Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022819\
Data File : VV009431.D
Acq On : 28 Feb 2019 18:39
Operator : SY/MD
Sample : K1599-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWJZ0

Quant Time: Mar 01 04:41:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 03:49:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95682	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42107	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25839	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.58	69	23596	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.60%			
11) 1,1-Dichloroethene-d2	2.13	63	50771	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.40%			
20) 2-Butanone-d5	3.96	46	53313	56.25	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.50%			
24) Chloroform-d	4.40	84	51899	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.09	65	27575	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.20%			
32) Benzene-d6	5.10	84	110530	5.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.80%			
36) 1,2-Dichloropropane-d6	6.12	67	32438	5.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.80%			
41) Toluene-d8	7.36	98	111134	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.00%			
43) trans-1,3-Dichloropropene-	7.67	79	13236	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.14	63	48455	57.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25086	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	37656	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	9496	1.392	ug/L #	1
13) Acetone	2.20	43	3597	3.995	ug/L	87
18) trans-1,2-Dichloroethene	2.79	96	130724	19.252	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	1119468	176.542	ug/L	91
34) Trichloroethene	5.96	95	64847	9.758	ug/L	98
42) Toluene	7.43	91	36814	1.373	ug/L	98
51) Chlorobenzene	8.93	112	3431	0.196	ug/L	96

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

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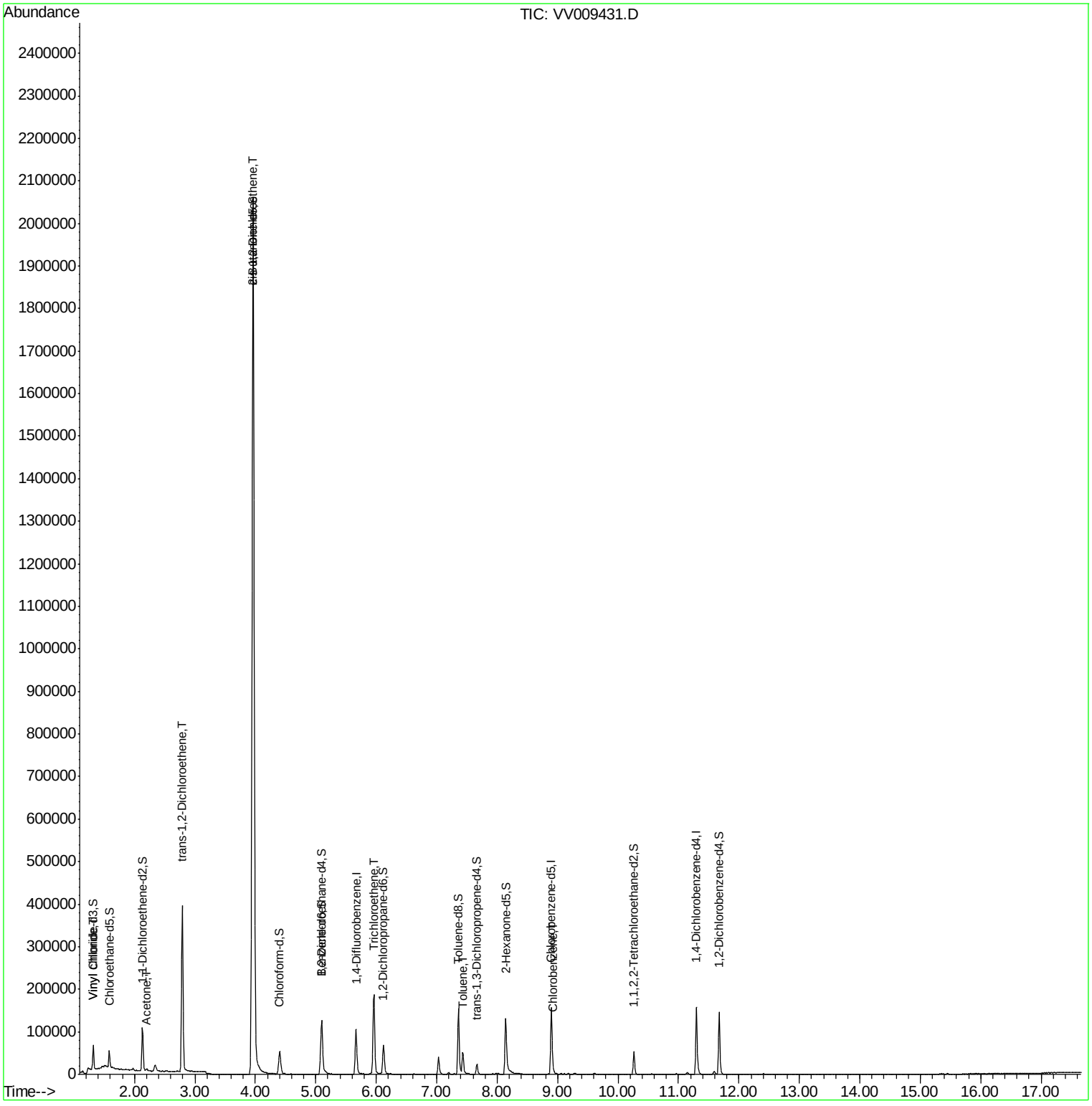
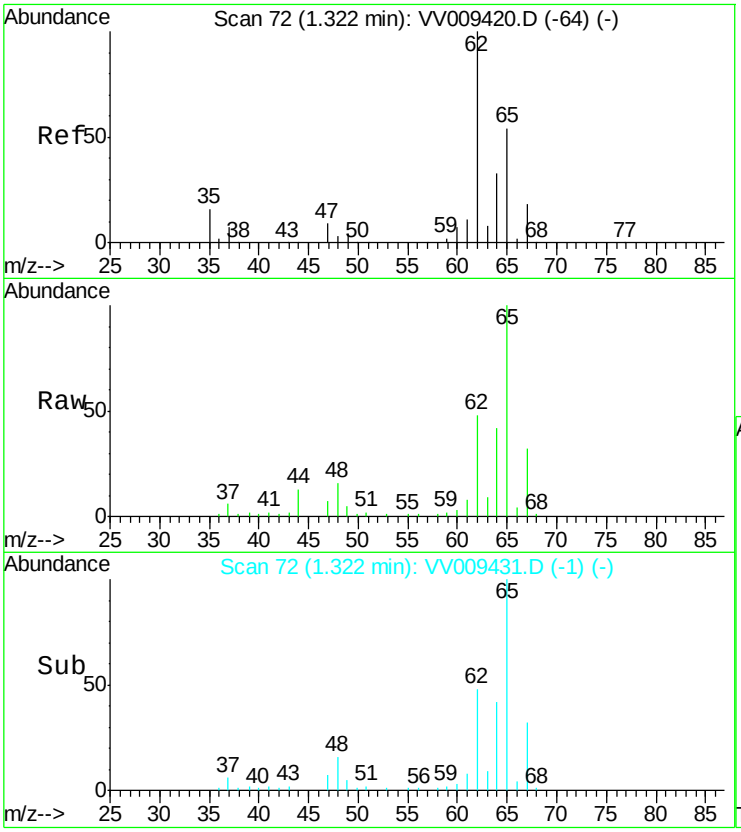


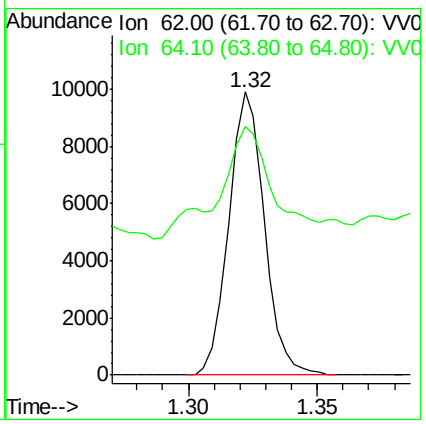


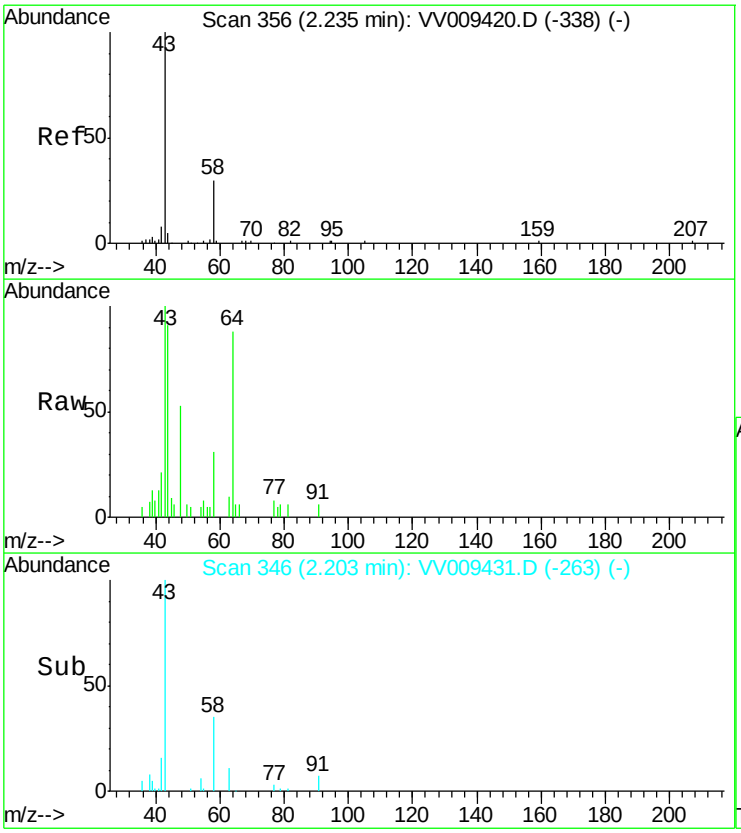
#5
Vinyl chloride
Concen: 1.392 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Instrument : MSVOA_V
ClientSampleId : CWJZ0

Tgt Ion: 62 Resp: 9496

Ion	Ratio	Lower	Upper
62	100		
64	87.7	21.6	40.0#

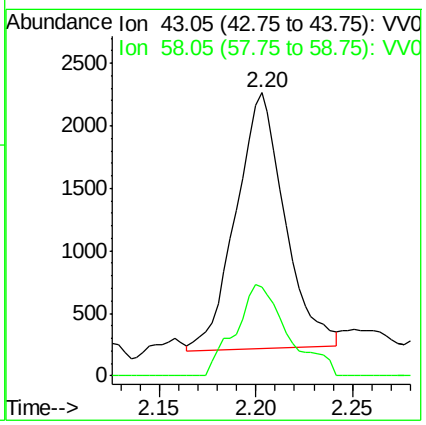


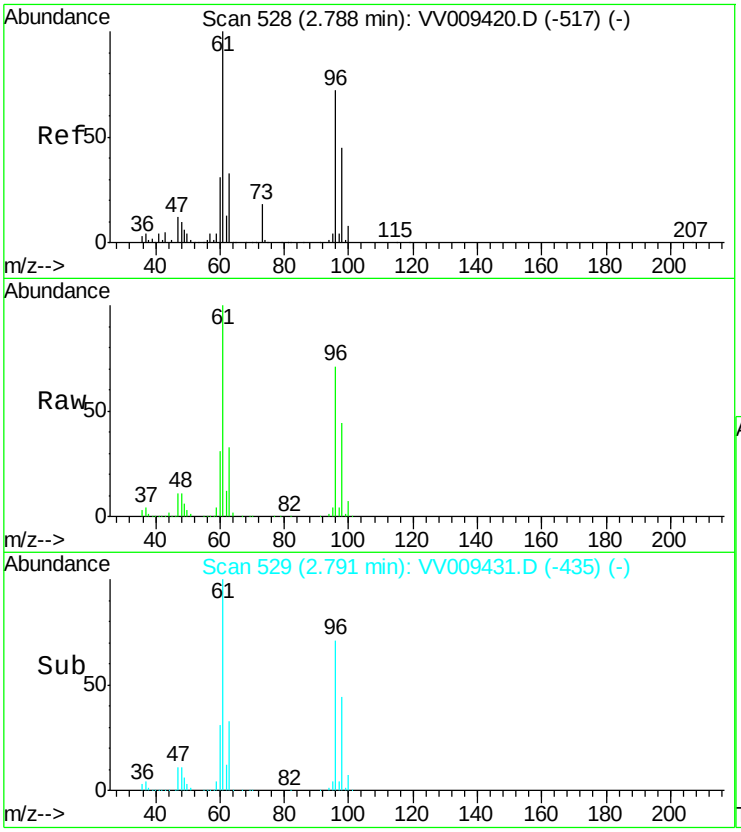


#13
Acetone
Concen: 3.995 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.03 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Tgt Ion: 43 Resp: 3597

Ion	Ratio	Lower	Upper
43	100		
58	38.2	0.0	62.0



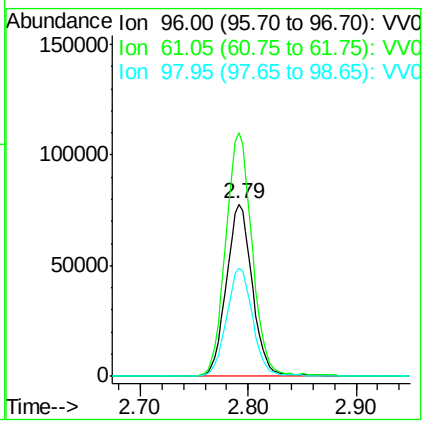


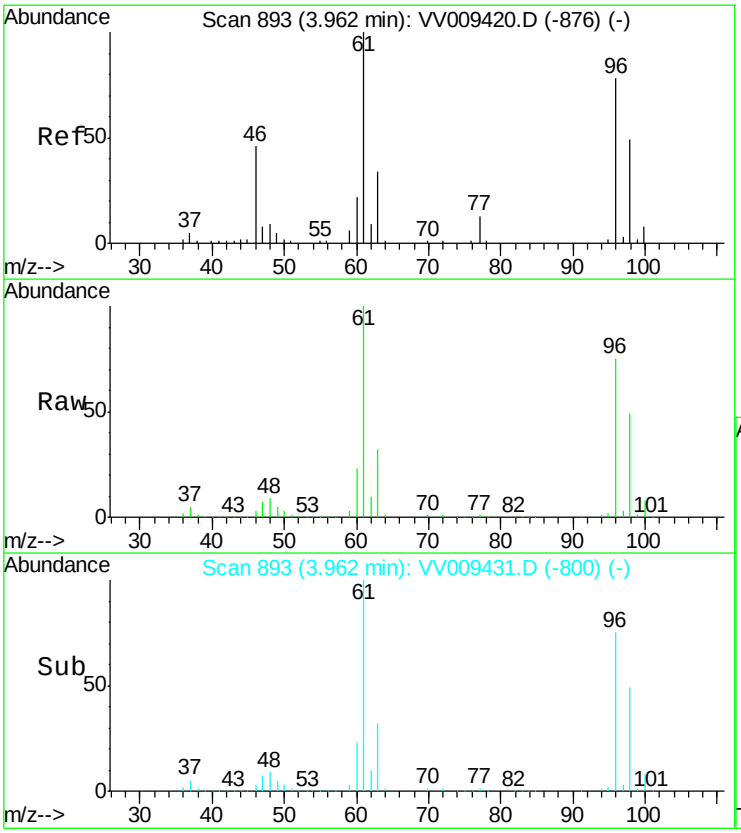
#18
trans-1,2-Dichloroethene
Concen: 19.252 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Instrument :
MSVOA_V
ClientSampleId :
CWJZ0

Tgt Ion: 96 Resp: 130724

Ion	Ratio	Lower	Upper
96	100		
61	141.4	106.0	196.8
98	62.9	48.2	89.4

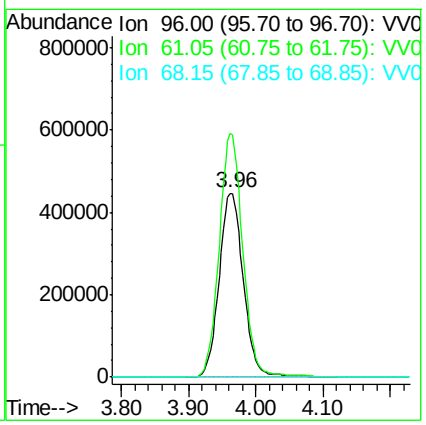


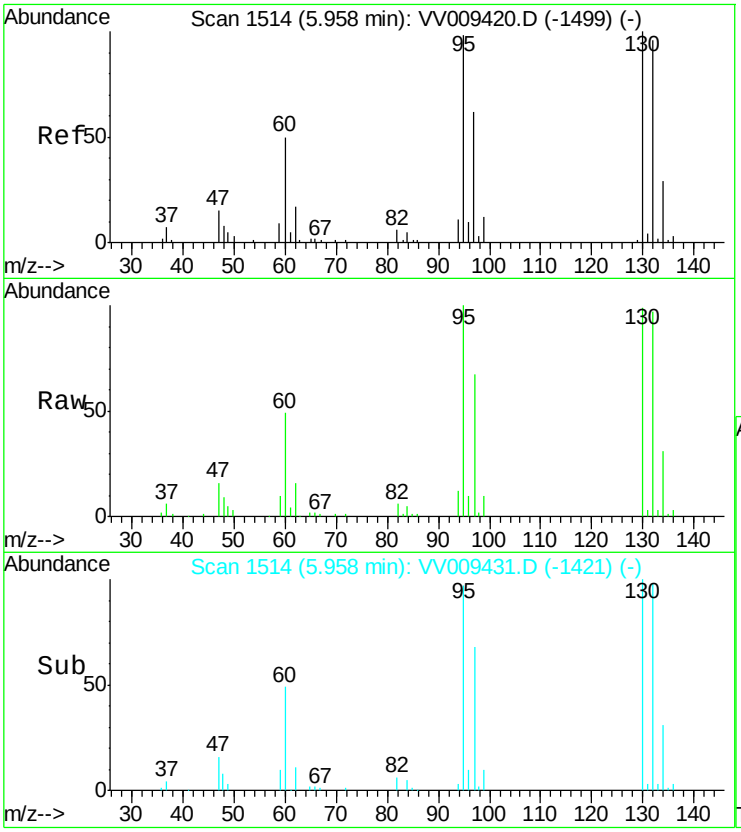


#22
cis-1,2-Dichloroethene
Concen: 176.542 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Tgt Ion: 96 Resp: 1119468

Ion	Ratio	Lower	Upper
96	100		
61	132.7	86.0	159.8
68	0.0	0.0	0.0



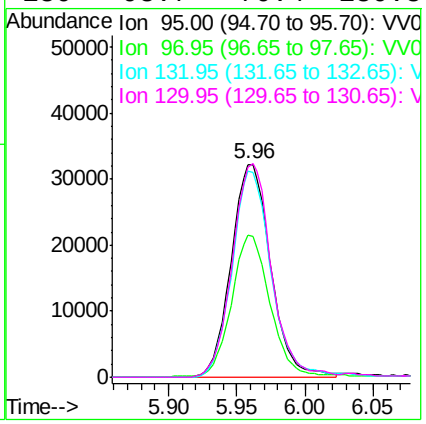


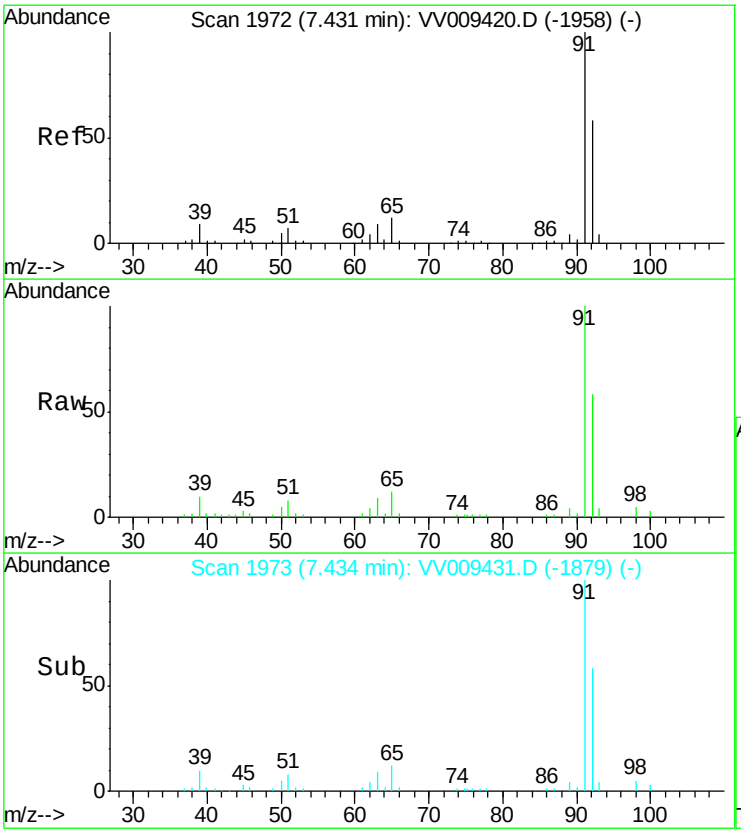
#34
Trichloroethene
Concen: 9.758 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Instrument :
MSVOA_V
ClientSampleId :
CWJZ0

Tgt Ion: 95 Resp: 64847

Ion	Ratio	Lower	Upper
95	100		
97	66.7	44.2	82.2
132	97.1	67.8	126.0
130	98.7	70.4	130.8

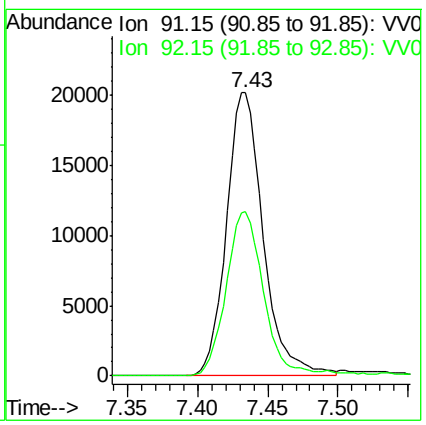


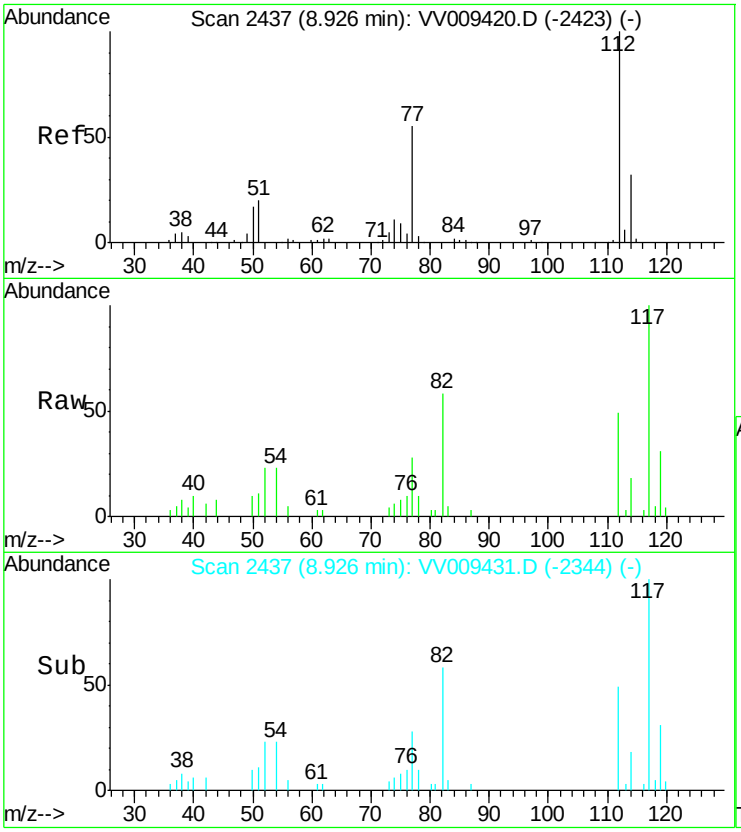


#42
Toluene
Concen: 1.373 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Tgt Ion: 91 Resp: 36814

Ion	Ratio	Lower	Upper
91	100		
92	58.2	39.8	73.8

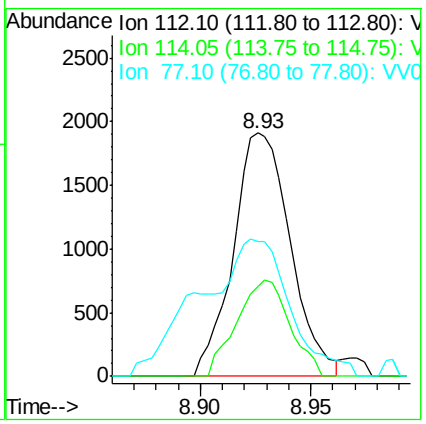




#51
Chlorobenzene
Concen: 0.196 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV009431.D
Acq: 28 Feb 2019 18:39

Tgt Ion:112 Resp: 3431

Ion	Ratio	Lower	Upper
112	100		
114	37.0	23.2	43.2
77	55.6	45.7	68.5



Instrument :
MSVOA_V
ClientSampleId :
CWJZ0