Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062518\
Data File : VR025431.D
Acq On : 25 Jun 2018 16:19
Operator : SY/MD
Sample : J3673-13MS
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DAZA7MS

Manual Integrations APPROVED
MMDadoda
6/28/2018 5:14:43 PM

Quant Time: Jun 26 02:05:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	562456	5.00	ug/L	0.02
28) Chlorobenzene-d5	11.29	117	420267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	141401	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	84397	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	2.63	69	56178	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	3.66	63	522556	10.60	ug/L	0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 212.00%#			
20) 2-Butanone-d5	6.60	46	5917	1.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 2.30%#			
24) Chloroform-d	7.21	84	341255	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	7.90	65	143849	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	7.87	84	713342	5.00	ug/L	0.01
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	8.95	67	168093	4.15	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.00%			
41) Toluene-d8	9.97	98	549024	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	10.24	79	62281	5.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.60%			
46) 2-Hexanone-d5	10.59	63	220423	58.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.90%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83403	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	13.51	152	131662	5.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.80%			
Target Compounds						Qvalue
5) Vinyl chloride	2.16	62	2609343	112.04	ug/L	99
12) 1,1-Dichloroethene	3.67	96	575063	29.09	ug/L #	66
13) Acetone	3.71	43	43296	18.67	ug/L	92
18) trans-1,2-Dichloroethene	4.94	96	20277410	498.90	ug/L	97
19) 1,1-Dichloroethane	5.70	63	110666	1.45	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	45732975	1078.27	ug/L #	84
25) Chloroform	7.24	83	64066	0.92	ug/L	95
27) 1,2-Dichloroethane	8.00	62	53569	1.68	ug/L #	89
33) Benzene	7.92	78	1172479	7.11	ug/L	100
34) Trichloroethene	8.82	95	90919647m	2277.47	ug/L	
42) Toluene	10.04	91	1005194	5.68	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	82208	4.83	ug/L	93
47) Tetrachloroethene	10.52	164	462148	17.34	ug/L	95
51) Chlorobenzene	11.32	112	504388	5.33	ug/L	99

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

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
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QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
DAZA7MS

Manual Integrations APPROVED
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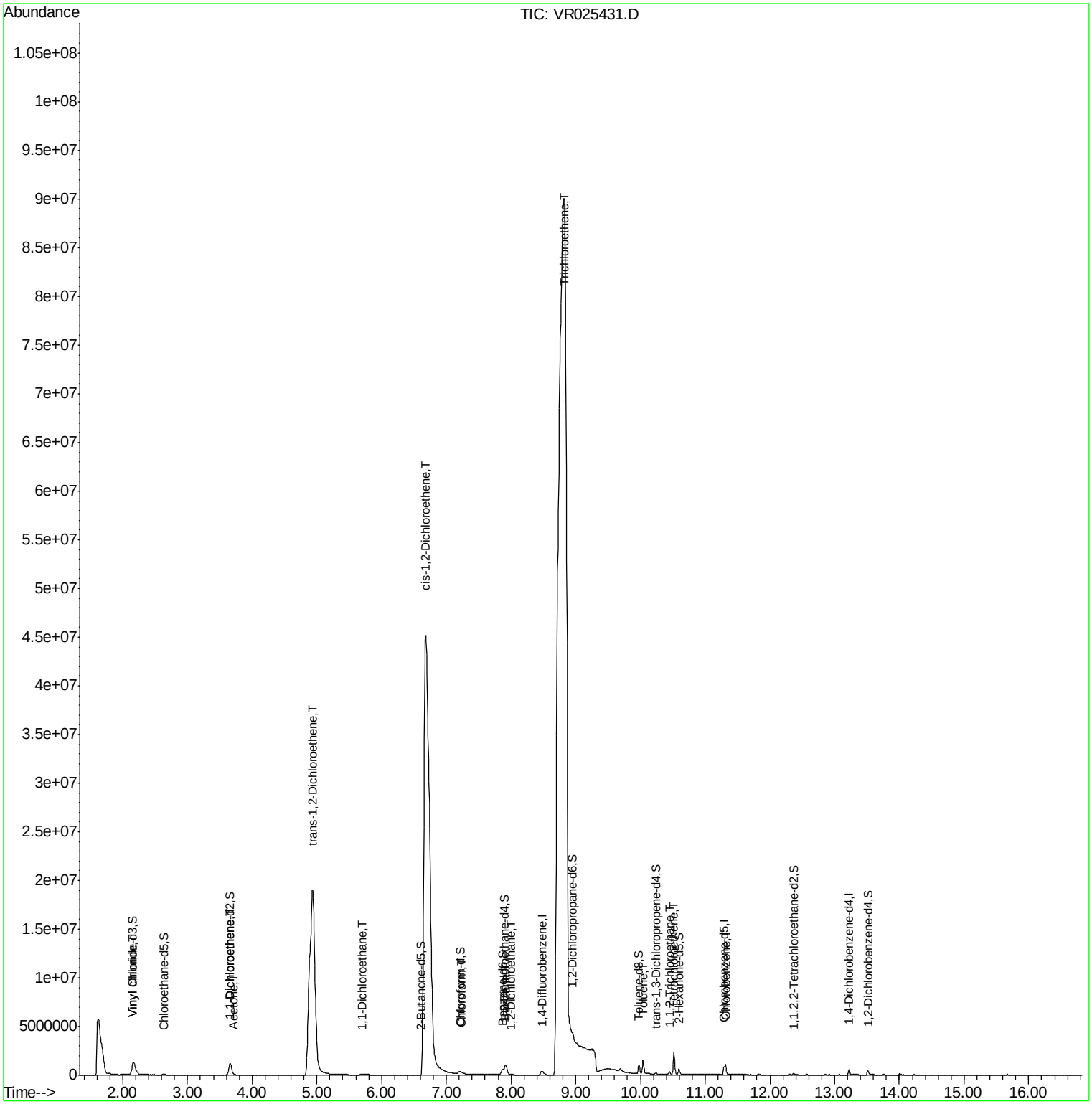

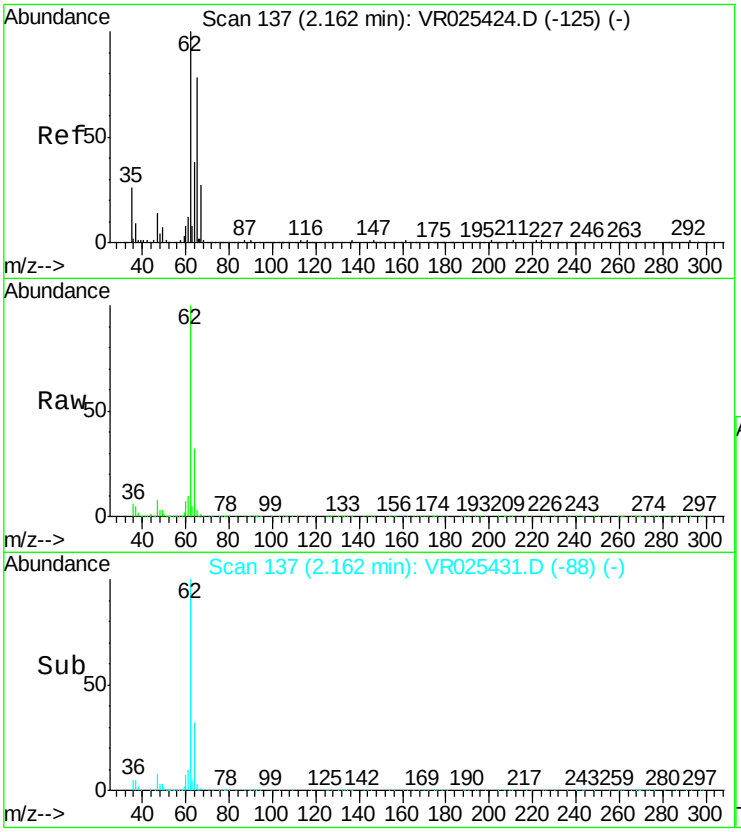

#5
Vinyl chloride
Concen: 112.04 ug/L
RT: 2.16 min Scan# 137
Delta R.T. 0.00 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 62 Resp: 2609343

Ion	Ratio	Lower	Upper
62	100		
64	32.0	22.8	42.4

Instrument :
MSVOA_R
ClientSampleId :
DAZA7MS

Manual Integrations APPROVED
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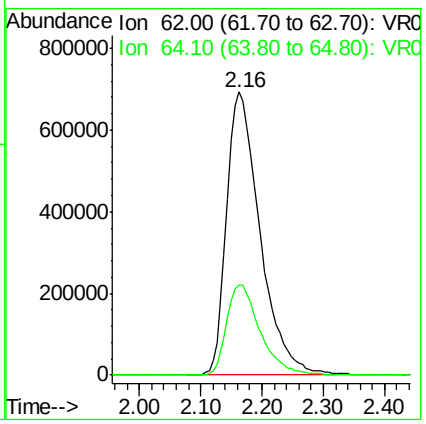
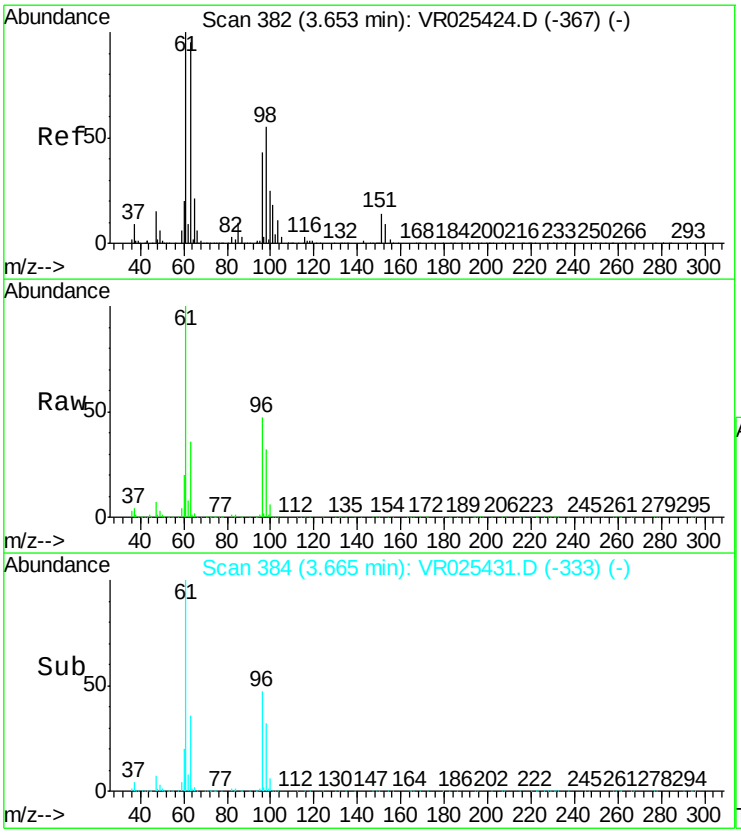
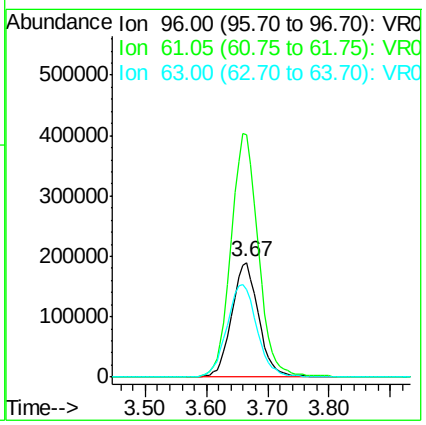


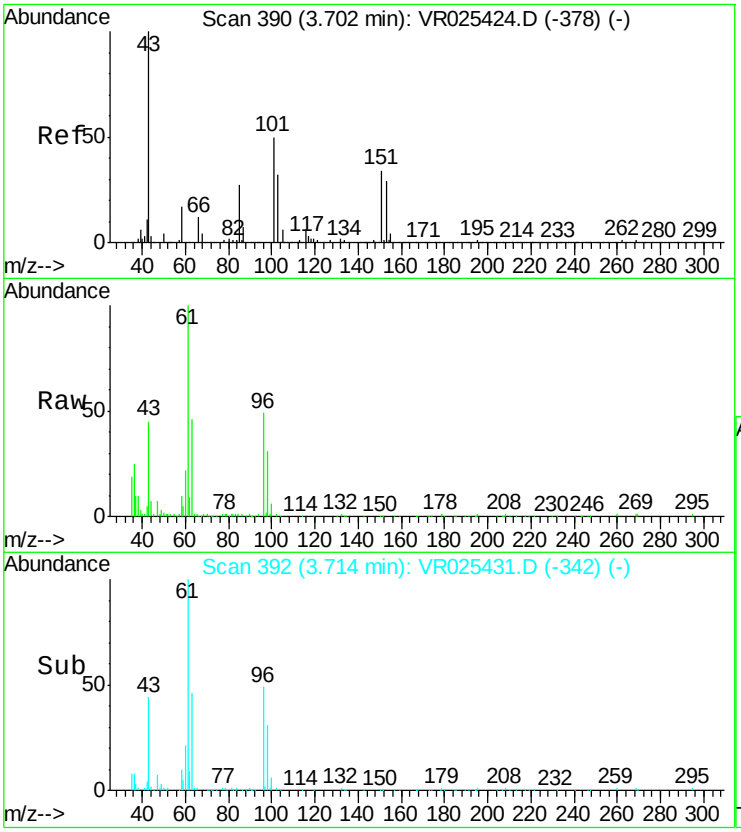


#12
1,1-Dichloroethene
Concen: 29.09 ug/L
RT: 3.67 min Scan# 384
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 96 Resp: 575063

Ion	Ratio	Lower	Upper
96	100		
61	211.4	155.0	287.9
63	77.0	122.3	227.1#

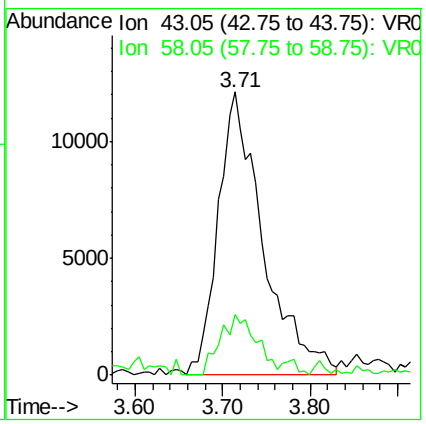




#13
Acetone
Concen: 18.67 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 43 Resp: 43296

Ion	Ratio	Lower	Upper
43	100		
58	17.1	0.0	41.6



Instrument :
MSVOA_R
ClientSampleId :
DAZA7MS

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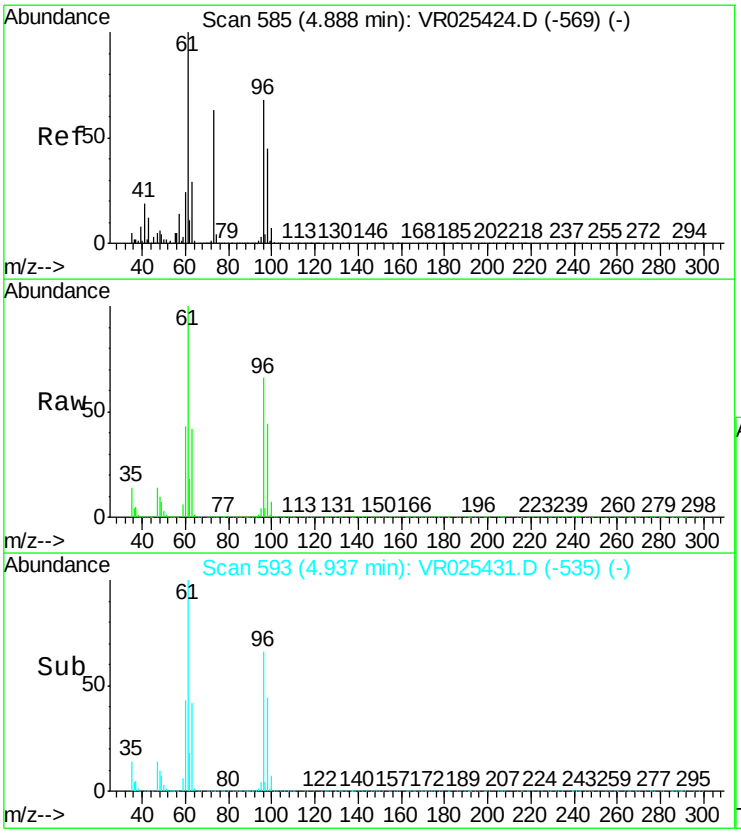
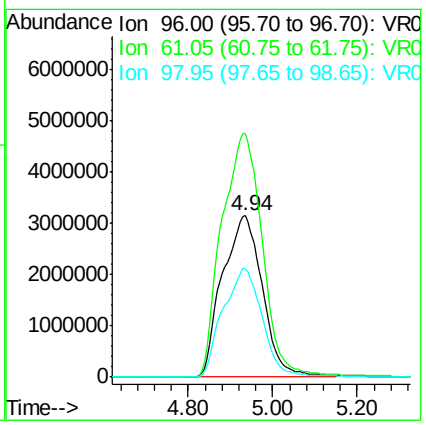
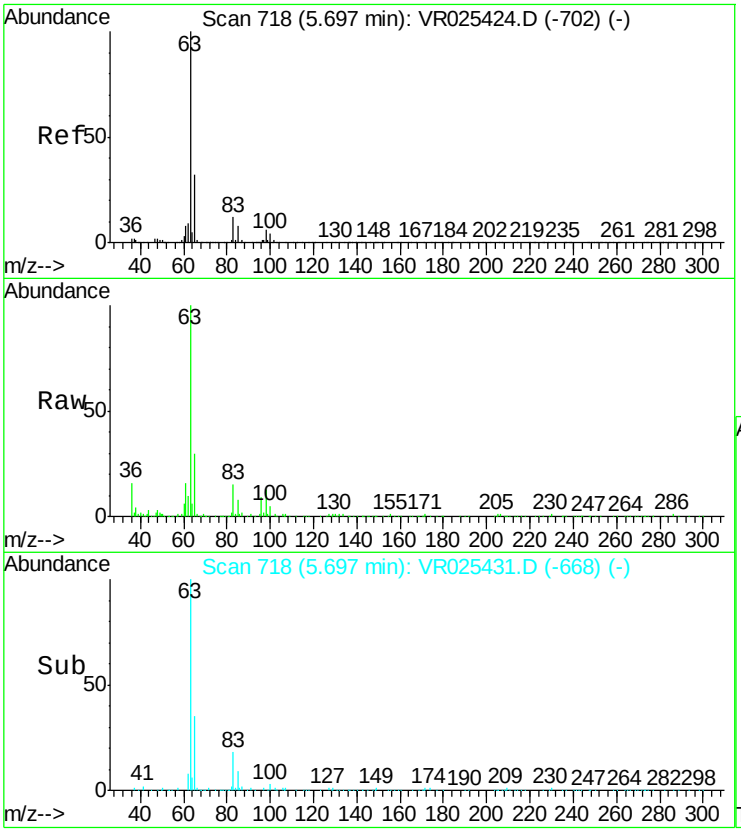


#18
trans-1,2-Dichloroethene
Concen: 498.90 ug/L
RT: 4.94 min Scan# 593
Delta R.T. 0.05 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 96 Resp:20277410

Ion	Ratio	Lower	Upper
96	100		
61	151.0	104.4	193.8
98	67.0	43.1	80.1

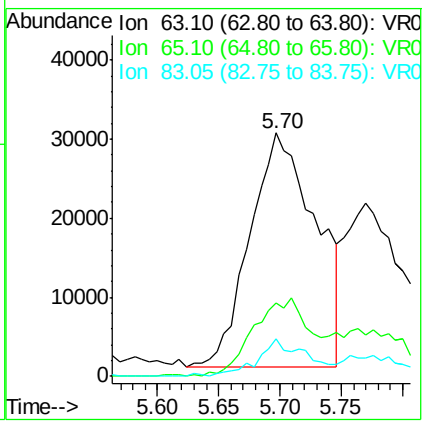




#19
1,1-Dichloroethane
Concen: 1.45 ug/L
RT: 5.70 min Scan# 718
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 63 Resp: 110666

Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.5	41.7
83	15.3	9.5	17.7



Instrument :
MSVOA_R
ClientSampleId :
DAZA7MS

Manual Integrations APPROVED
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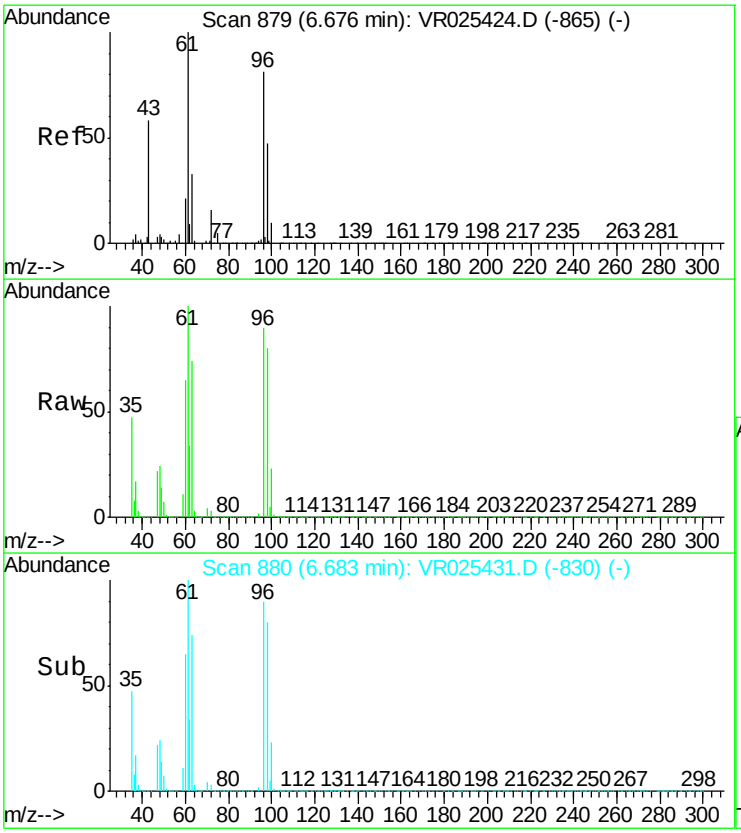
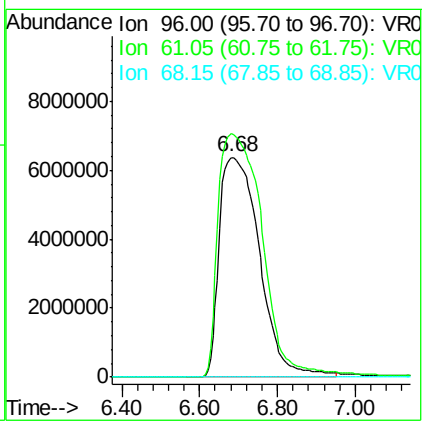
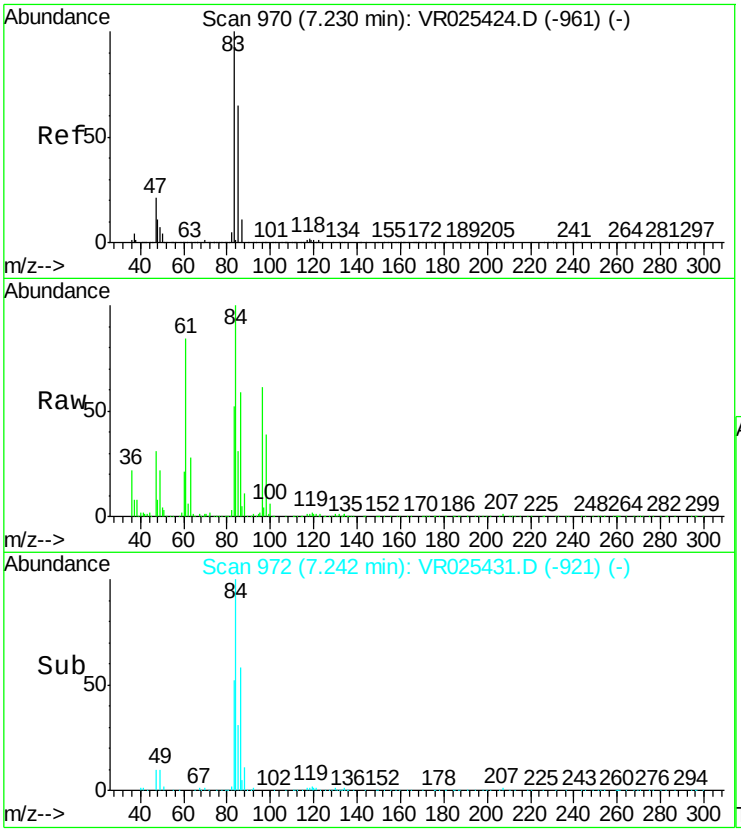


#22
cis-1,2-Dichloroethene
Concen: 1078.27 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 96 Resp:45732975

Ion	Ratio	Lower	Upper
96	100		
61	110.8	91.0	169.0
68	0.0	0.0	0.0#





#25
Chloroform
Concen: 0.92 ug/L
RT: 7.24 min Scan# 972
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 83 Resp: 64066

Ion	Ratio	Lower	Upper
83	100		
85	60.9	45.4	84.4

Instrument :
MSVOA_R
ClientSampleId :
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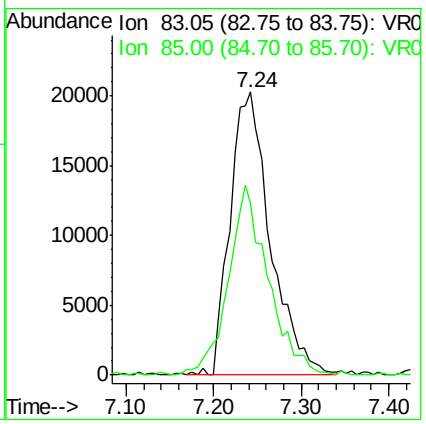
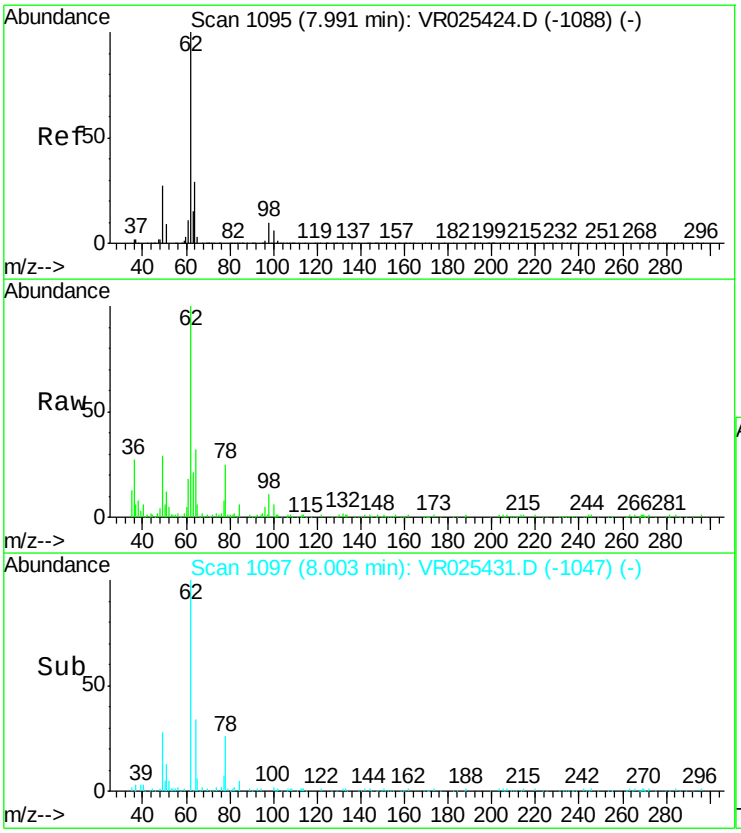
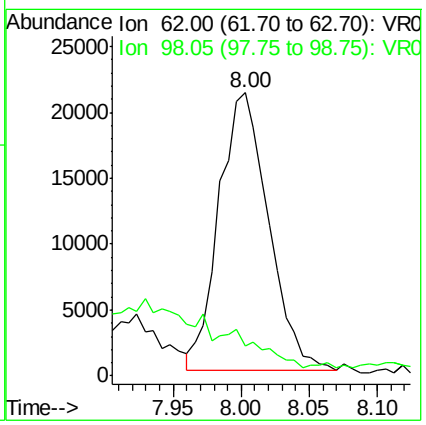


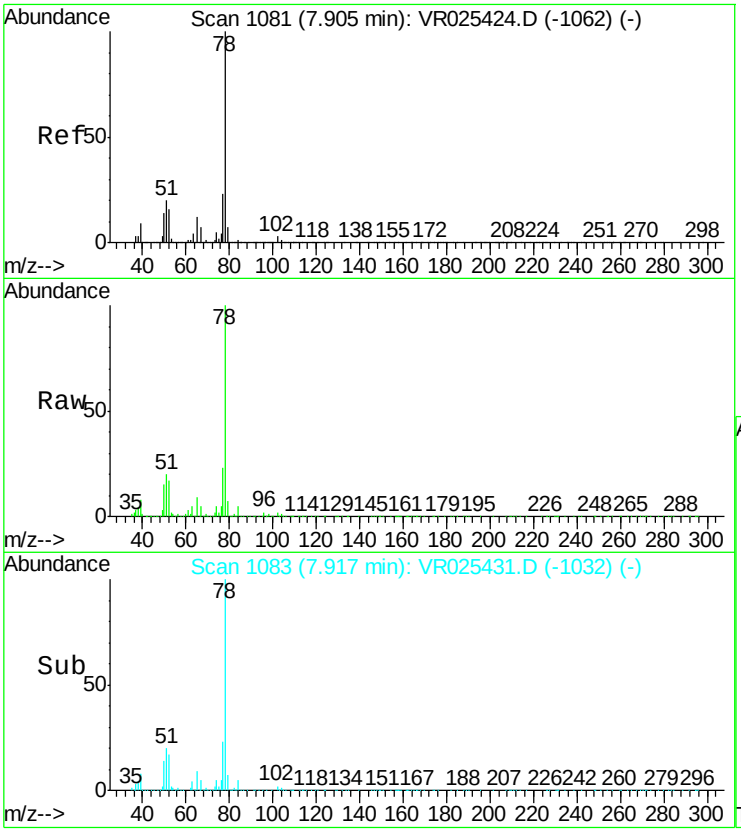


#27
1,2-Dichloroethane
Concen: 1.68 ug/L
RT: 8.00 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 62 Resp: 53569

Ion	Ratio	Lower	Upper
62	100		
98	10.6	5.4	8.2#





#33
Benzene
Concen: 7.11 ug/L
RT: 7.92 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 78 Resp: 1172479

Instrument :
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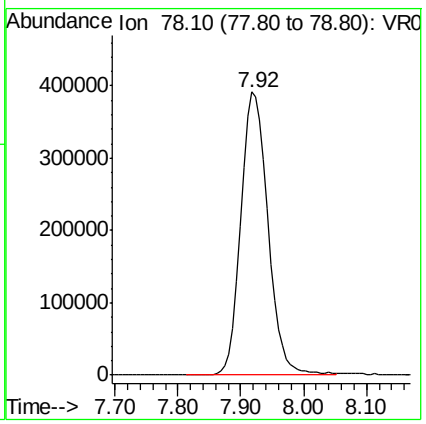
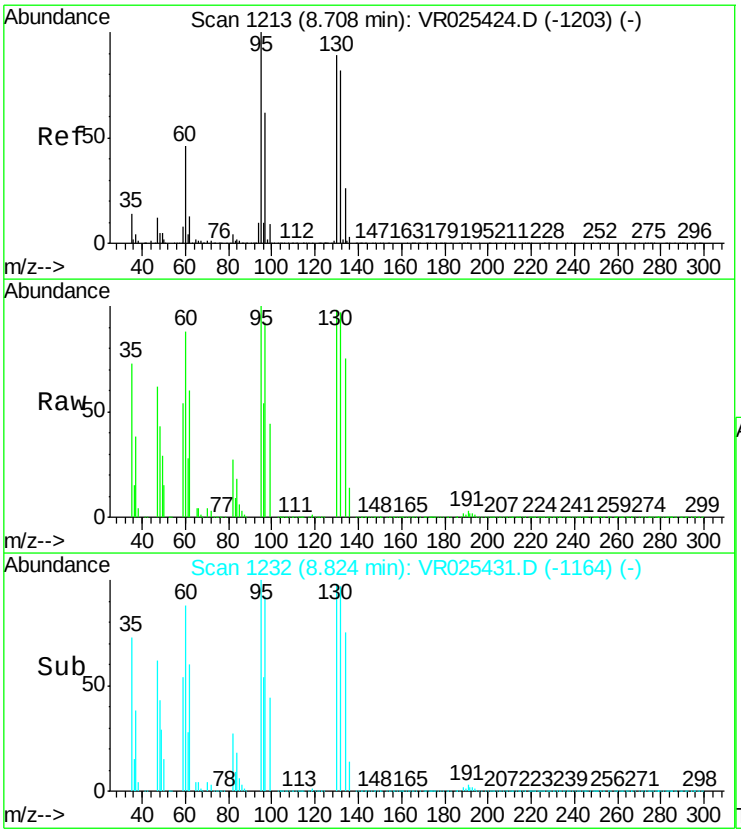
6/28/2018 5:14:43 PM

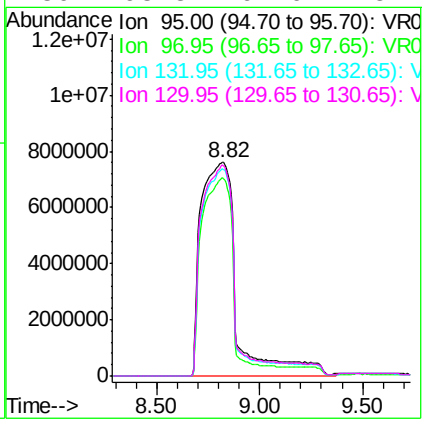


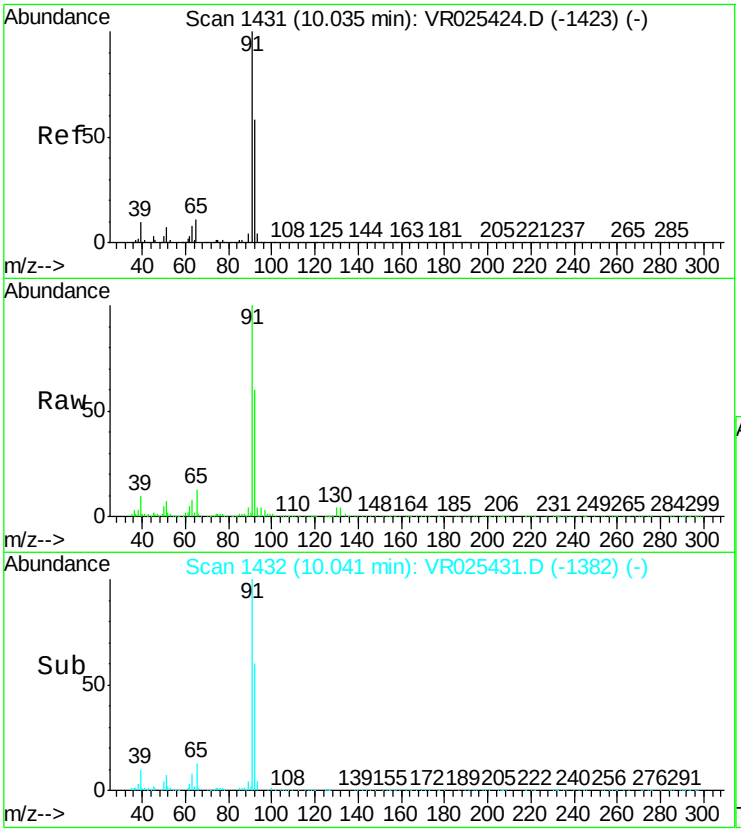


#34
Trichloroethene
Concen: 2277.47 ug/L m
RT: 8.82 min Scan# 1232
Delta R.T. 0.12 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 95 Resp:90919647

Ion	Ratio	Lower	Upper
95	100		
97	92.3	45.6	84.6#
132	96.7	60.9	113.1
130	98.3	62.0	115.2





#42
Toluene
Concen: 5.68 ug/L
RT: 10.04 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 91 Resp: 1005194

Ion	Ratio	Lower	Upper
91	100		
92	60.0	41.9	77.7

Instrument :
MSVOA_R
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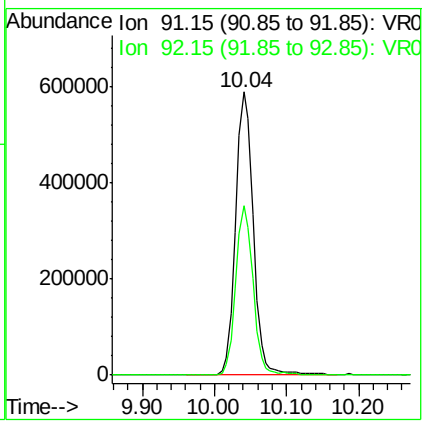
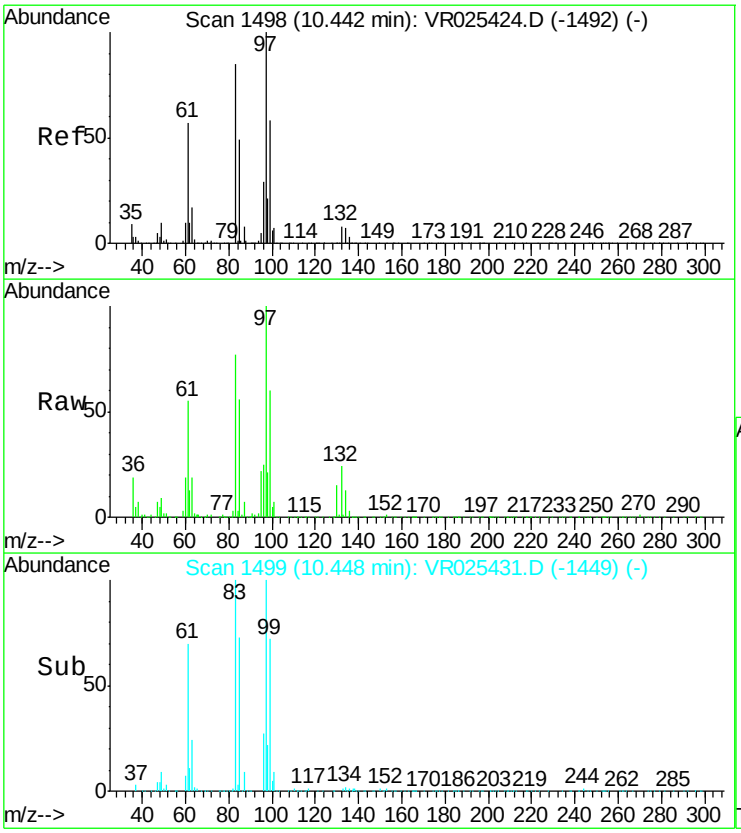
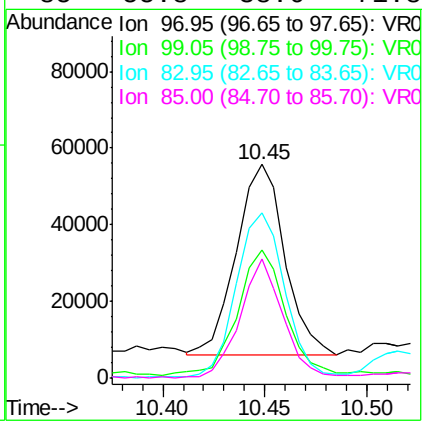


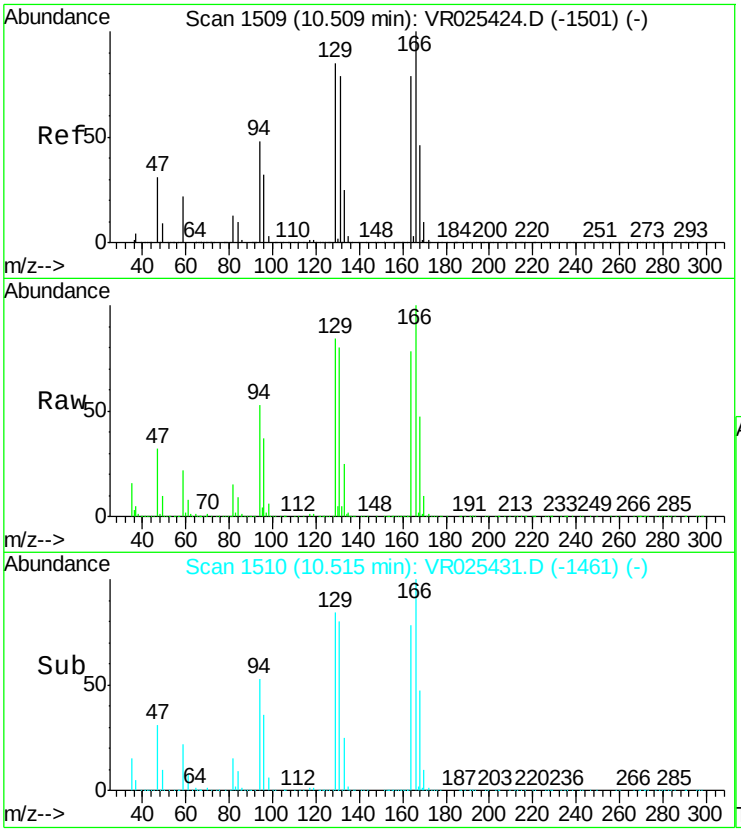


#45
1,1,2-Trichloroethane
Concen: 4.83 ug/L
RT: 10.45 min Scan# 1499
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion: 97 Resp: 82208

Ion	Ratio	Lower	Upper
97	100		
99	59.9	41.9	77.9
83	77.1	64.5	119.9
85	55.8	38.6	71.8

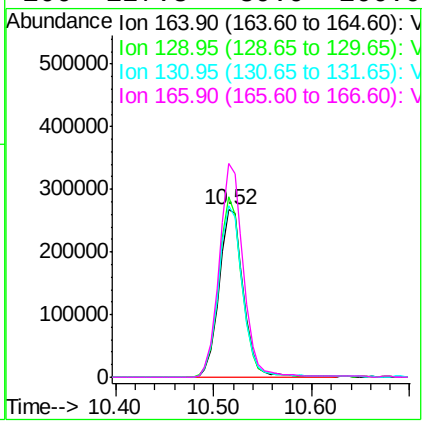




#47
Tetrachloroethene
Concen: 17.34 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion:164 Resp: 462148

Ion	Ratio	Lower	Upper
164	100		
129	107.7	68.1	126.5
131	102.8	68.5	127.1
166	127.8	89.9	166.9



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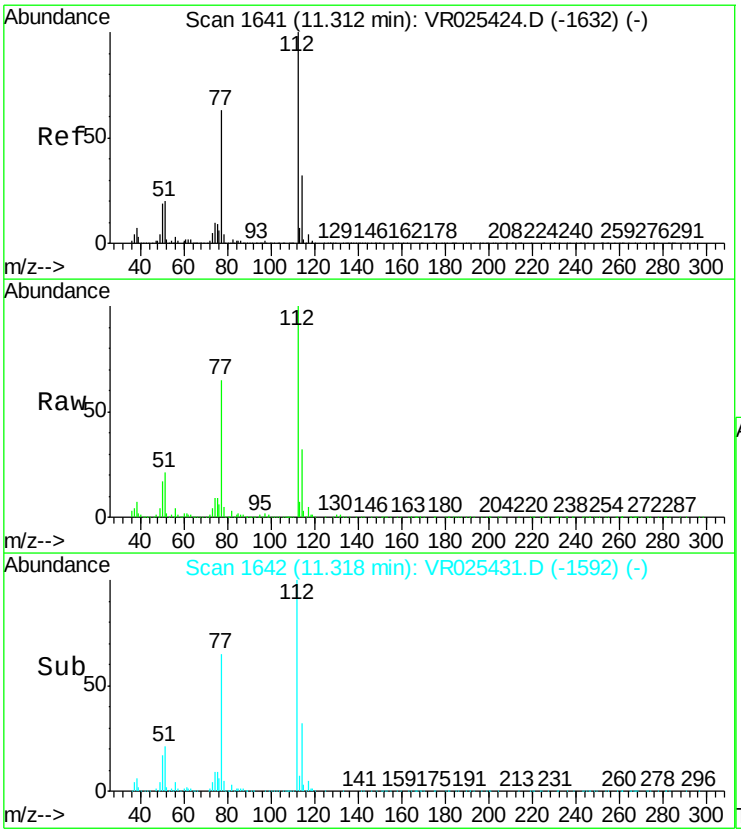

#51
Chlorobenzene
Concen: 5.33 ug/L
RT: 11.32 min Scan# 1642
Delta R.T. 0.01 min
Lab File: VR025431.D
Acq: 25 Jun 2018 16:19

Tgt Ion:112 Resp: 504388

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.6	40.0
77	64.7	51.9	77.9