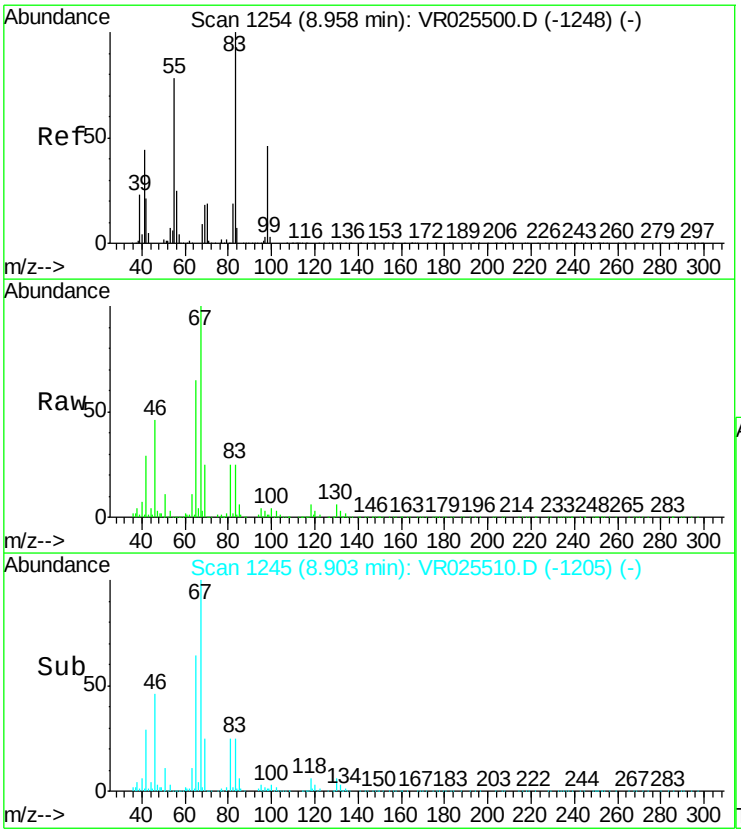
#34
Trichloroethene
Concen: 144.282 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument :
MSVOA_R
ClientSampleId :
C0AG8

Tgt Ion: 95 Resp: 6334161

Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.6	84.6
132	81.7	60.9	113.1
130	85.0	62.0	115.2

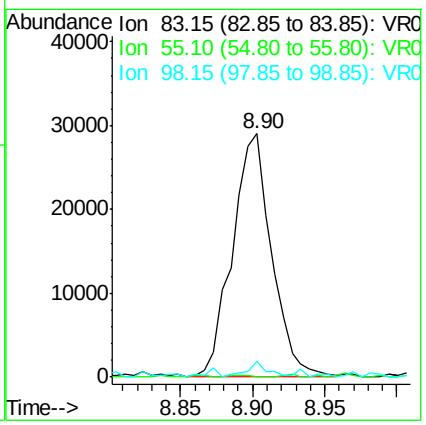


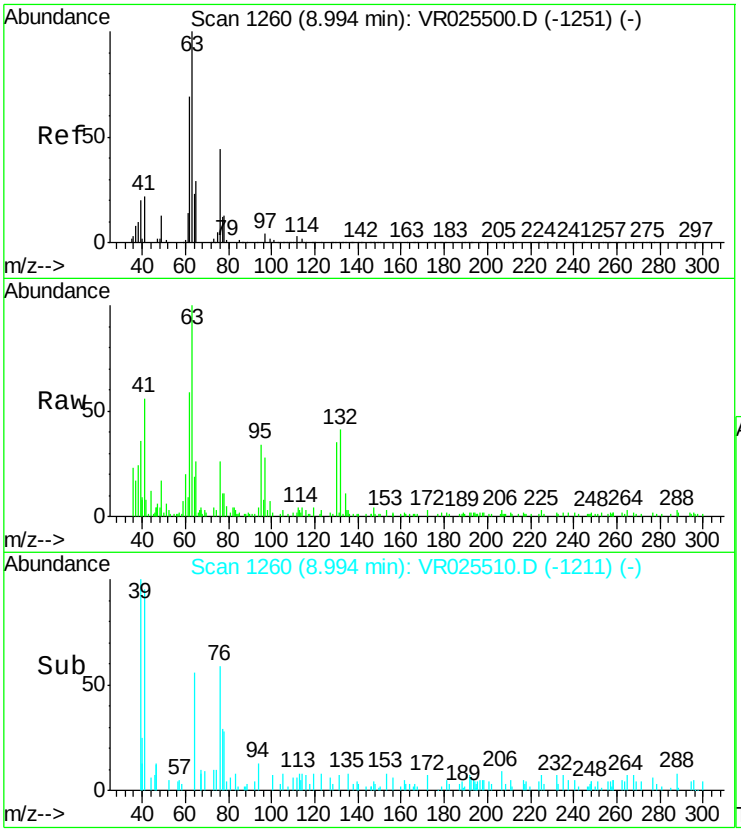


#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion: 83 Resp: 54972

Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.1	99.1#
98	0.0	36.2	54.4#



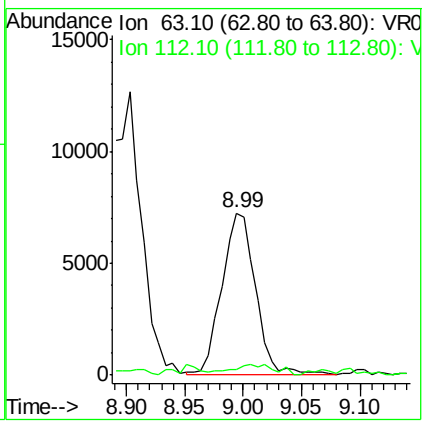


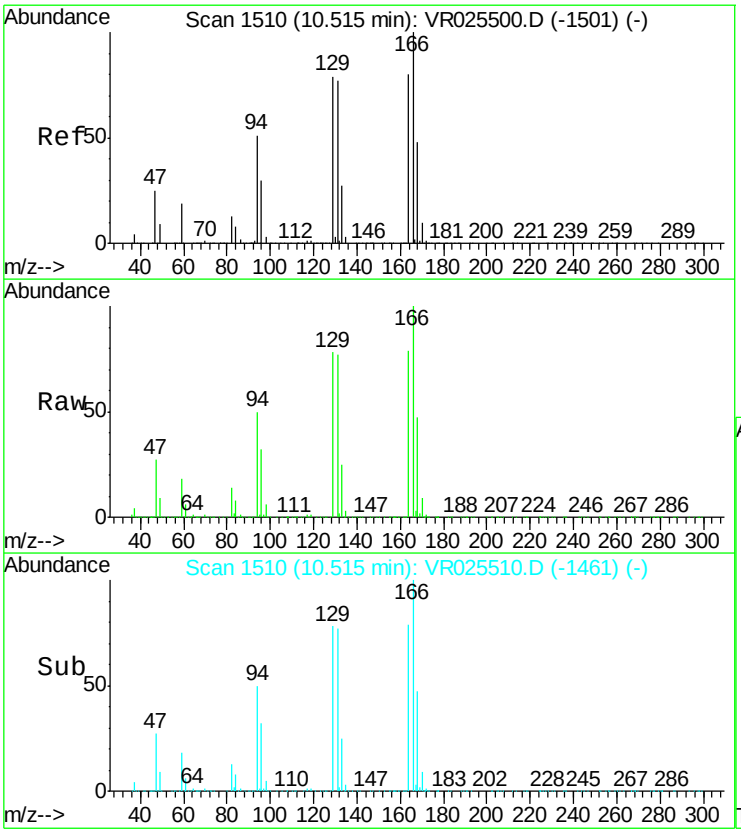
#37
1,2-Dichloropropane
Concen: 0.365 ug/L
RT: 8.99 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument : MSVOA_R
ClientSampleId : C0AG8

Tgt Ion: 63 Resp: 14616

Ion	Ratio	Lower	Upper
63	100		
112	8.5	2.9	4.3#

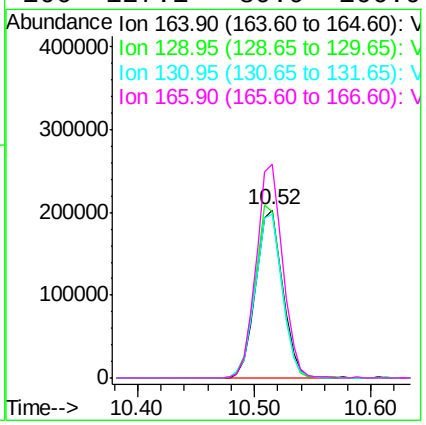


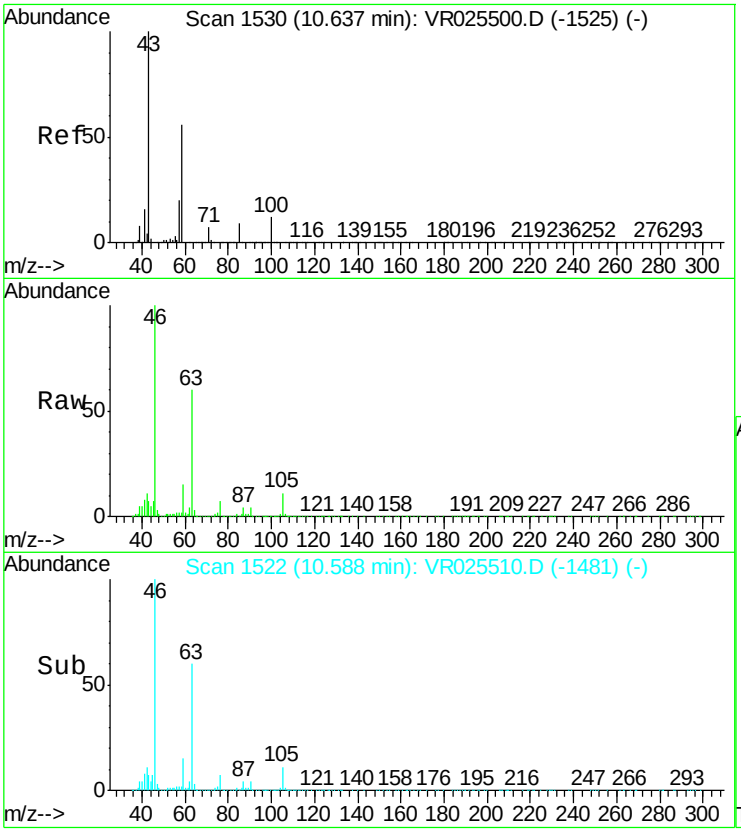


#47
Tetrachloroethene
Concen: 11.313 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion:164 Resp: 324299

Ion	Ratio	Lower	Upper
164	100		
129	99.1	68.1	126.5
131	97.8	68.5	127.1
166	127.1	89.9	166.9



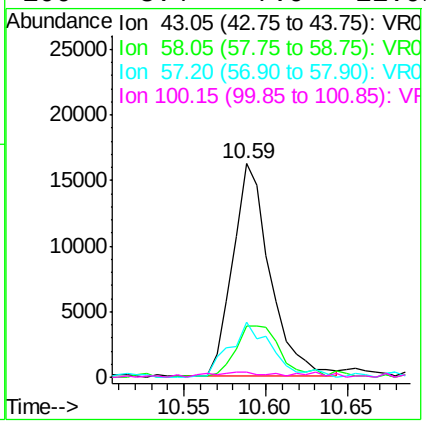


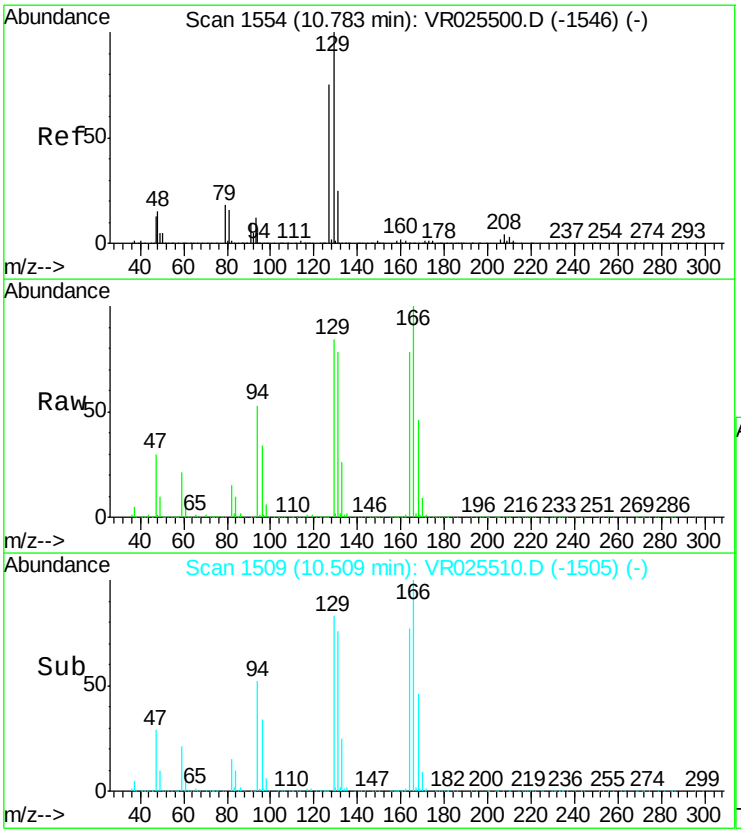
#48
2-Hexanone
Concen: 3.235 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Instrument : MSVOA_R
ClientSampleId : C0AG8

Tgt Ion: 43 Resp: 25853

Ion	Ratio	Lower	Upper
43	100		
58	29.6	43.1	64.7#
57	30.0	15.3	22.9#
100	3.4	7.9	11.9#





#49
Dibromochloromethane
Concen: 14.275 ug/L
RT: 10.51 min Scan# 1509
Delta R.T. -0.27 min
Lab File: VR025510.D
Acq: 18 Jul 2018 17:12

Tgt Ion:129 Resp: 292310

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.9	103.7#