Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR073018\
Data File : VR025545.D
Acq On : 30 Jul 2018 18:22
Operator : SY/MD
Sample : J4202-01 500X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Jul 31 08:27:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	612591	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	499193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	176361	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	173013	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	2.63	69	129047	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.20%			
11) 1,1-Dichloroethene-d2	3.64	63	313718	3.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.60%			
20) 2-Butanone-d5	6.62	46	177869	56.69	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.38%			
24) Chloroform-d	7.21	84	297494	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	7.90	65	107140	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	7.86	84	672601	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	8.90	67	181159	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	9.97	98	620177	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	10.24	79	40445	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	10.59	63	155923	54.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.56%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77031	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	148388	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
5) Vinyl chloride	2.16	62	36883	0.797	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	21657	0.530	ug/L #	77
12) 1,1-Dichloroethene	3.67	96	19767	0.452	ug/L #	1
13) Acetone	3.71	43	42518	16.123	ug/L	93
18) trans-1,2-Dichloroethene	4.88	96	142911	3.410	ug/L	93
21) 2-Butanone	6.69	43	1457	0.398	ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	15290314	399.483	ug/L #	94
34) Trichloroethene	8.71	95	59652	1.555	ug/L	98
35) Methylcyclohexane	8.90	83	40273	0.698	ug/L #	22
37) 1,2-Dichloropropane	8.90	63	17797	0.548	ug/L #	95
42) Toluene	10.03	91	108224	0.659	ug/L	98
48) 2-Hexanone	10.59	43	19733	3.199	ug/L #	63

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

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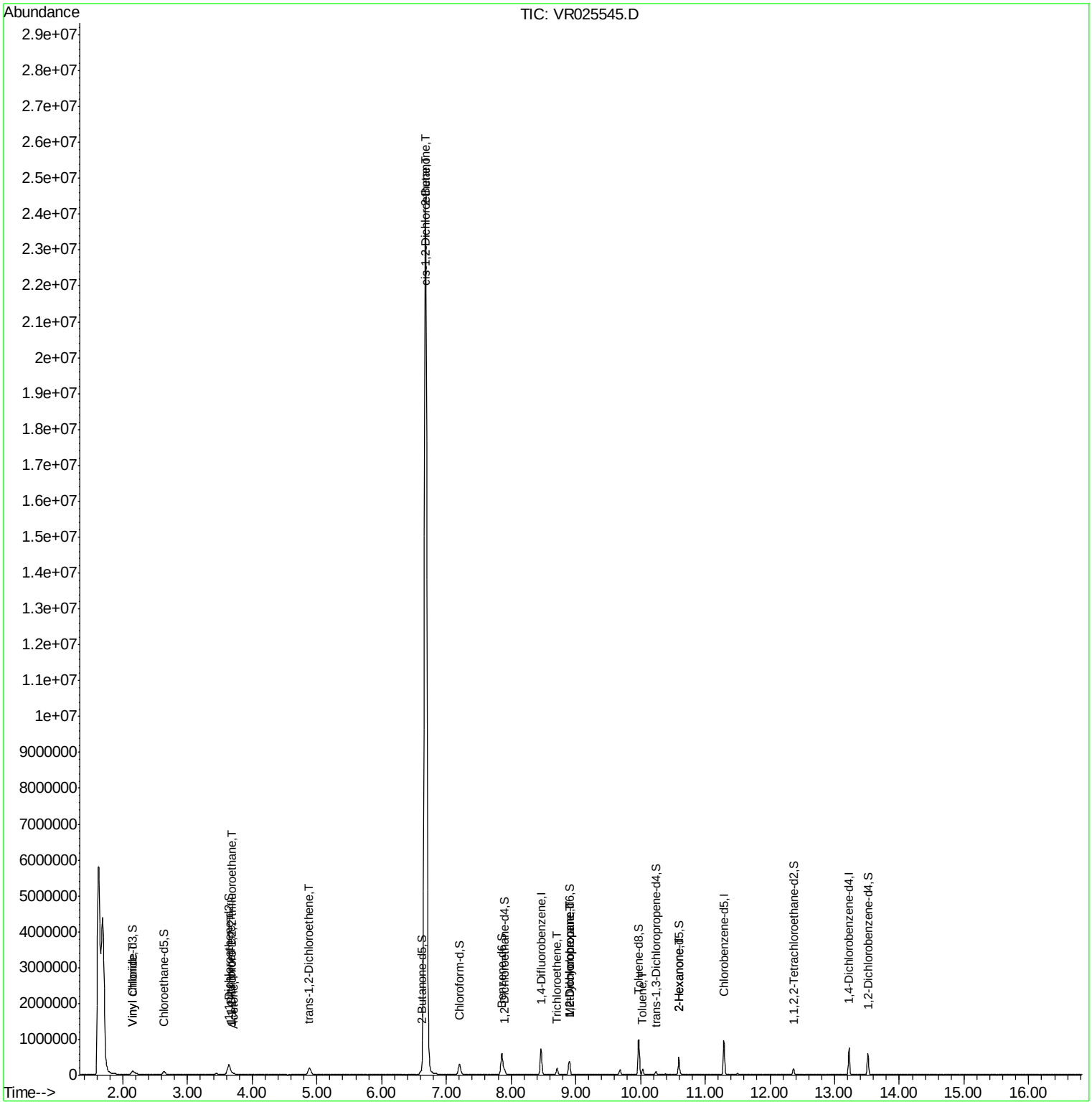
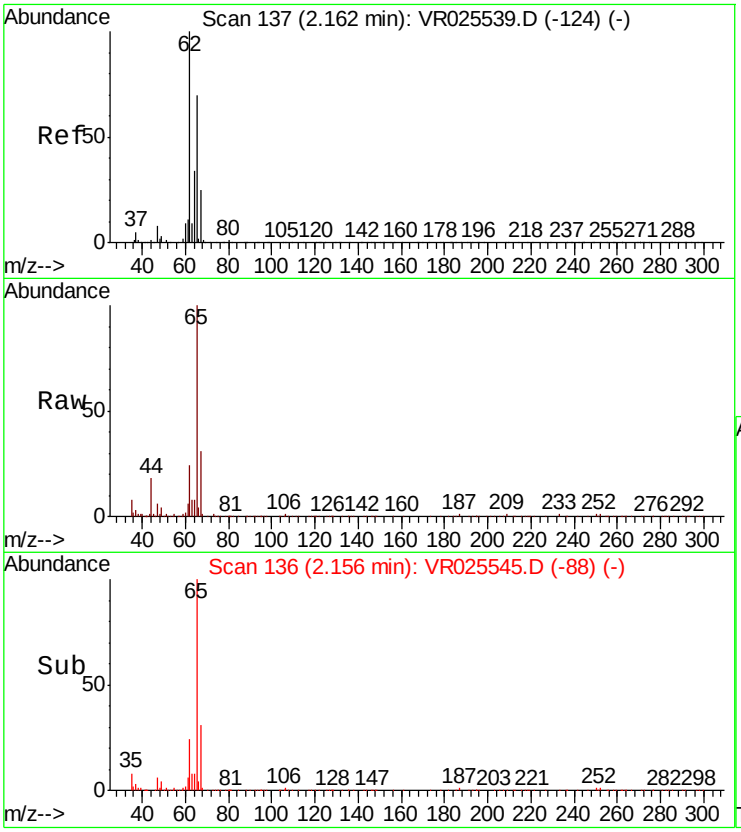
MSVOA_R
ClientSampleId :

Quant Time: Jul 31 08:27:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:41 2018
Response via : Initial Calibration



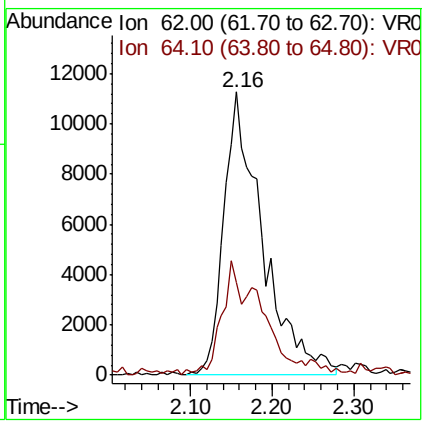


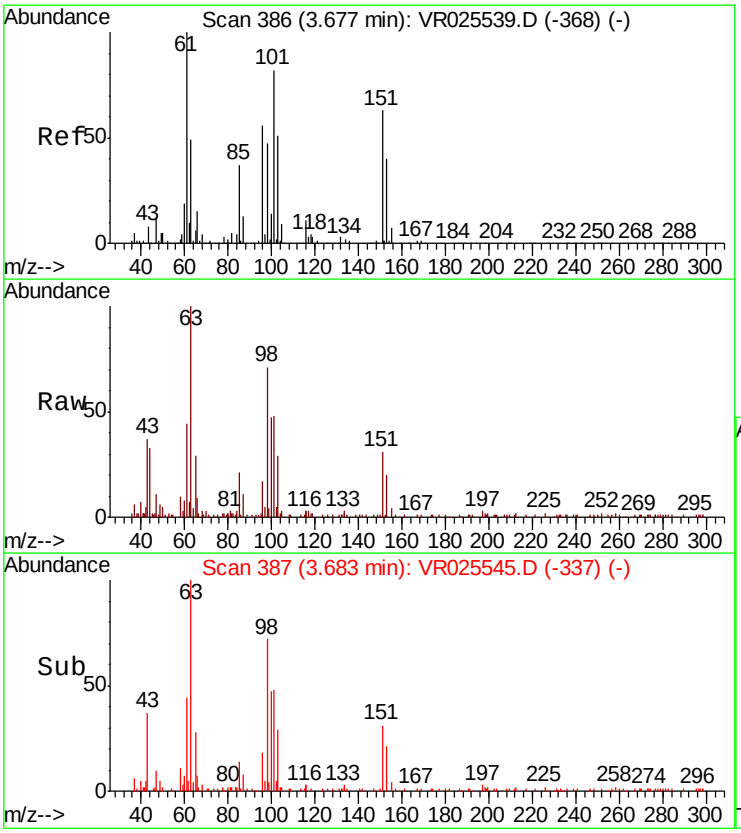
#5
Vinyl chloride
Concen: 0.797 ug/L
RT: 2.16 min Scan# 136
Delta R.T. -0.01 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 62 Resp: 36883

Ion	Ratio	Lower	Upper
62	100		
64	32.8	24.1	44.8

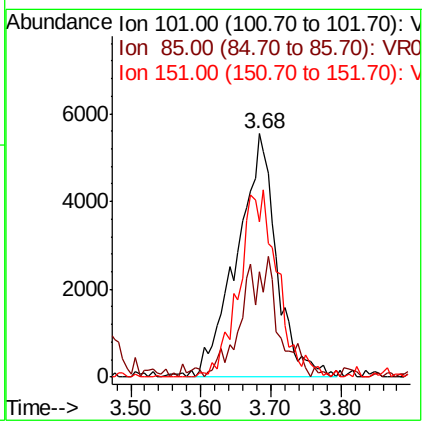


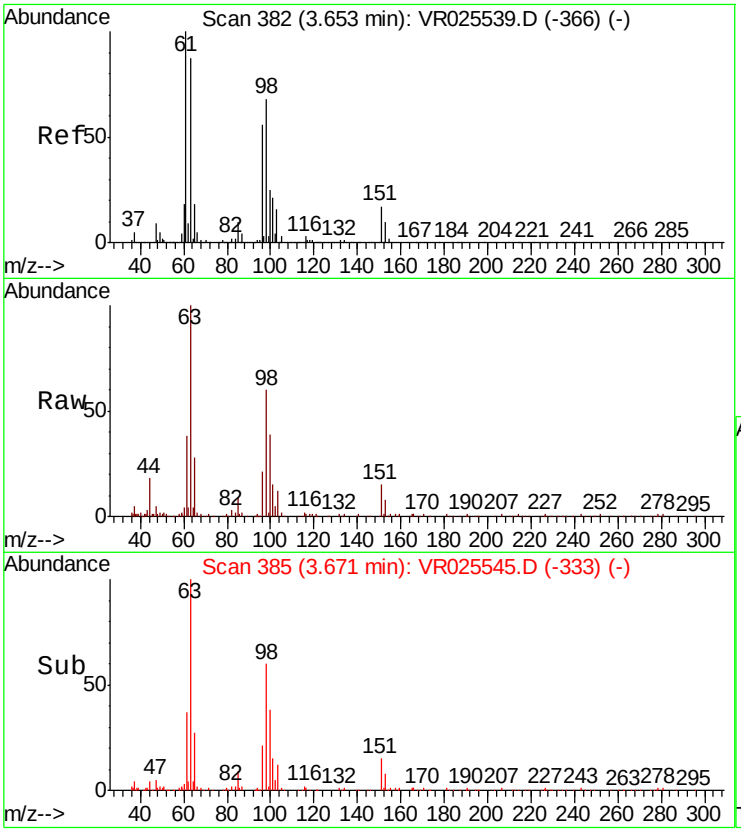


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.530 ug/L
RT: 3.68 min Scan# 387
Delta R.T. 0.01 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Tgt Ion:101 Resp: 21657

Ion	Ratio	Lower	Upper
101	100		
85	13.4	37.4	56.0#
151	72.1	61.9	92.9



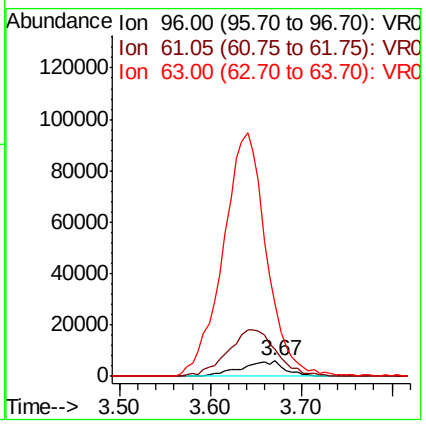


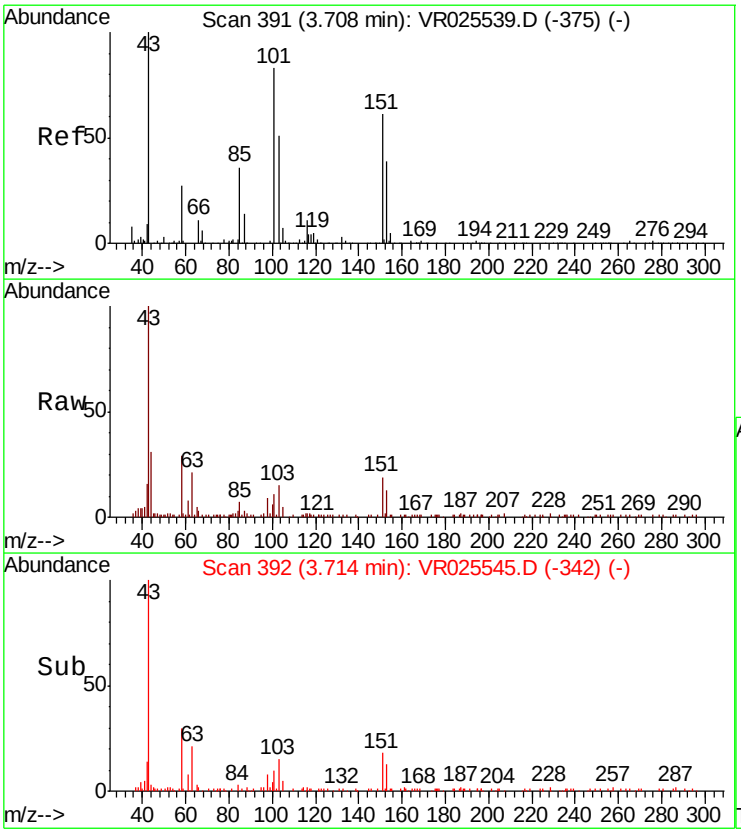
#12
1,1-Dichloroethene
Concen: 0.452 ug/L
RT: 3.67 min Scan# 385
Delta R.T. 0.02 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Instrument : MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp: 19767

Ion	Ratio	Lower	Upper
96	100		
61	178.0	124.3	230.8
63	473.2	108.1	200.7#

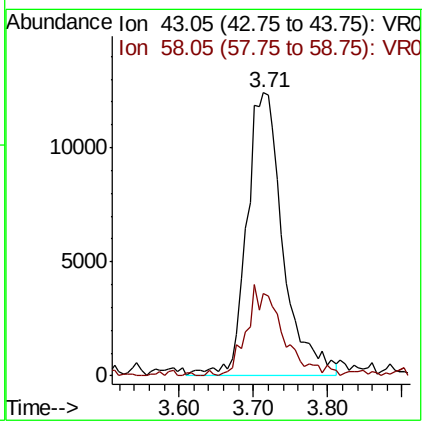


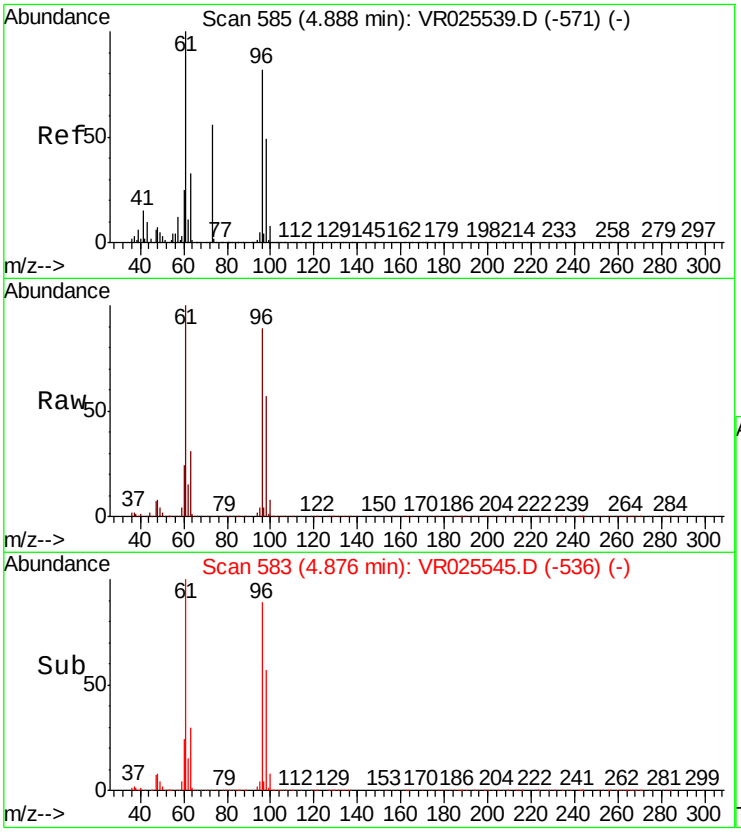


#13
Acetone
Concen: 16.123 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Tgt Ion: 43 Resp: 42518

Ion	Ratio	Lower	Upper
43	100		
58	30.3	0.0	53.4



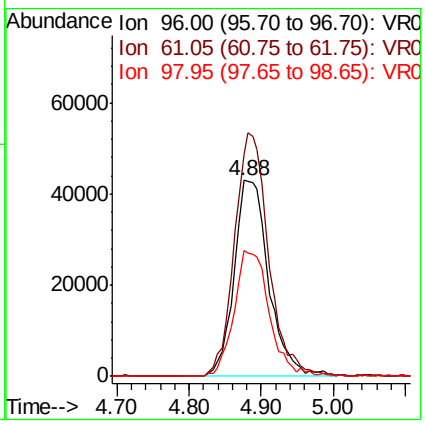


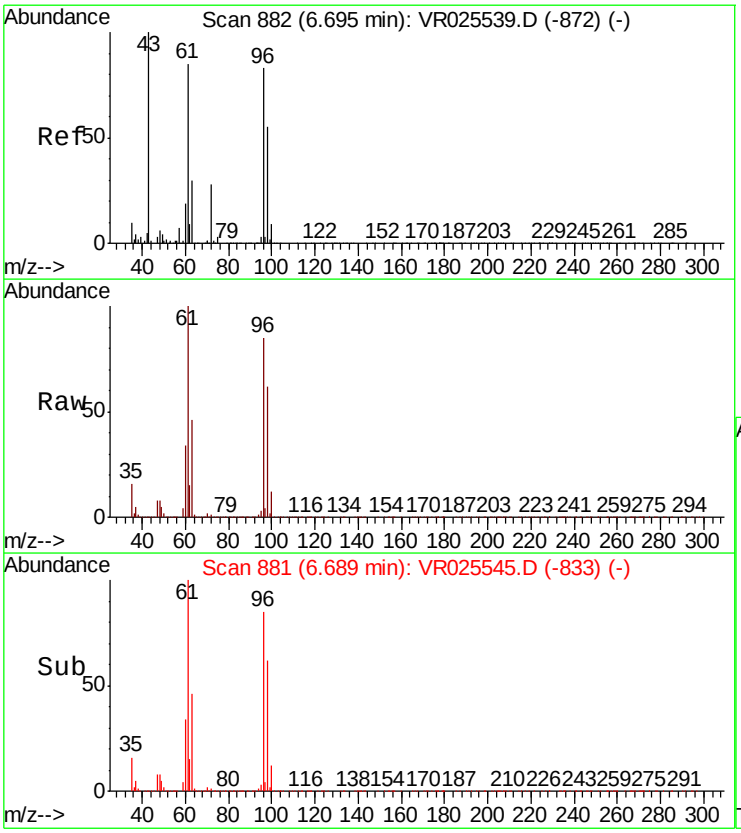
#18
trans-1,2-Dichloroethene
Concen: 3.410 ug/L
RT: 4.88 min Scan# 583
Delta R.T. -0.01 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Instrument : MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp: 142911

Ion	Ratio	Lower	Upper
96	100		
61	112.9	85.5	158.9
98	64.4	42.1	78.1

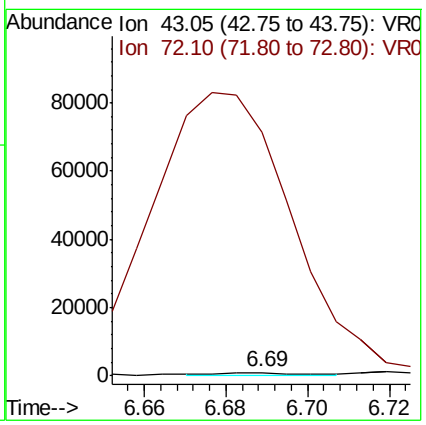


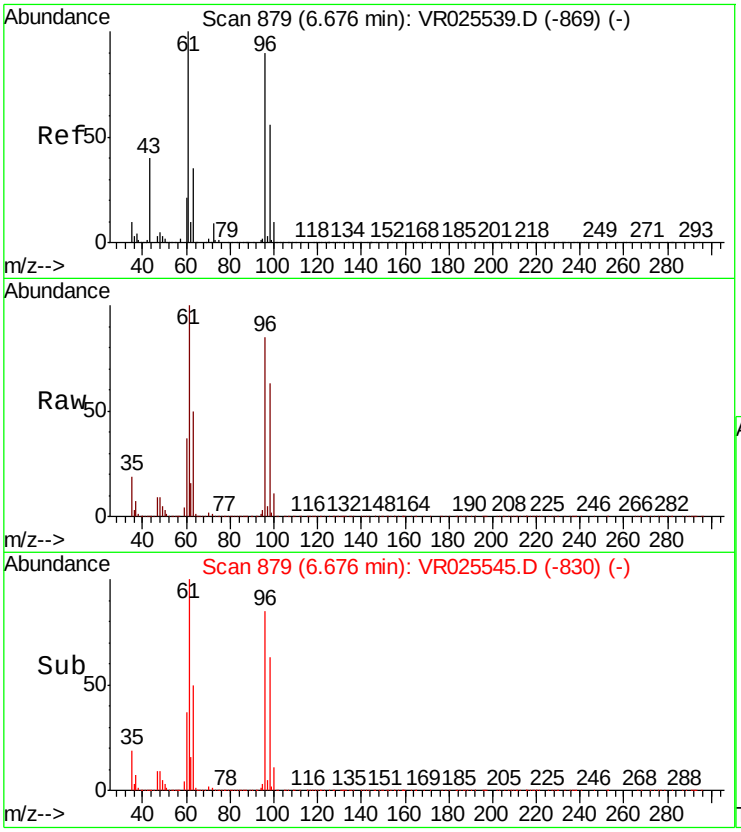


#21
2-Butanone
Concen: 0.398 ug/L
RT: 6.69 min Scan# 881
Delta R.T. -0.01 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Tgt Ion: 43 Resp: 1457

Ion	Ratio	Lower	Upper
43	100		
72	14100.5	13.2	39.6#



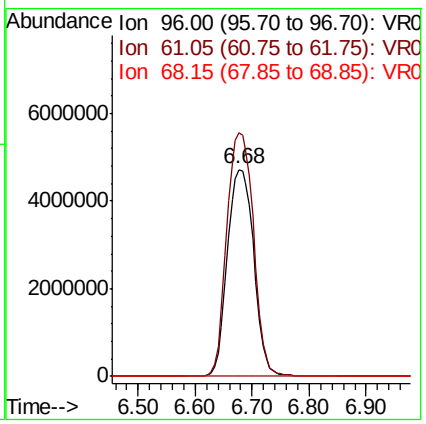


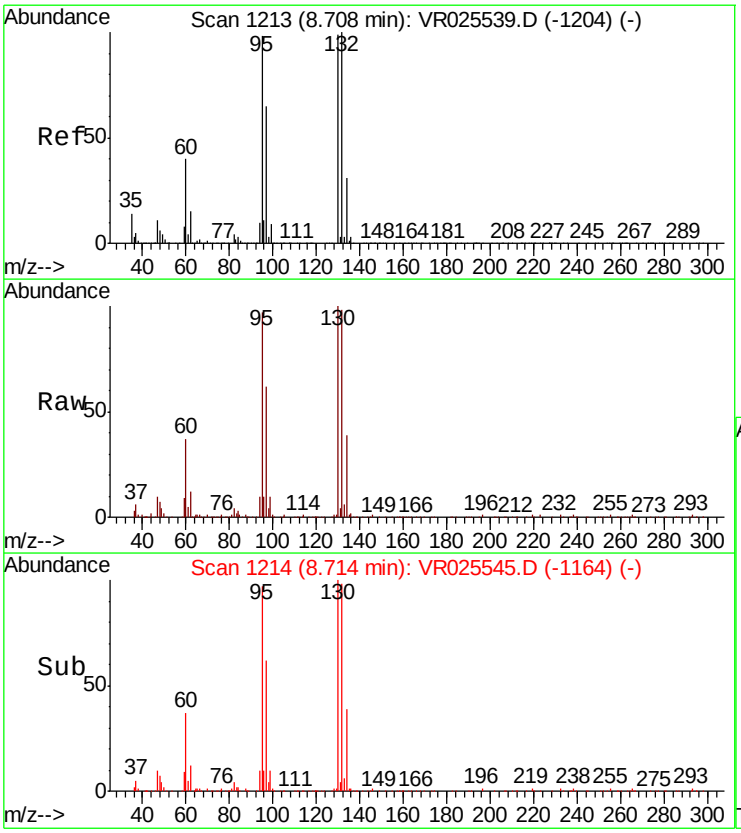
#22
cis-1,2-Dichloroethene
Concen: 399.483 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 96 Resp:15290314

Ion	Ratio	Lower	Upper
96	100		
61	117.8	77.7	144.3
68	0.0	0.0	0.0#

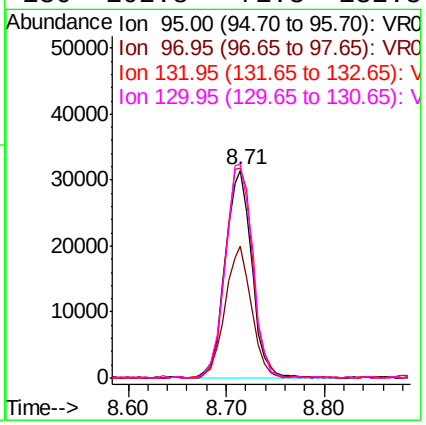


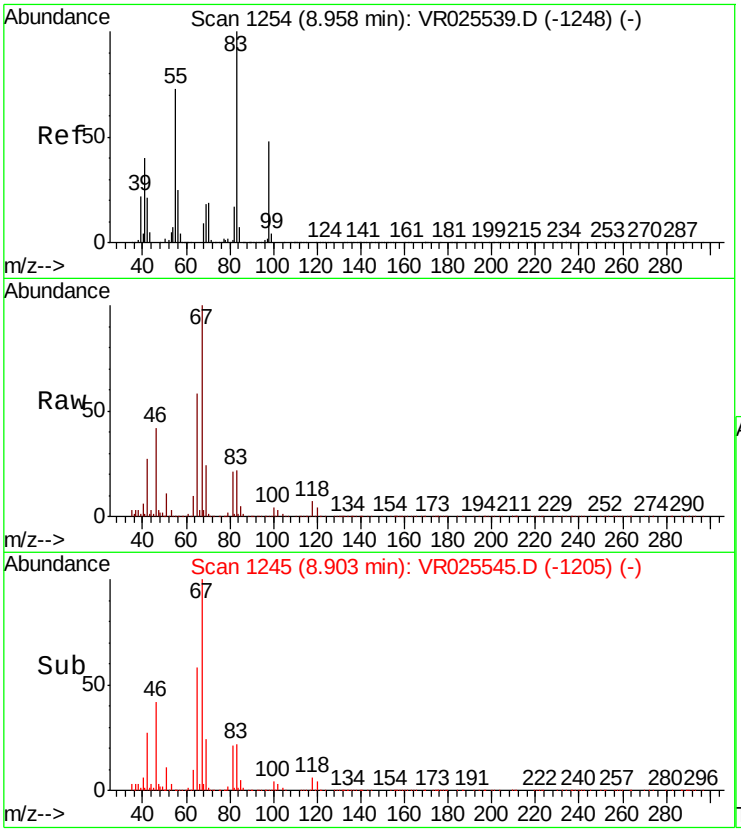


#34
Trichloroethene
Concen: 1.555 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Tgt Ion: 95 Resp: 59652

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.7	86.7
132	101.1	71.7	133.1
130	102.8	71.3	132.3



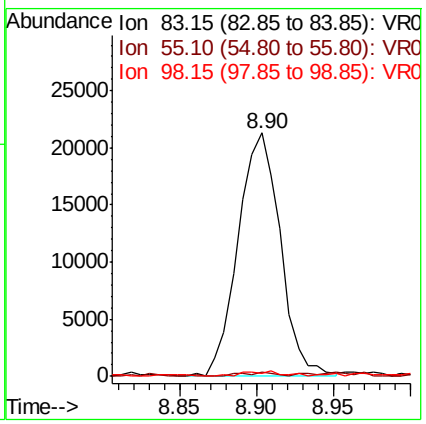


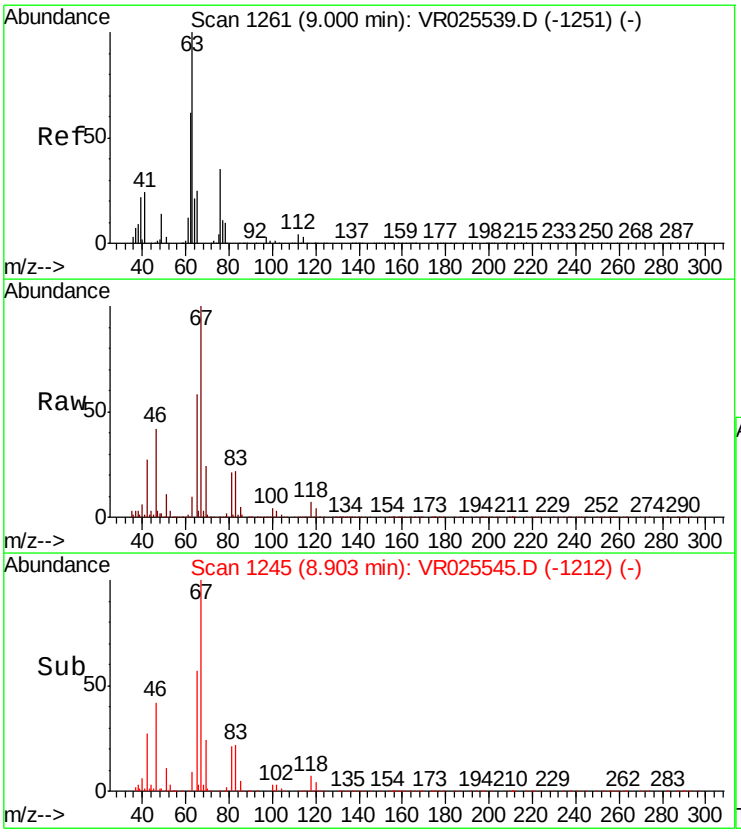
#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 83 Resp: 40273

Ion	Ratio	Lower	Upper
83	100		
55	1.4	58.3	87.5#
98	2.1	37.8	56.6#

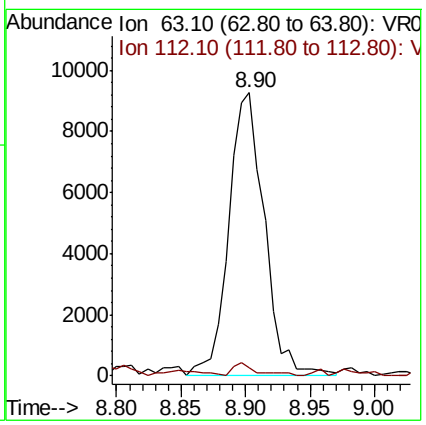


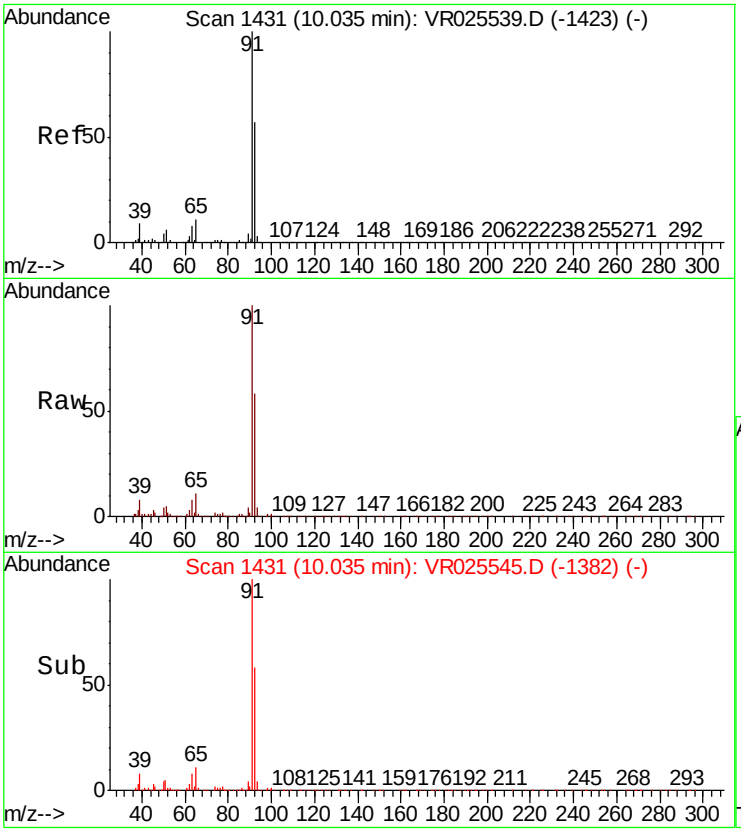


#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.10 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Tgt Ion: 63 Resp: 17797

Ion	Ratio	Lower	Upper
63	100		
112	2.4	3.3	4.9#



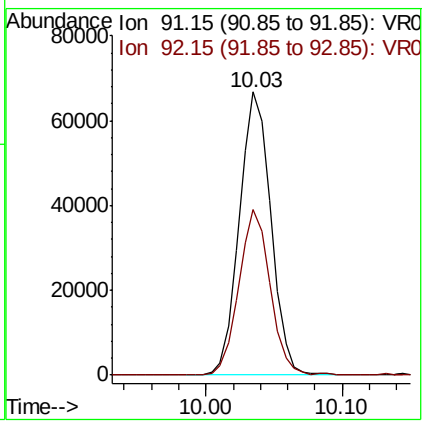


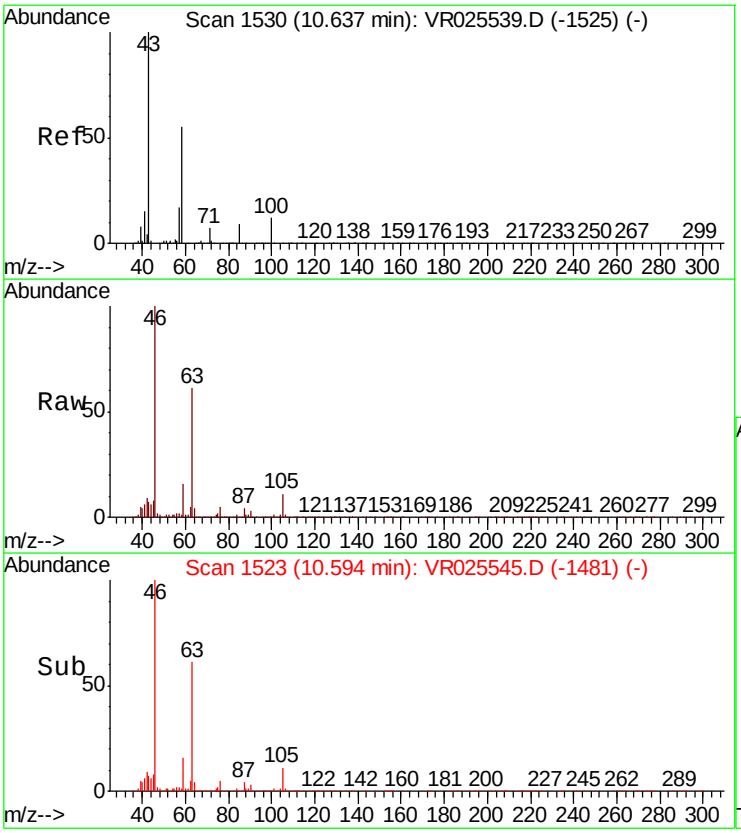
#42
Toluene
Concen: 0.659 ug/L
RT: 10.03 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 91 Resp: 108224

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.6	73.6





#48
2-Hexanone
Concen: 3.199 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025545.D
Acq: 30 Jul 2018 18:22

Tgt Ion: 43 Resp: 19733

Ion	Ratio	Lower	Upper
43	100		
58	23.5	45.0	67.6#
57	29.9	15.8	23.6#
100	3.4	9.3	13.9#