Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052920\
Data File : VV016329.D
Acq On : 29 May 2020 23:00
Operator : SY/MD
Sample : L2826-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : CWKB5

Quant Time: May 30 03:19:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	92955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86263	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39145	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27362	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.58	69	22012	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.12	63	40661	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	3.94	46	76361	51.56	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.12%			
24) Chloroform-d	4.38	84	51609	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
26) 1,2-Dichloroethane-d4	5.06	65	29489	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.07	84	105847	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.09	67	32704	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.34	98	95206	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
45) trans-1,3-Dichloropropene-	7.64	79	10616	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.20%			
48) 2-Hexanone-d5	8.12	63	57900	51.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.46%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21644	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	32618	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1234	0.138	ug/L	100
5) Vinyl chloride	1.32	62	3056	0.375	ug/L	93
12) 1,1-Dichloroethene	2.13	96	1843	0.336	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	2680	0.447	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	144233	20.325	ug/L	97
25) Chloroform	4.40	83	3254	0.270	ug/L	98
33) Benzene	5.13	78	2218	0.089	ug/L	100
34) Trichloroethene	5.94	95	866858	134.046	ug/L	99
49) Tetrachloroethene	8.00	164	26963	5.808	ug/L	98
53) Chlorobenzene	8.90	112	12500	0.747	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	2033	0.167	ug/L	87

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

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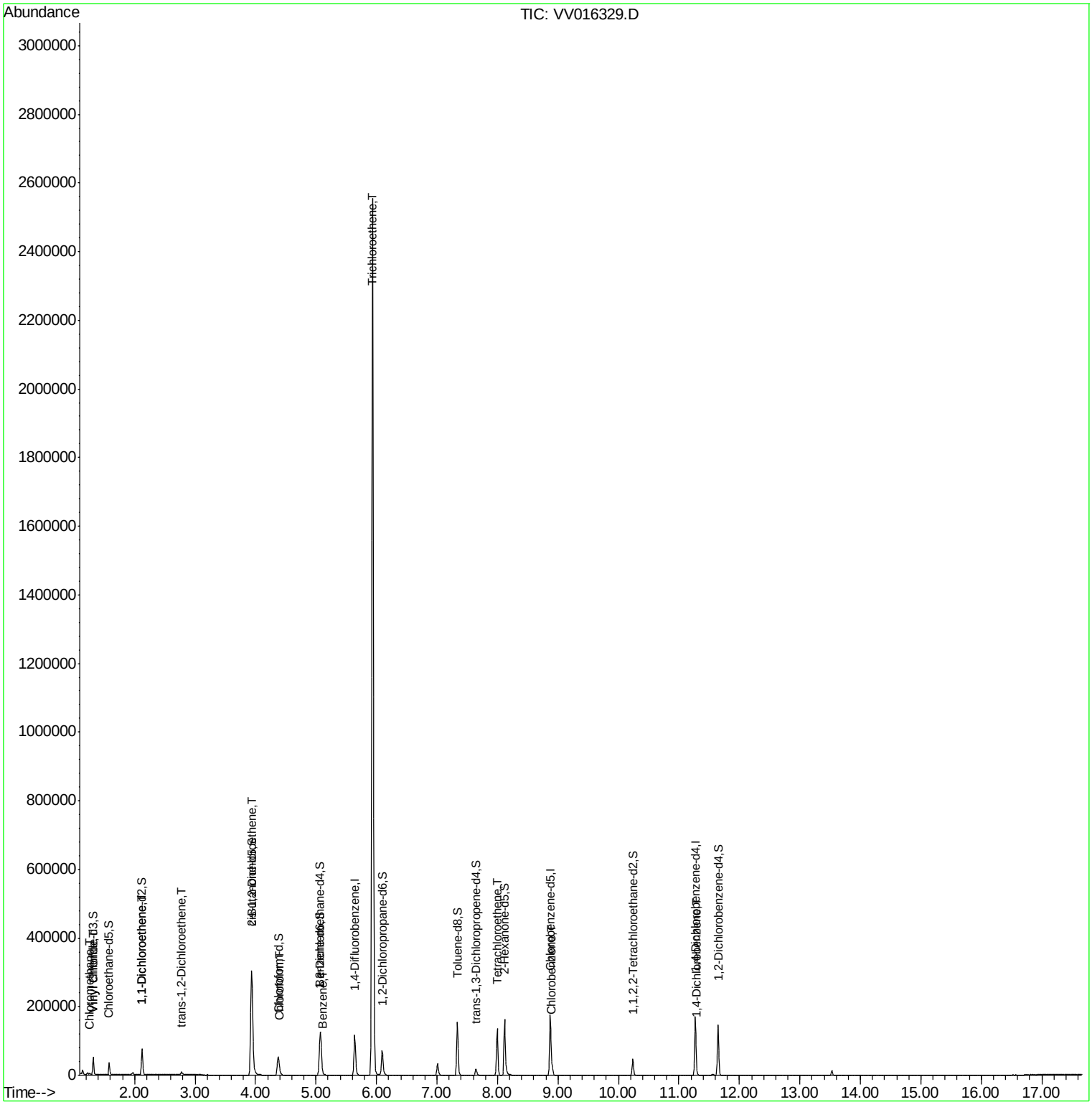
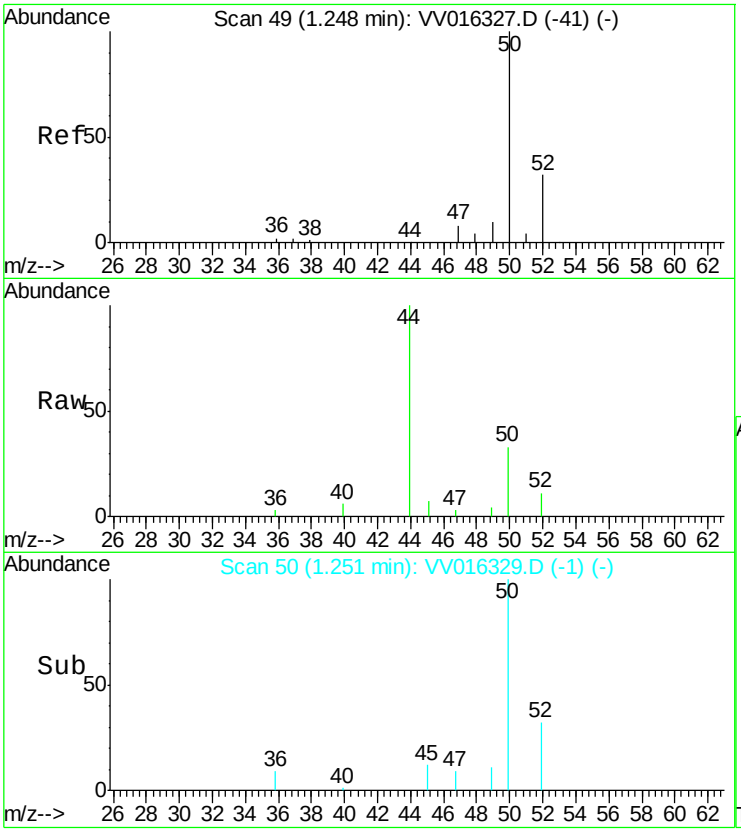
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 03:05:25 2020
Response via : Initial Calibration



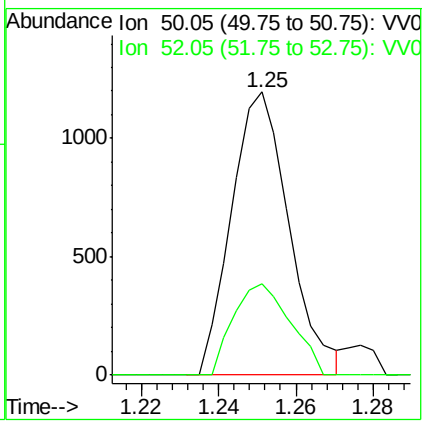


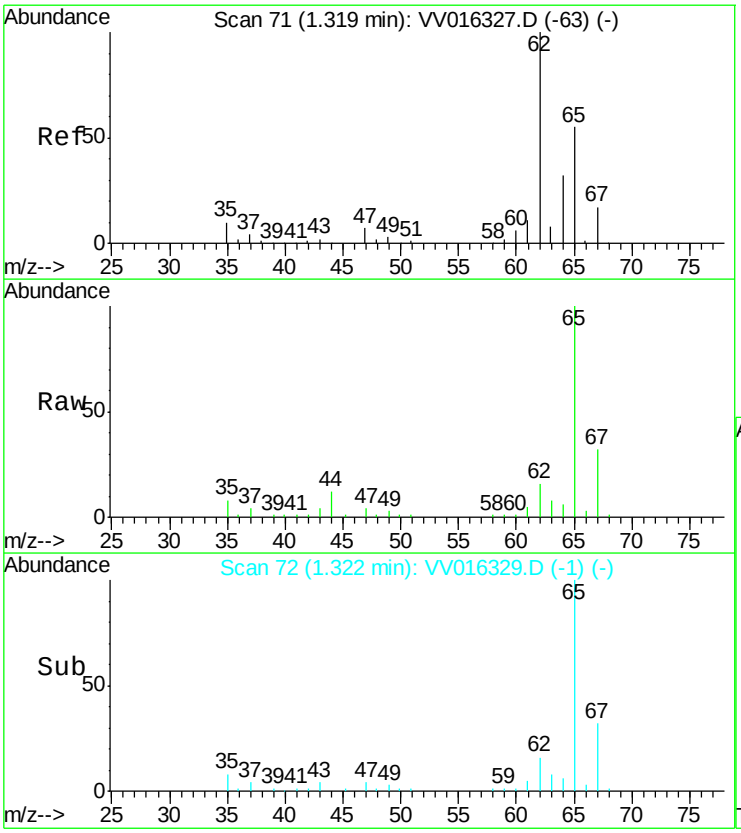
#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Instrument :
MSVOA_V
ClientSampleId :
CWKB5

Tgt Ion: 50 Resp: 1234

Ion	Ratio	Lower	Upper
50	100		
52	32.4	22.5	41.9

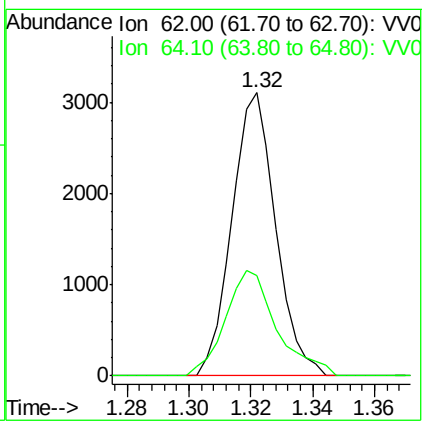


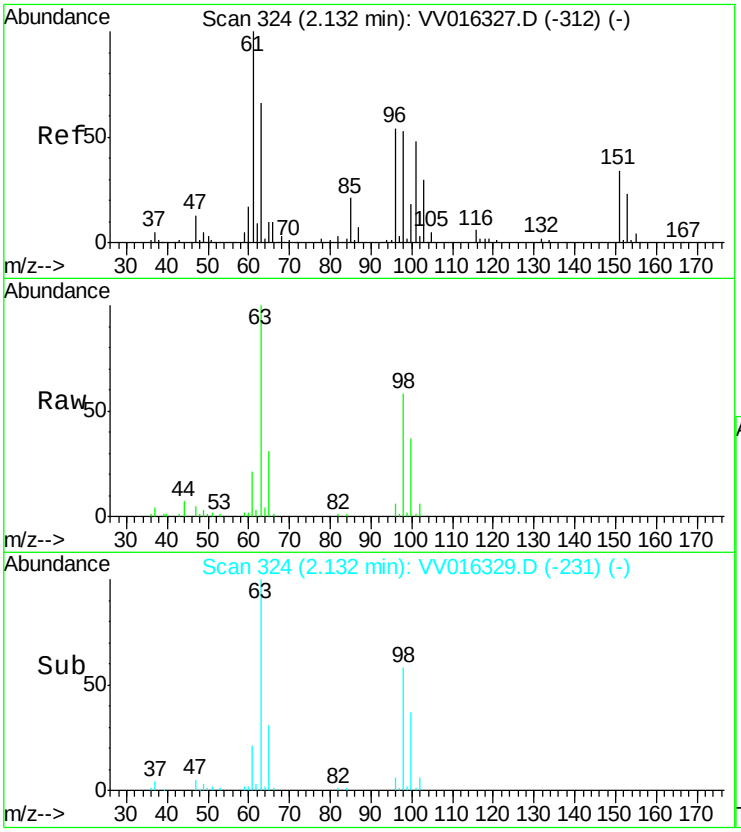


#5
Vinyl chloride
Concen: 0.375 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Tgt Ion: 62 Resp: 3056

Ion	Ratio	Lower	Upper
62	100		
64	35.4	22.1	41.1



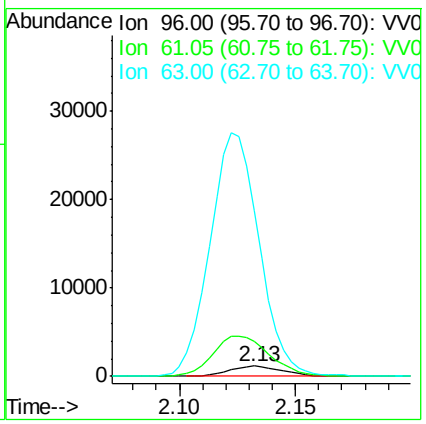


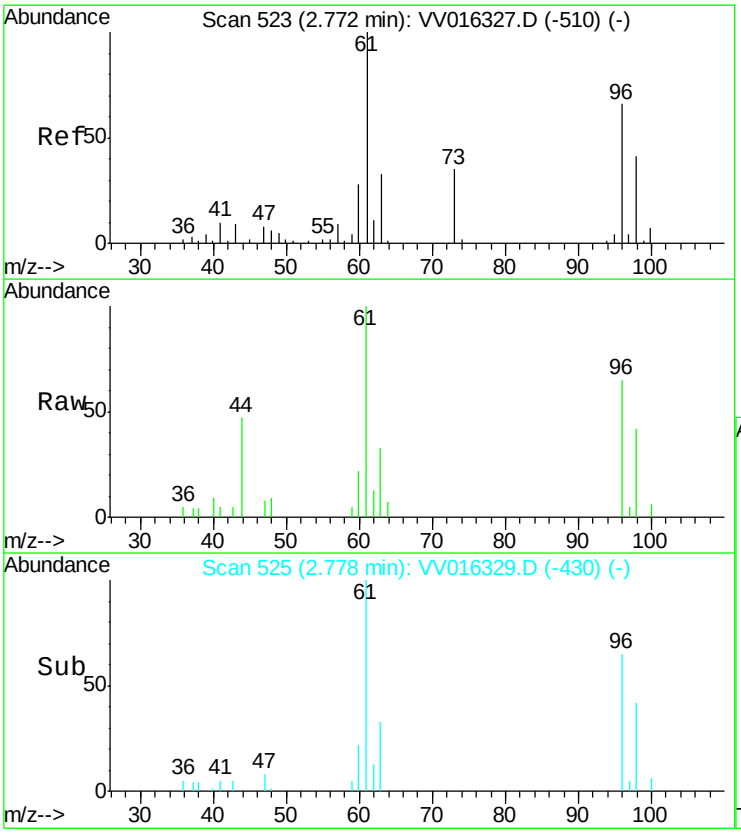
#12
1,1-Dichloroethene
Concen: 0.336 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Instrument :
MSVOA_V
ClientSampleId :
CWKB5

Tgt Ion: 96 Resp: 1843

Ion	Ratio	Lower	Upper
96	100		
61	329.5	124.9	231.9#
63	1564.7	80.4	149.2#

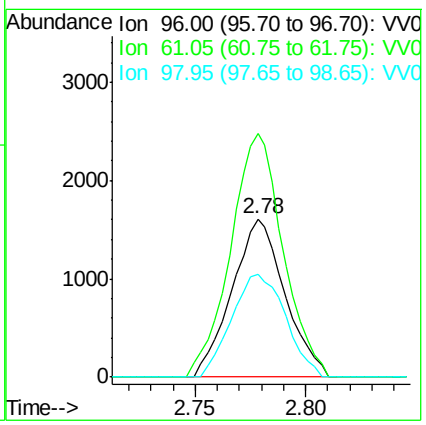


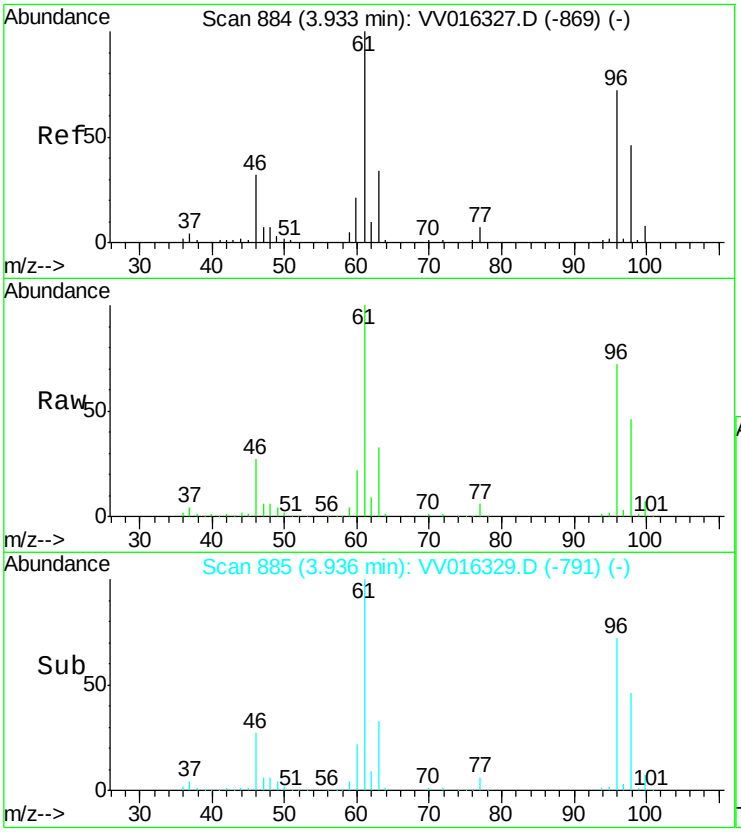


#18
trans-1,2-Dichloroethene
Concen: 0.447 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Tgt Ion: 96 Resp: 2680

Ion	Ratio	Lower	Upper
96	100		
61	153.7	99.8	185.4
98	64.9	44.0	81.6



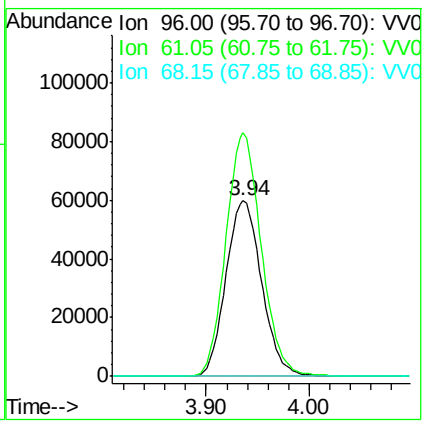


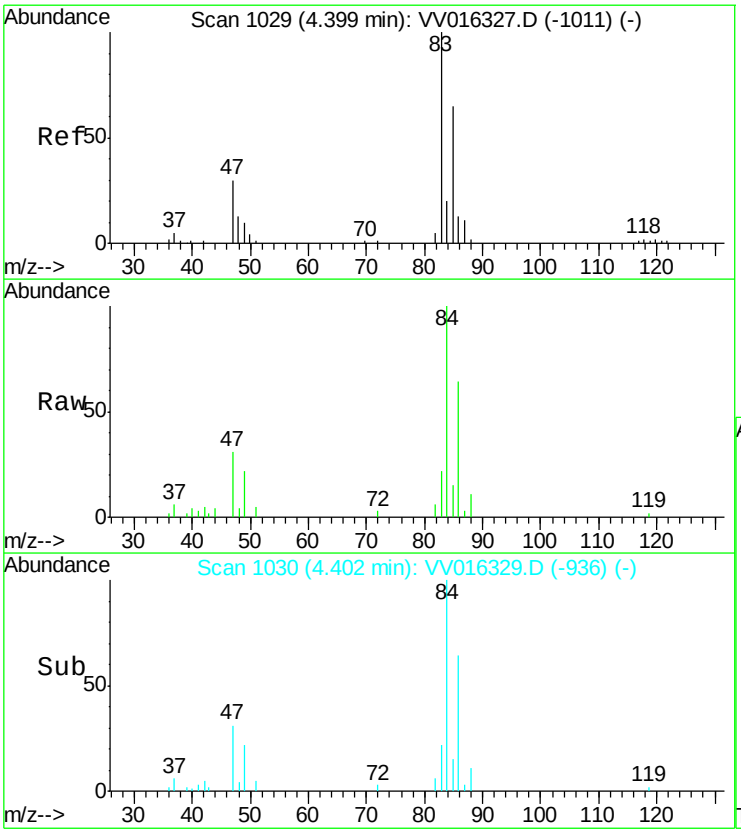
#22
cis-1,2-Dichloroethene
Concen: 20.325 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Instrument :
MSVOA_V
ClientSampleId :
CWKB5

Tgt Ion: 96 Resp: 144233

Ion	Ratio	Lower	Upper
96	100		
61	138.6	99.7	185.1
68	0.0	0.0	0.0

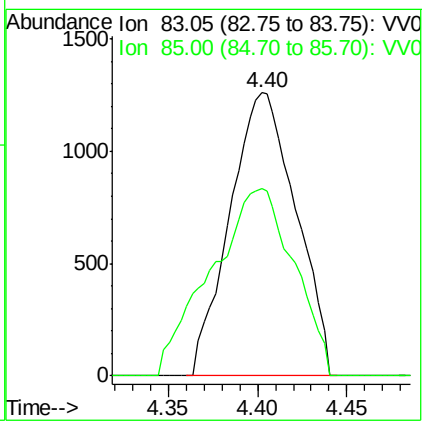


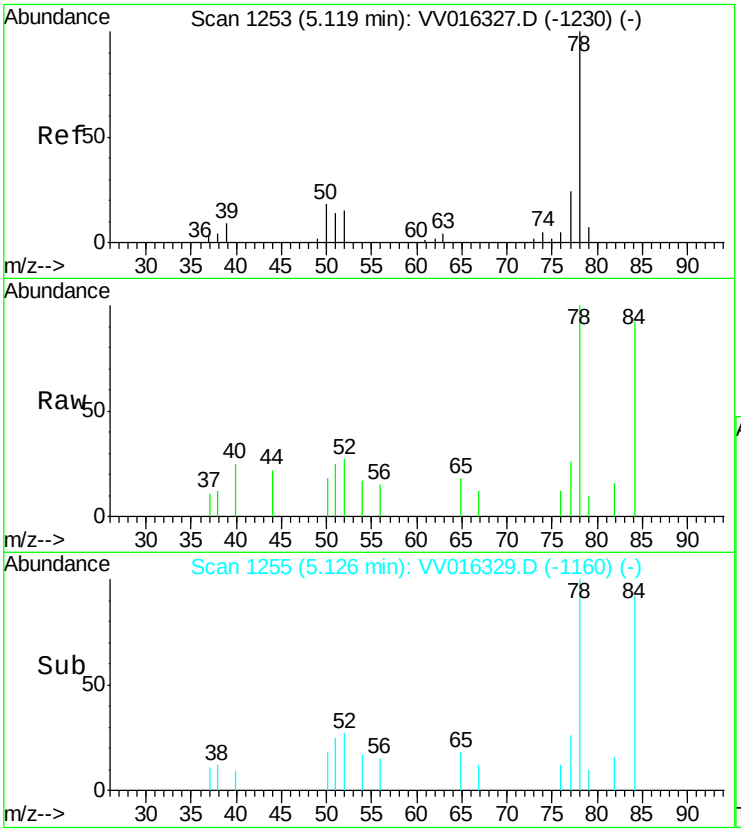


#25
Chloroform
Concen: 0.270 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Tgt Ion: 83 Resp: 3254

Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.1	83.7

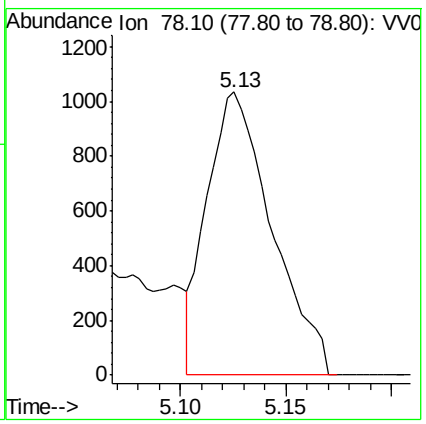


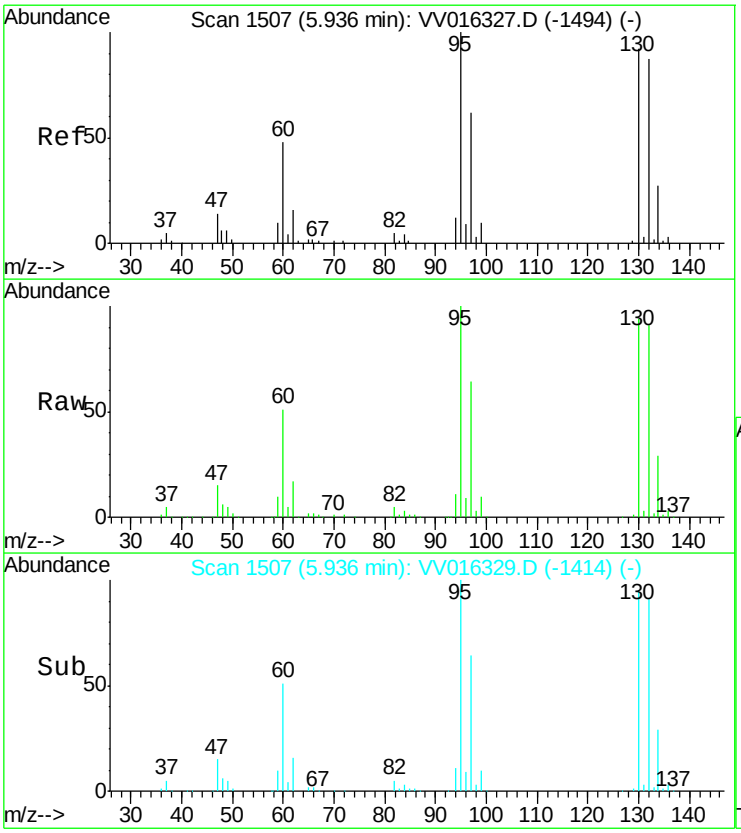


#33
Benzene
Concen: 0.089 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Instrument :
MSVOA_V
ClientSampleId :
CWKB5

Tgt Ion: 78 Resp: 2218

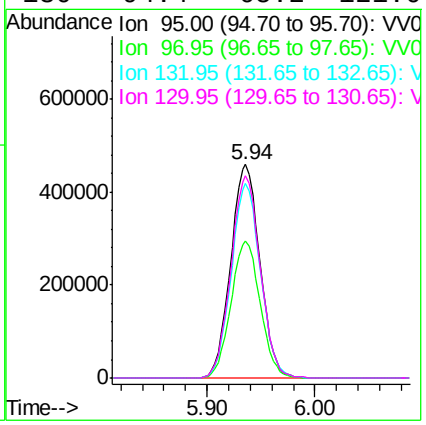


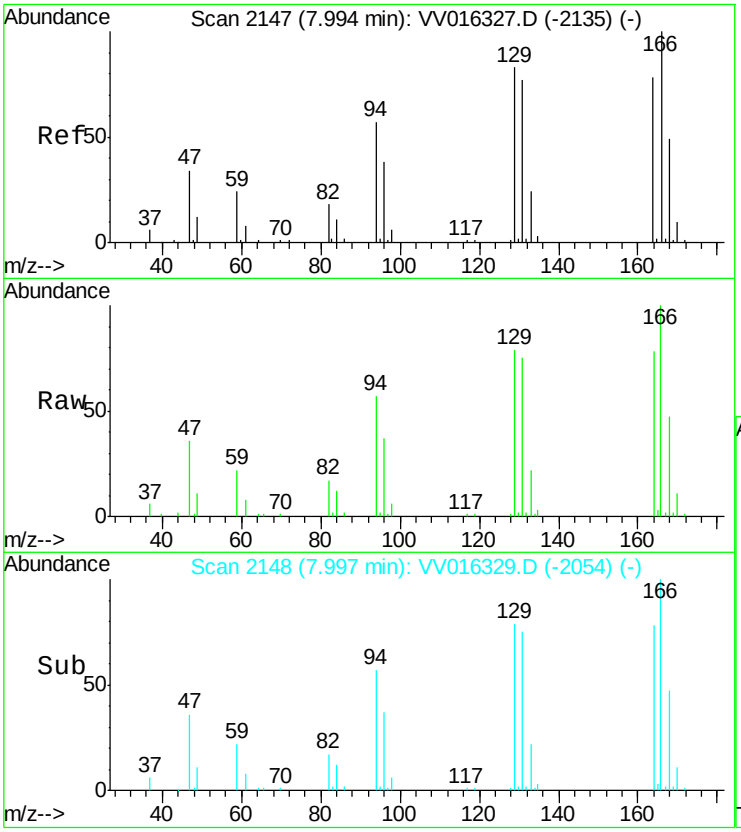


#34
Trichloroethene
Concen: 134.046 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Tgt Ion: 95 Resp: 866858

Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.6	81.0
132	90.9	63.9	118.7
130	94.4	65.2	121.0



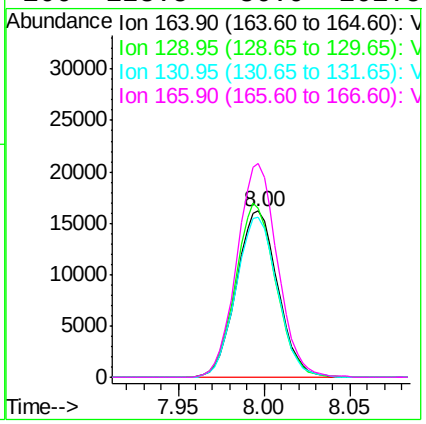


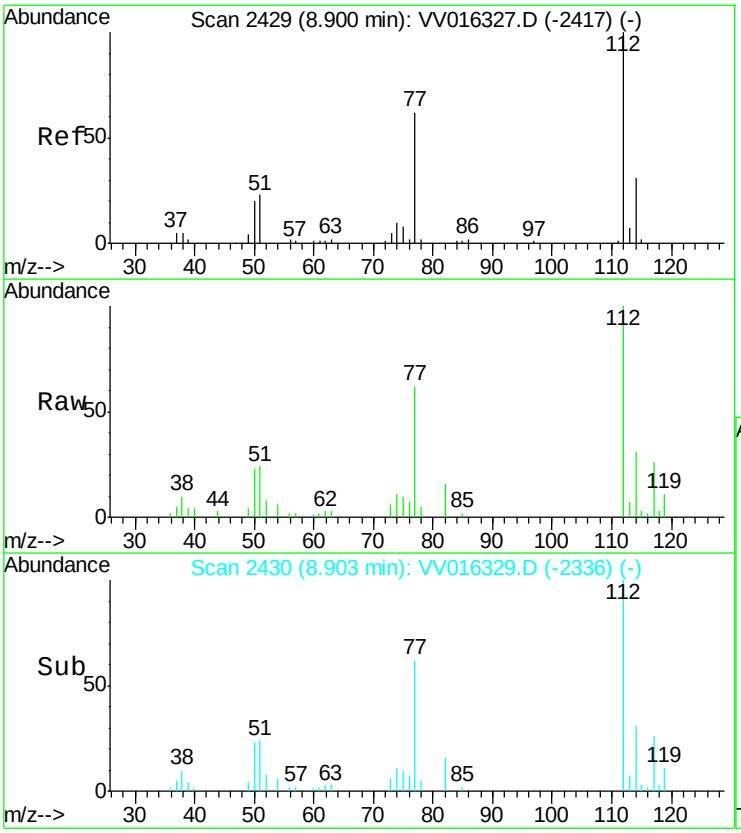
#49
Tetrachloroethene
Concen: 5.808 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Instrument : MSVOA_V
ClientSampleId : CWKB5

Tgt Ion:164 Resp: 26963

Ion	Ratio	Lower	Upper
164	100		
129	101.8	70.7	131.3
131	96.3	66.6	123.8
166	128.5	86.9	161.5

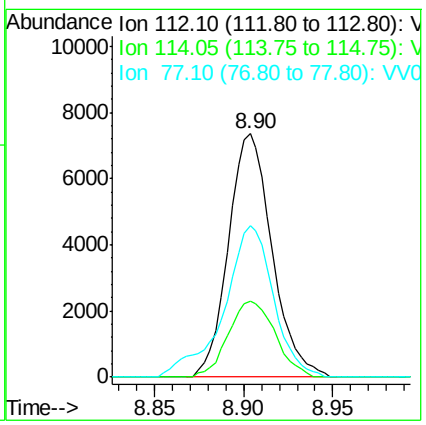


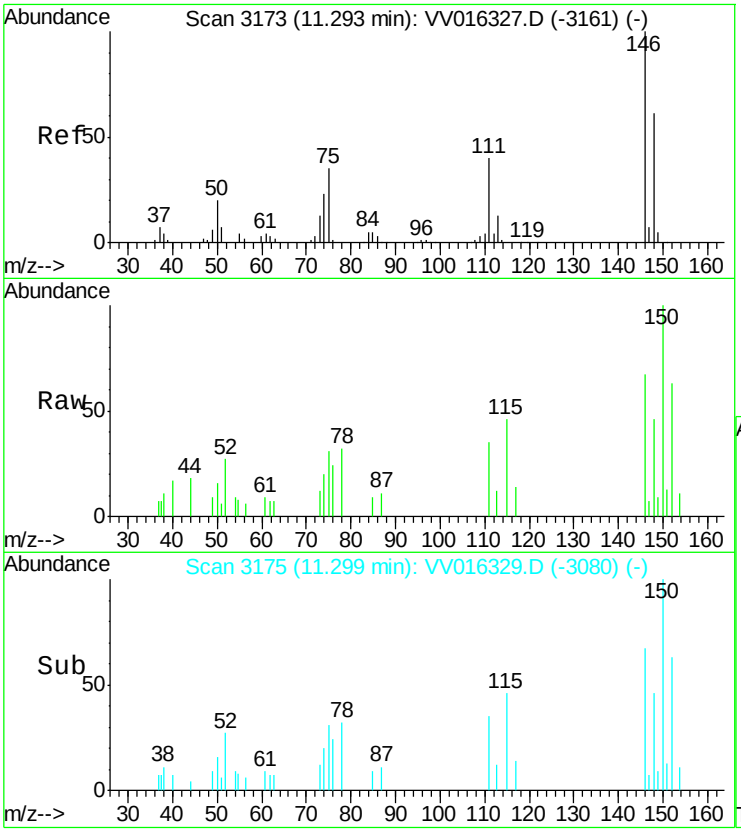


#53
Chlorobenzene
Concen: 0.747 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Tgt Ion:112 Resp: 12500

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.3
77	62.1	50.7	76.1





#64
1,4-Dichlorobenzene
Concen: 0.167 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.01 min
Lab File: VV016329.D
Acq: 29 May 2020 23:00

Instrument :
MSVOA_V
ClientSampleId :
CWKB5

Tgt Ion:146 Resp: 2033

Ion	Ratio	Lower	Upper
146	100		
111	52.5	28.3	52.7
148	68.6	43.3	80.3