Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
Data File : VV006605.D
Acq On : 13 Jul 2018 20:51
Operator : SY/MD
Sample : J3985-02MS
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB192MS

Quant Time: Jul 14 00:31:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	282442	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	262089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117155	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	96228	6.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 125.40%			
7) Chloroethane-d5	1.57	69	75214	5.61	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.20%			
11) 1,1-Dichloroethene-d2	2.13	63	169629	5.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 118.80%			
20) 2-Butanone-d5	3.95	46	204141	52.34	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.68%			
24) Chloroform-d	4.41	84	159153	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.09	65	77535	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
32) Benzene-d6	5.10	84	351878	5.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.60%			
36) 1,2-Dichloropropane-d6	6.12	67	106210	5.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.60%			
41) Toluene-d8	7.36	98	313765	5.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.40%			
43) trans-1,3-Dichloropropene-	7.67	79	32891	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.14	63	183639	55.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.58%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78189	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	116798	5.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.00%			

Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	24830	0.987	ug/L #	1
8) Chloroethane	1.52	64	15712	1.029	ug/L #	51
12) 1,1-Dichloroethene	2.14	96	90212	5.101	ug/L	95
13) Acetone	2.19	43	2798	1.134	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	102353	5.305	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	116912	5.640	ug/L	94
33) Benzene	5.15	78	394754	5.046	ug/L	100
34) Trichloroethene	5.96	95	100403	5.004	ug/L	99
35) Methylcyclohexane	6.12	83	25552	0.791	ug/L #	19
42) Toluene	7.44	91	415998	5.113	ug/L	99
48) 2-Hexanone	8.19	43	2827	0.411	ug/L #	91
51) Chlorobenzene	8.93	112	275867	5.183	ug/L	99

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

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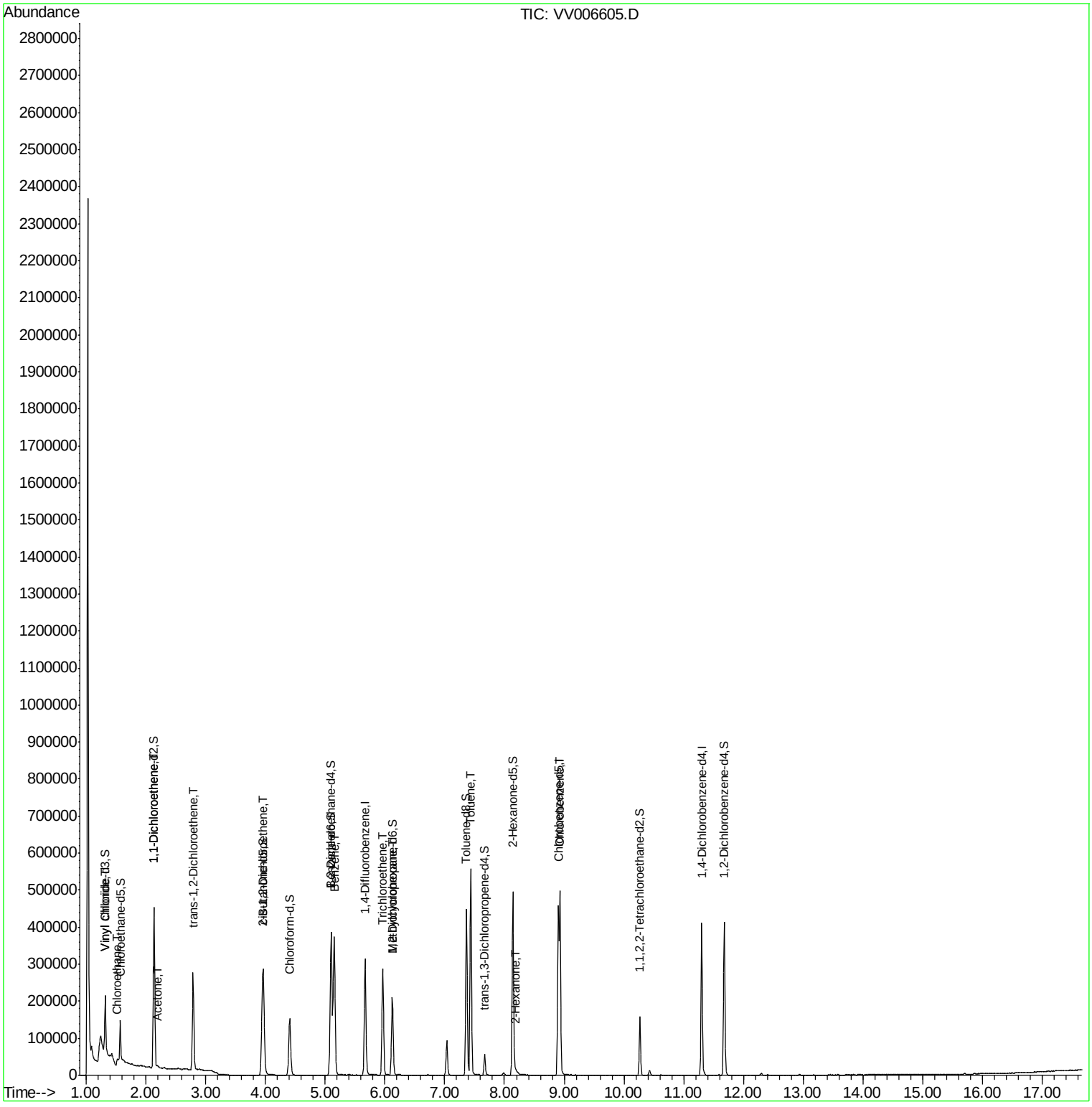
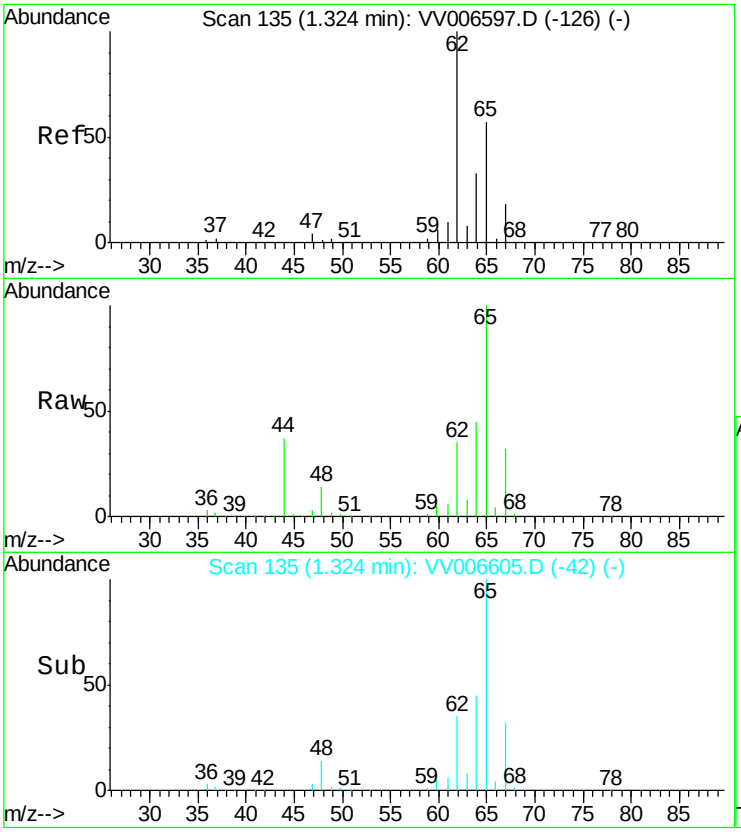
Instrument :
MSVOA_V
ClientSampleId :
DB192MS

Quant Time: Jul 14 00:31:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration



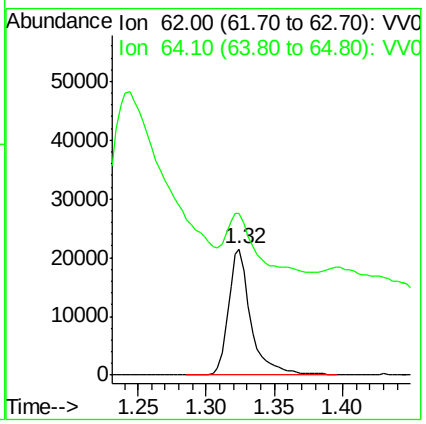


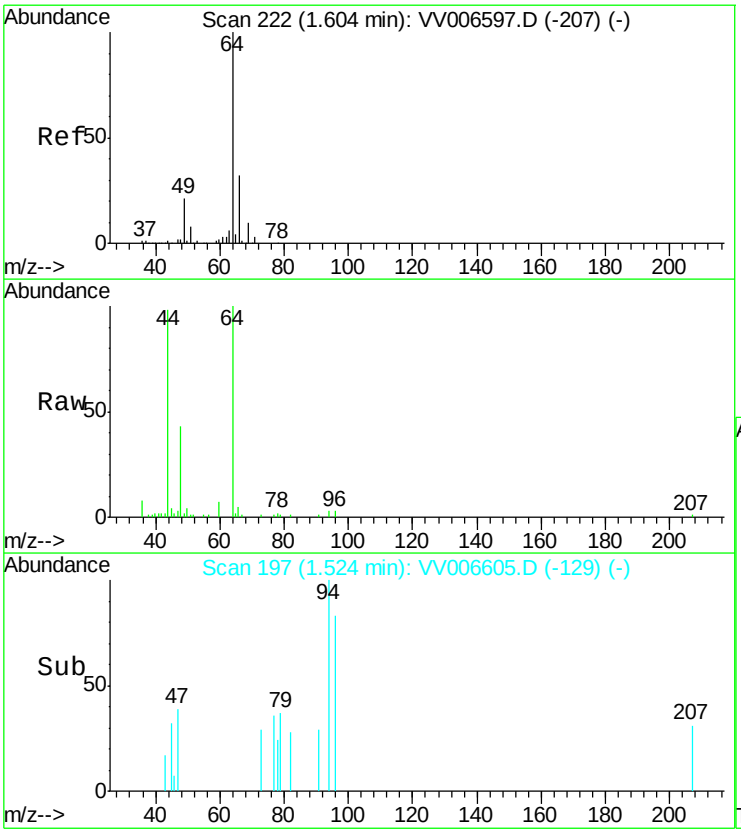
#5
Vinyl chloride
Concen: 0.987 ug/L
RT: 1.32 min Scan# 135
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Instrument :
MSVOA_V
ClientSampleId :
DB192MS

Tgt Ion: 62 Resp: 24830

Ion	Ratio	Lower	Upper
62	100		
64	127.5	23.0	42.6#

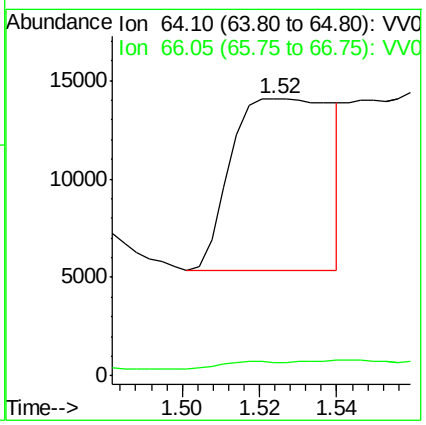


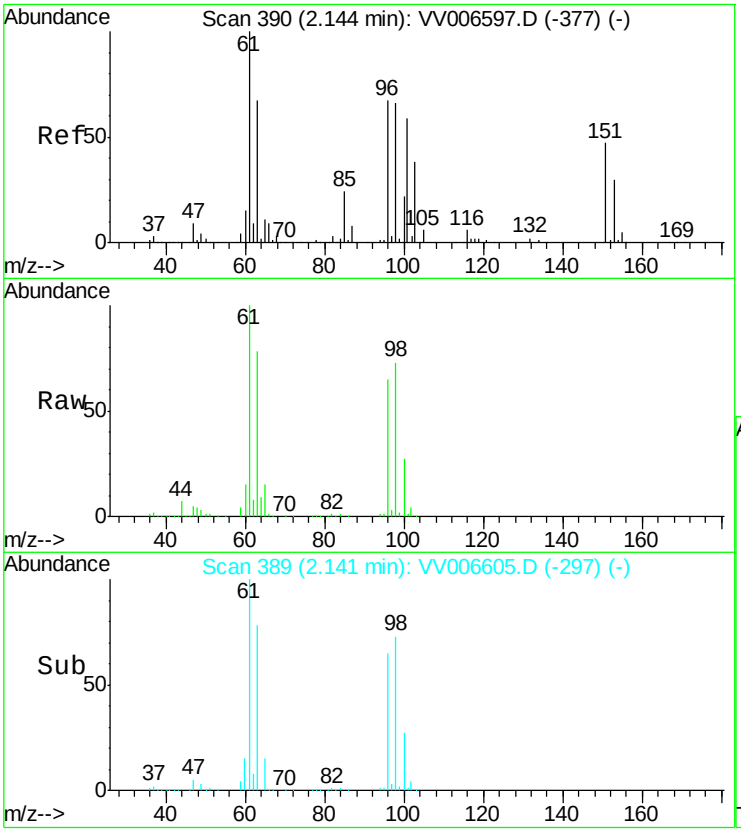


#8
Chloroethane
Concen: 1.029 ug/L
RT: 1.52 min Scan# 197
Delta R.T. -0.08 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Tgt Ion: 64 Resp: 15712

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.5	41.7#



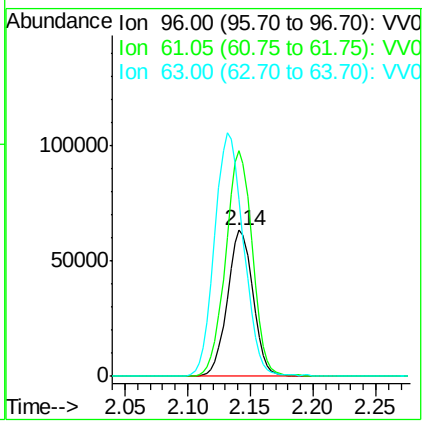


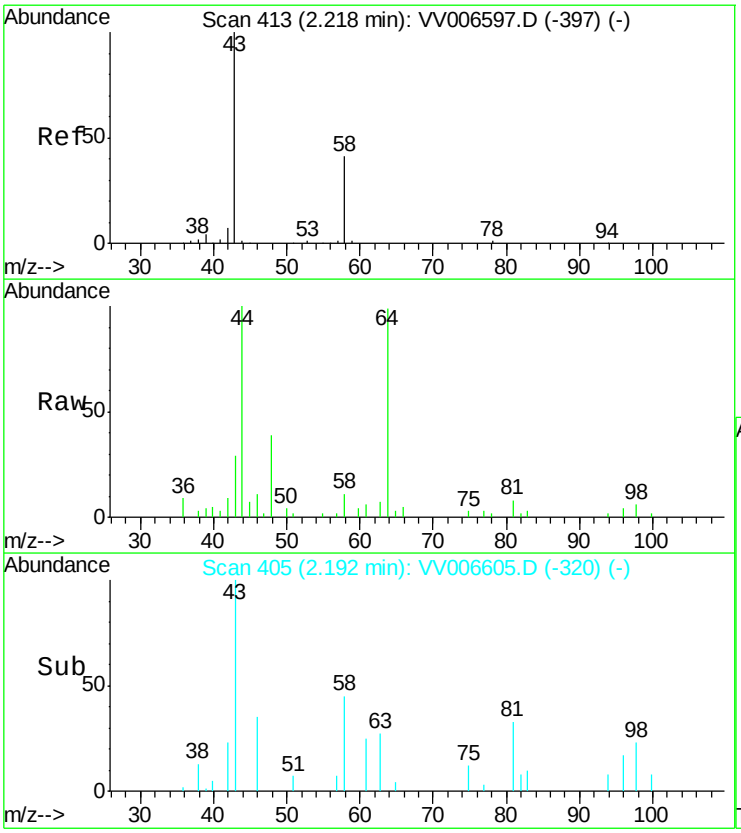
#12
1,1-Dichloroethene
Concen: 5.101 ug/L
RT: 2.14 min Scan# 389
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Instrument : MSVOA_V
ClientSampleId : DB192MS

Tgt Ion: 96 Resp: 90212

Ion	Ratio	Lower	Upper
96	100		
61	154.7	110.7	205.7
63	121.1	79.0	146.8

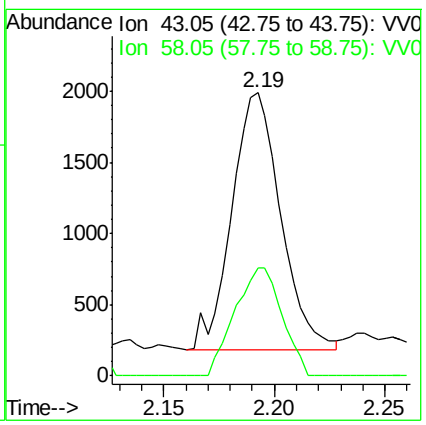


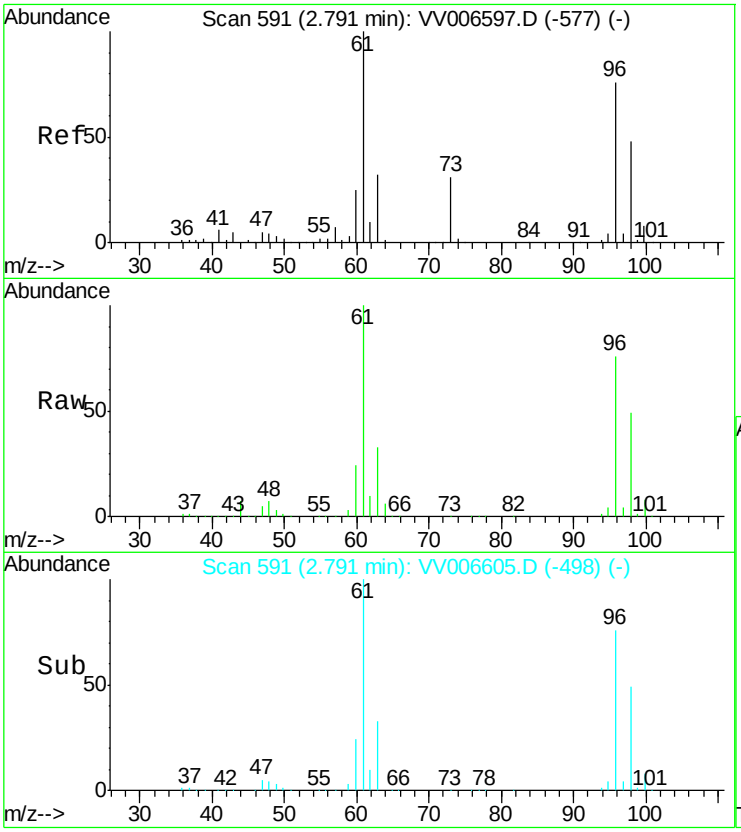


#13
Acetone
Concen: 1.134 ug/L
RT: 2.19 min Scan# 405
Delta R.T. -0.03 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Tgt Ion: 43 Resp: 2798

Ion	Ratio	Lower	Upper
43	100		
58	40.2	0.0	76.2



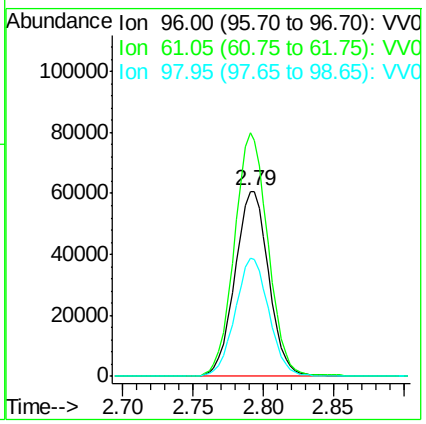


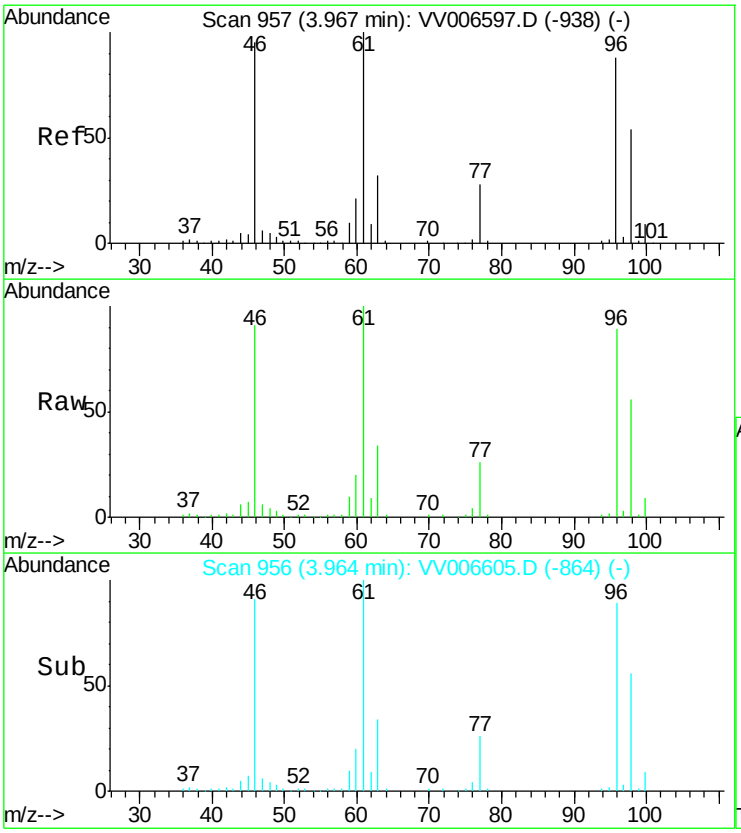
#18
trans-1,2-Dichloroethene
Concen: 5.305 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Instrument :
MSVOA_V
ClientSampleId :
DB192MS

Tgt Ion: 96 Resp: 102353

Ion	Ratio	Lower	Upper
96	100		
61	131.7	96.5	179.3
98	64.2	45.1	83.7

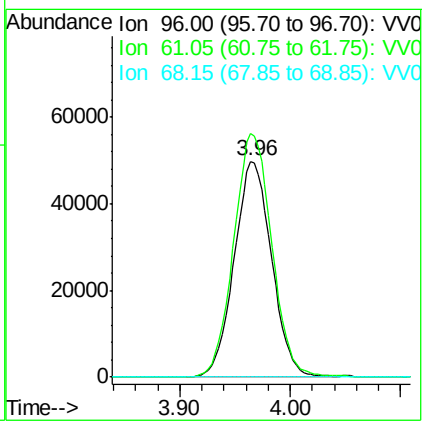


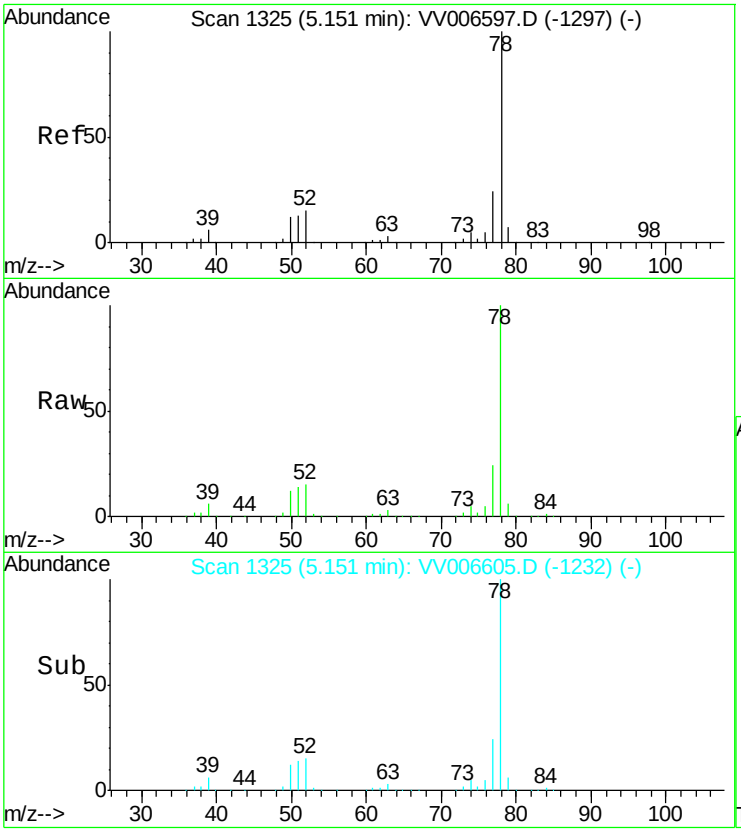


#22
cis-1,2-Dichloroethene
Concen: 5.640 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Tgt Ion: 96 Resp: 116912

Ion	Ratio	Lower	Upper
96	100		
61	112.7	83.8	155.6
68	0.0	0.0	0.0

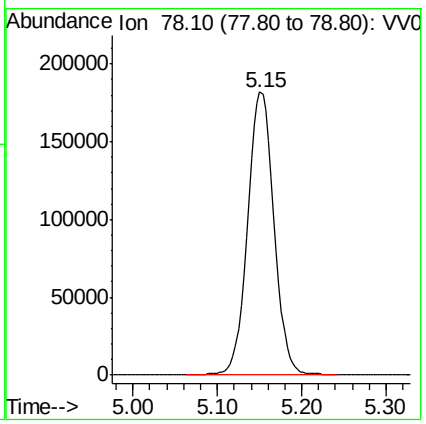


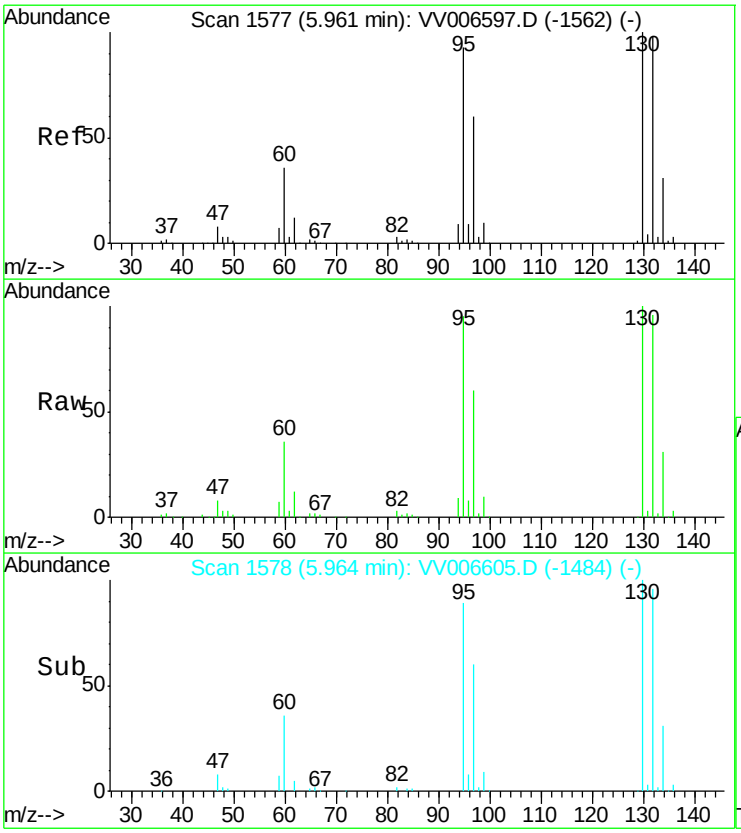


#33
Benzene
Concen: 5.046 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Instrument :
MSVOA_V
ClientSampleId :
DB192MS

Tgt Ion: 78 Resp: 394754

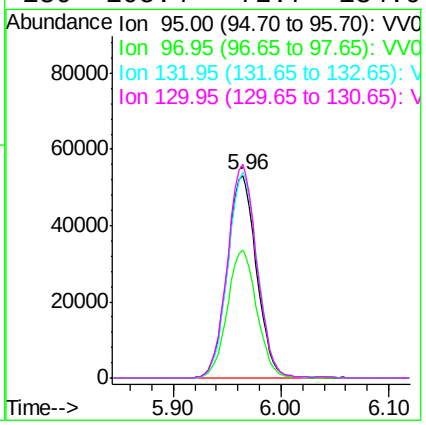


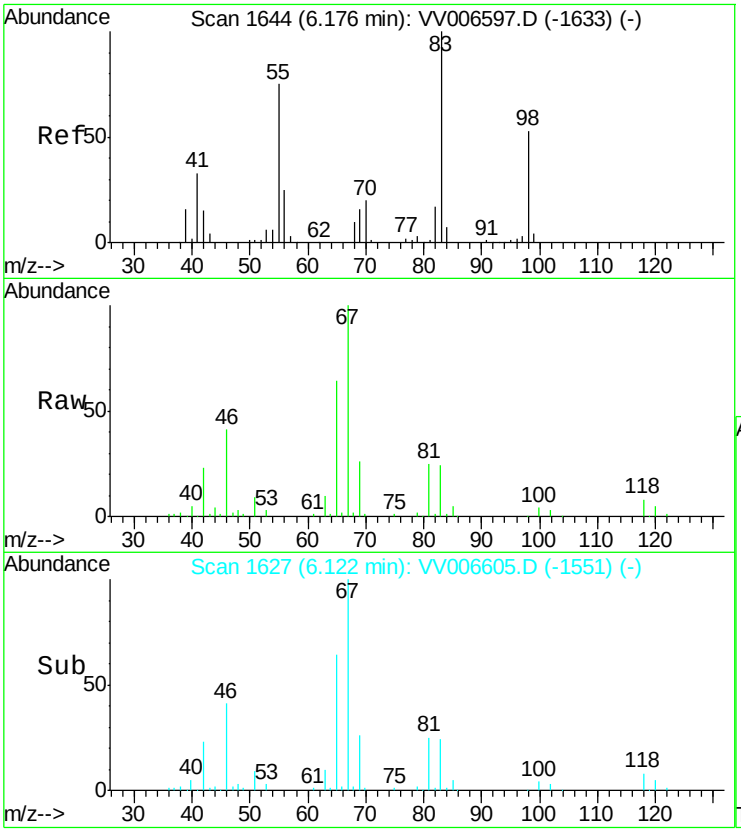


#34
Trichloroethene
Concen: 5.004 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Tgt Ion: 95 Resp: 100403

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.3	82.3
132	101.7	70.0	130.0
130	105.4	72.7	134.9



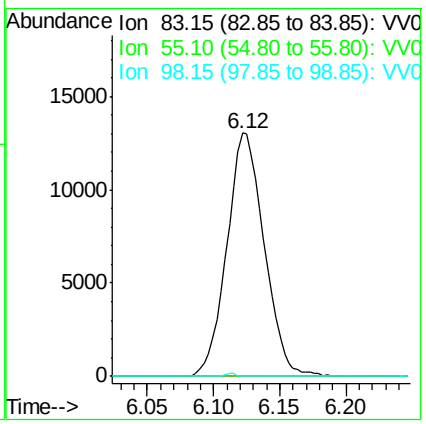


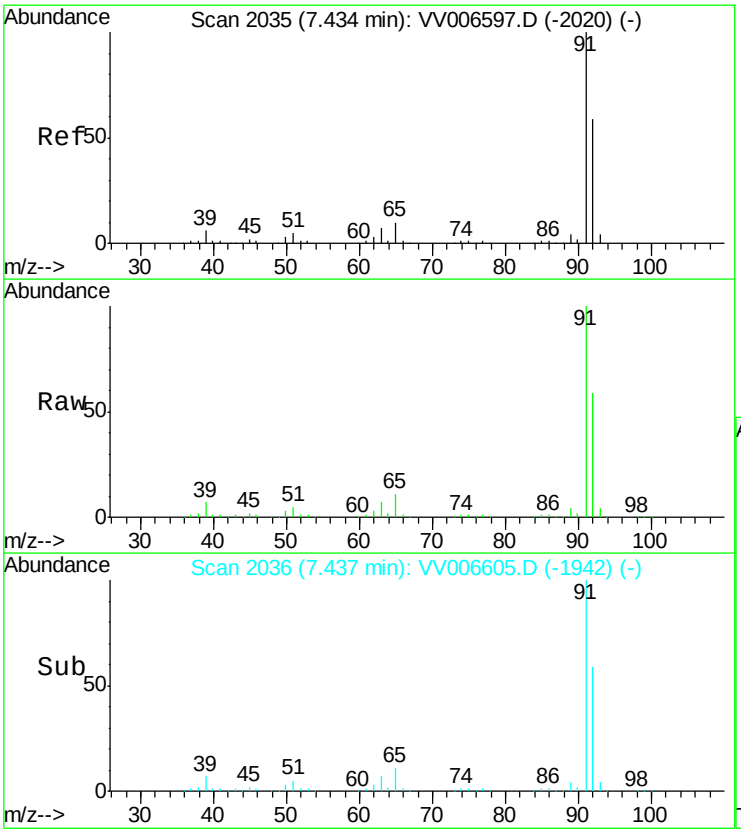
#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.05 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Instrument :
MSVOA_V
ClientSampleId :
DB192MS

Tgt Ion: 83 Resp: 25552

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.3	87.5#
98	0.0	39.3	58.9#

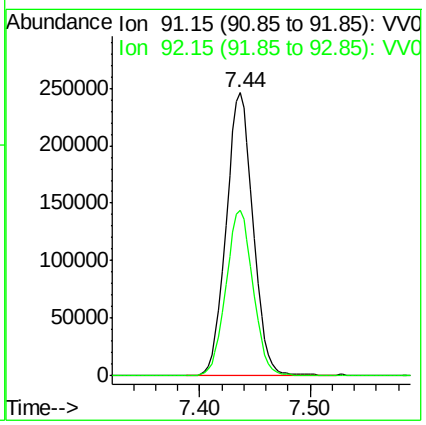


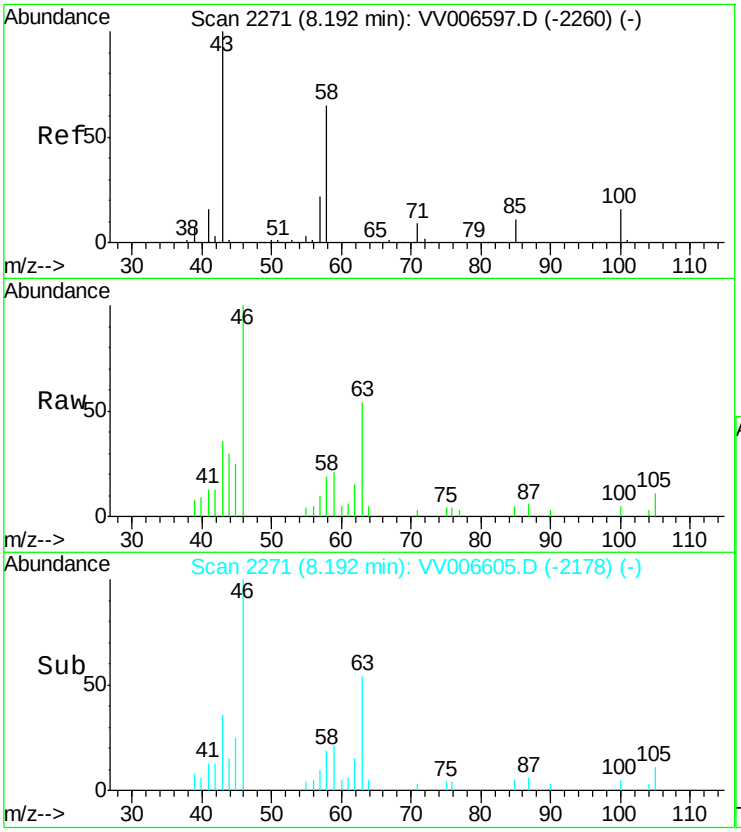


#42
Toluene
Concen: 5.113 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Tgt Ion: 91 Resp: 415998

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.6	75.4



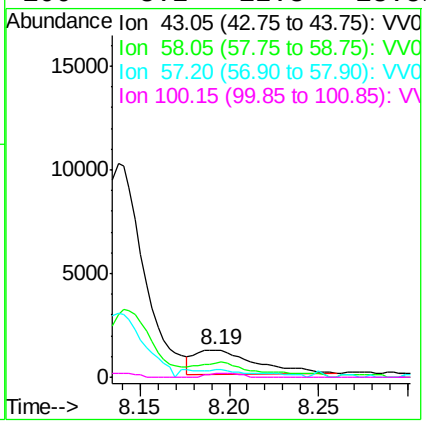


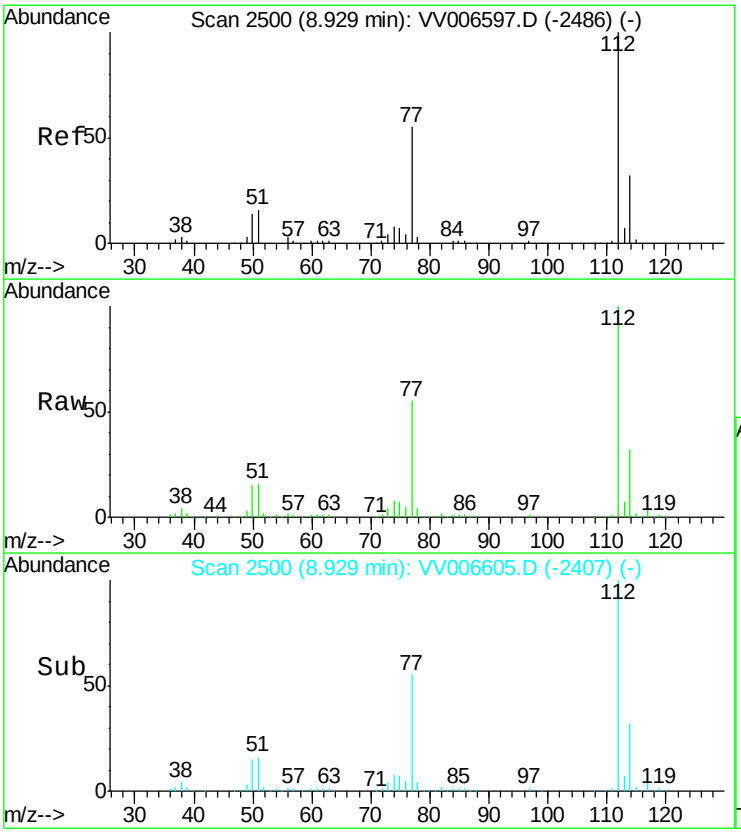
#48
2-Hexanone
Concen: 0.411 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Instrument : MSVOA_V
ClientSampleId : DB192MS

Tgt Ion: 43 Resp: 2827

Ion	Ratio	Lower	Upper
43	100		
58	62.1	50.3	75.5
57	8.0	17.0	25.4#
100	8.2	12.3	18.5#





#51
Chlorobenzene
Concen: 5.183 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006605.D
Acq: 13 Jul 2018 20:51

Tgt Ion:112 Resp: 275867

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.5
77	54.8	45.1	67.7