Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016299.D
Acq On : 29 May 2020 01:06
Operator : SY/MD
Sample : L2662-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B06

Quant Time: May 29 05:51:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84620	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82172	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36922	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	21159	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.58	69	20748	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.13	63	34369	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	3.94	46	73941	54.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.70%			
24) Chloroform-d	4.38	84	45095	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.06	65	27217	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.08	84	94509	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.10	67	30316	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.34	98	84749	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
45) trans-1,3-Dichloropropene-	7.65	79	9374	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
48) 2-Hexanone-d5	8.12	63	51125	47.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.98%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21156	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	30198	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	59402	8.016	ug/L	99
8) Chloroethane	1.60	64	4121	0.995	ug/L	88
12) 1,1-Dichloroethene	2.14	96	4380	0.878	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	8676	1.588	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	395268	61.188	ug/L	99
25) Chloroform	4.41	83	4507	0.410	ug/L	95
33) Benzene	5.13	78	19243	0.814	ug/L	100
34) Trichloroethene	5.94	95	987892	160.367	ug/L	98
42) Toluene	7.41	91	3245	0.126	ug/L	93
53) Chlorobenzene	8.91	112	5247	0.329	ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	3037	0.298	ug/L	88

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

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Instrument : MSVOA_V
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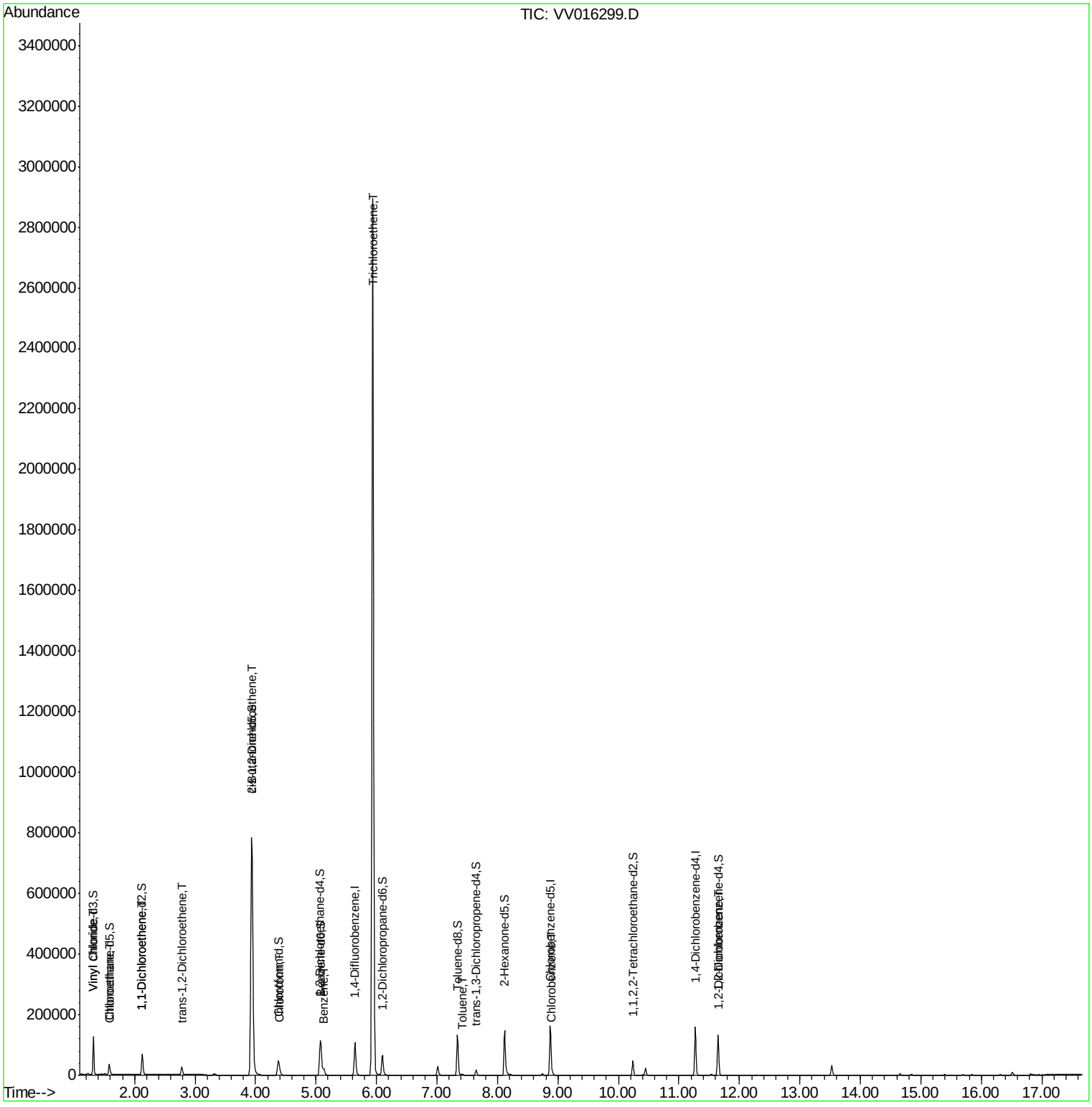
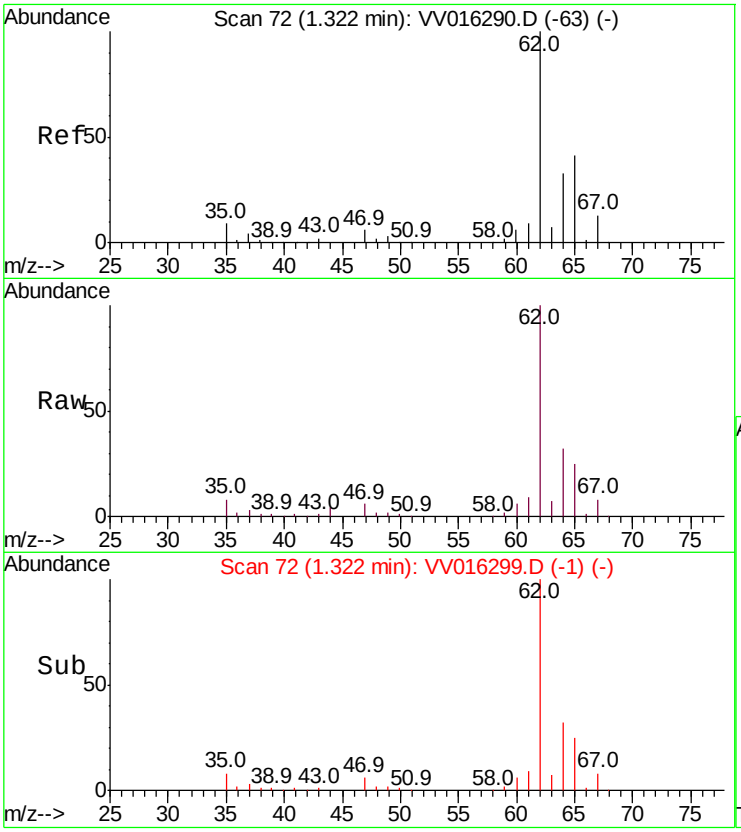
Quant Time: May 29 05:51:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration



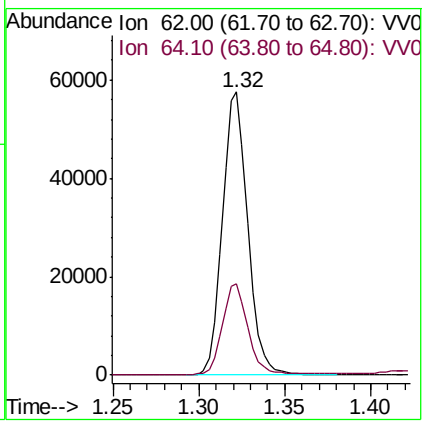


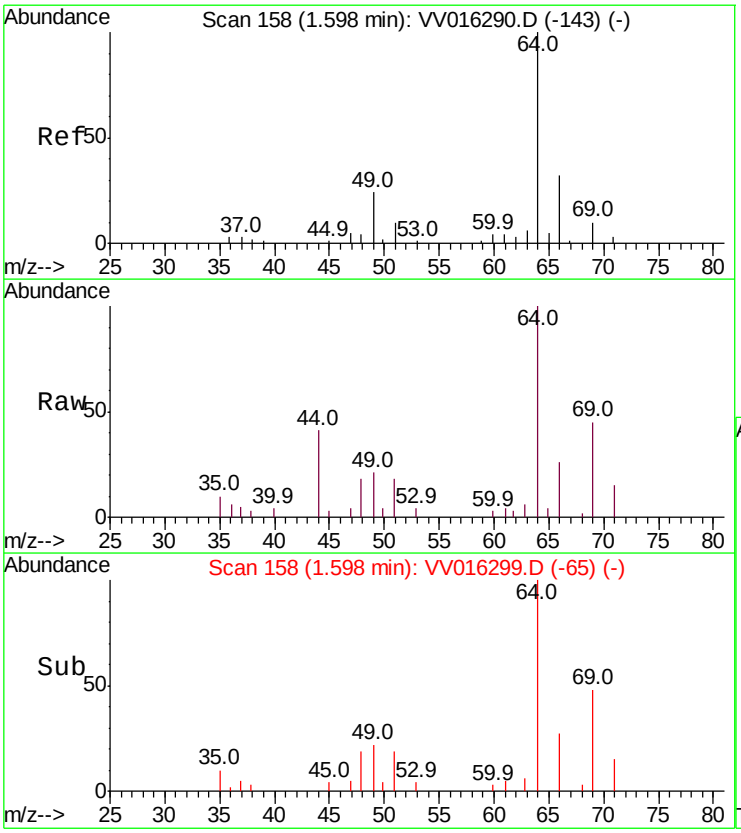
#5
Vinyl chloride
Concen: 8.016 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Tgt Ion: 62 Resp: 59402

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.1	41.1

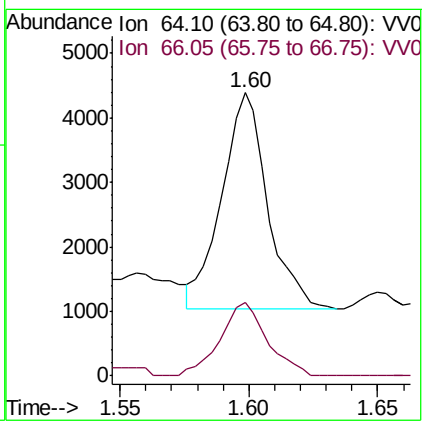


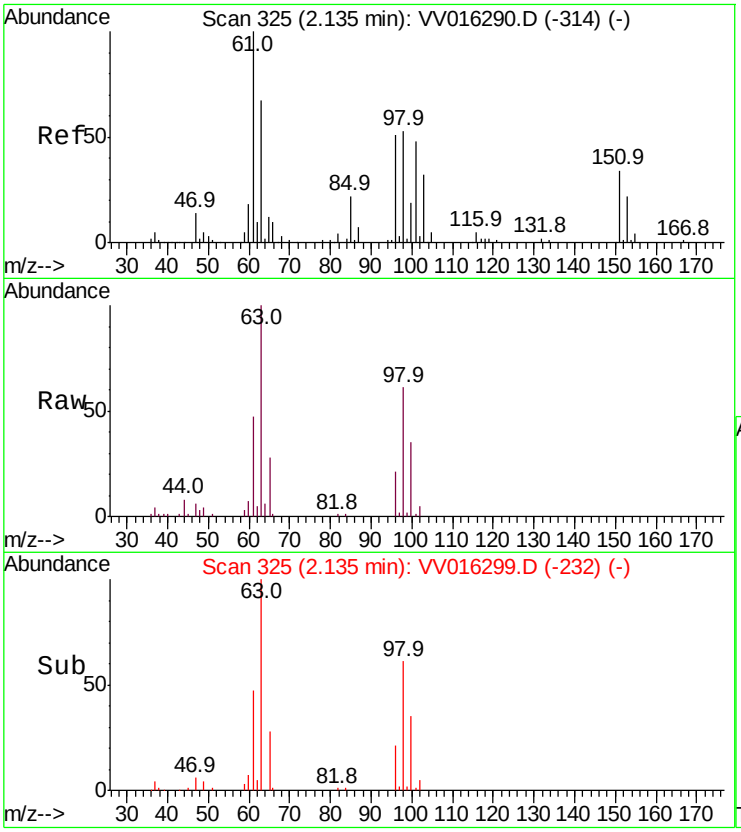


#8
Chloroethane
Concen: 0.995 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Tgt Ion: 64 Resp: 4121

Ion	Ratio	Lower	Upper
64	100		
66	25.7	22.9	42.5



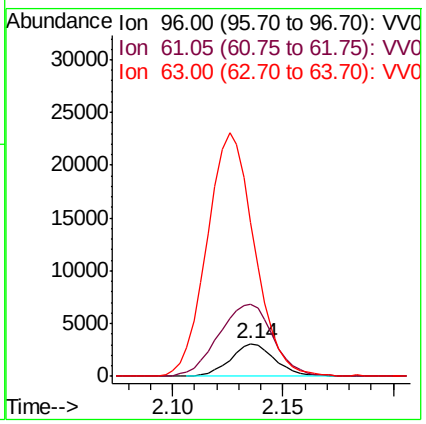


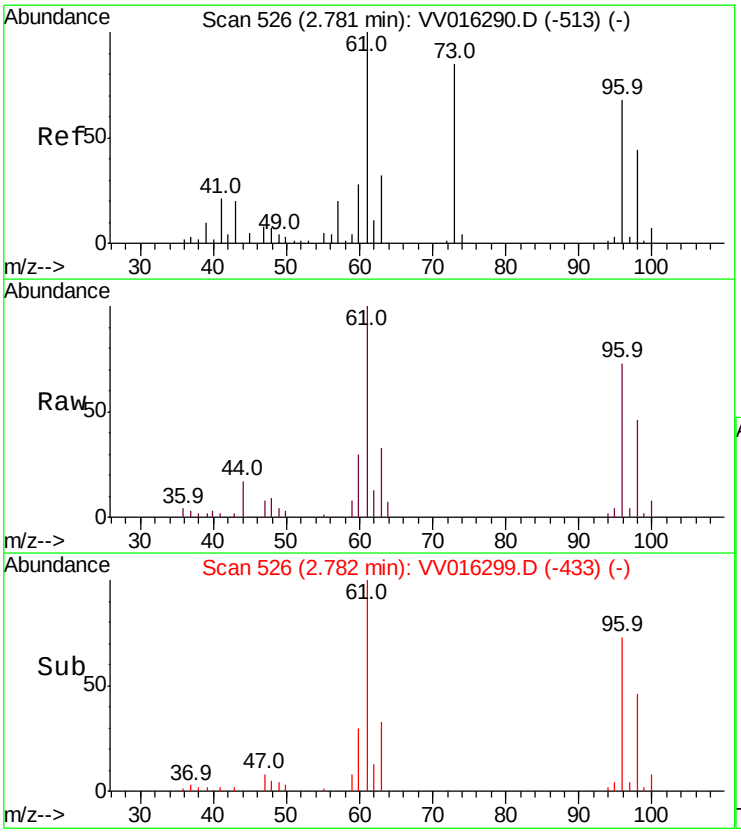
#12
1,1-Dichloroethene
Concen: 0.878 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument : MSVOA_V
ClientSampleId : F9B06

Tgt Ion: 96 Resp: 4380

Ion	Ratio	Lower	Upper
96	100		
61	219.8	124.9	231.9
63	467.7	80.4	149.2#

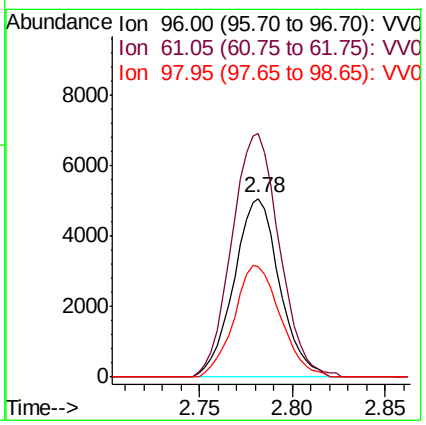


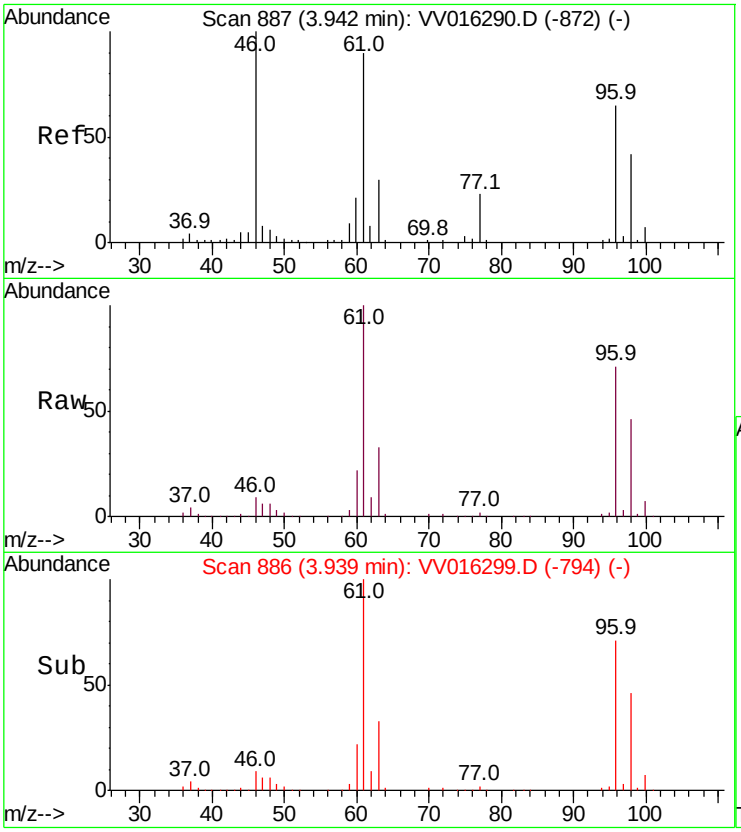


#18
trans-1,2-Dichloroethene
Concen: 1.588 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Tgt Ion: 96 Resp: 8676

Ion	Ratio	Lower	Upper
96	100		
61	136.4	99.8	185.4
98	62.2	44.0	81.6



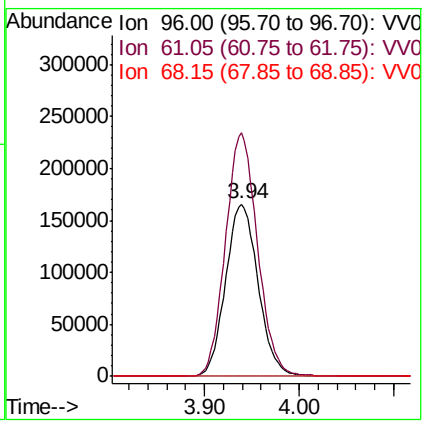


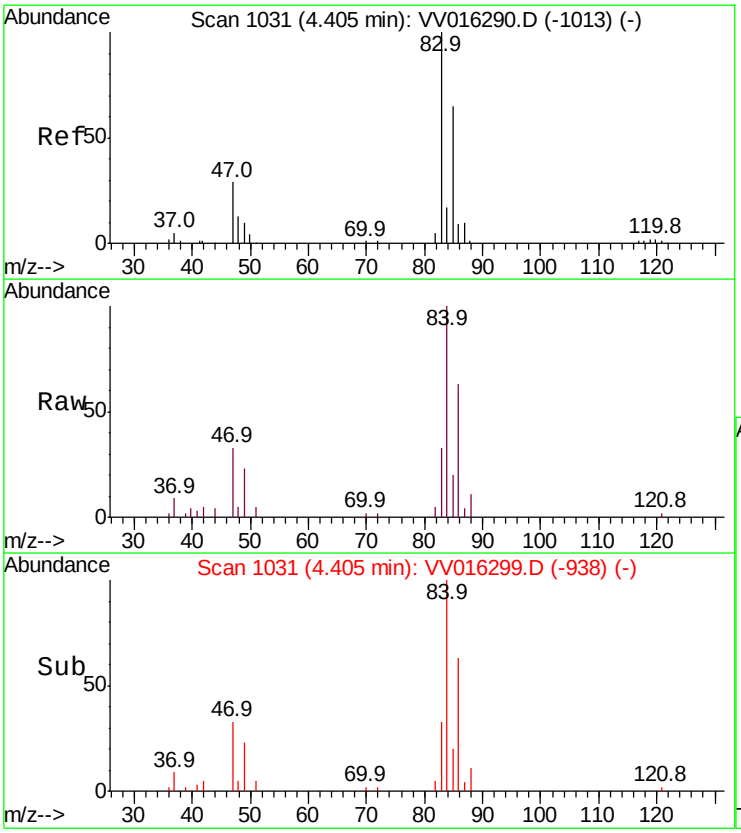
#22
cis-1,2-Dichloroethene
Concen: 61.188 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Tgt Ion: 96 Resp: 395268

Ion	Ratio	Lower	Upper
96	100		
61	141.4	99.7	185.1
68	0.0	0.0	0.0

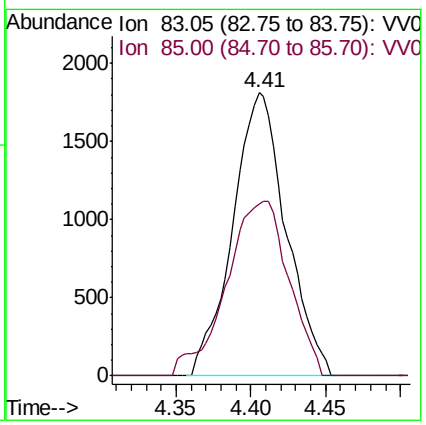


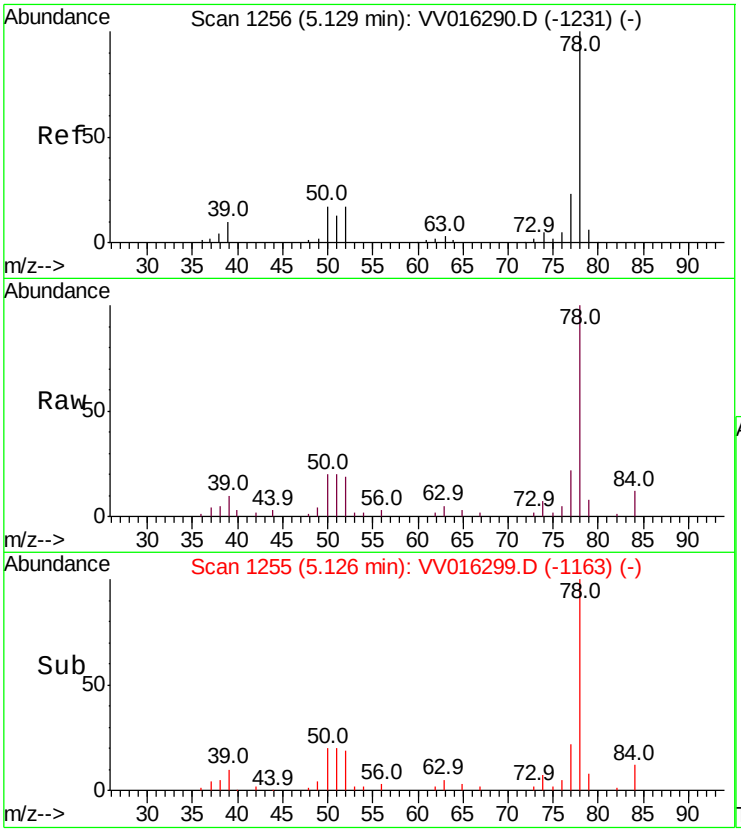


#25
Chloroform
Concen: 0.410 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Tgt Ion: 83 Resp: 4507

Ion	Ratio	Lower	Upper
83	100		
85	60.7	45.1	83.7

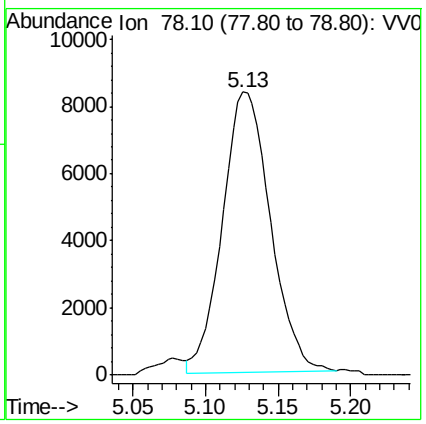


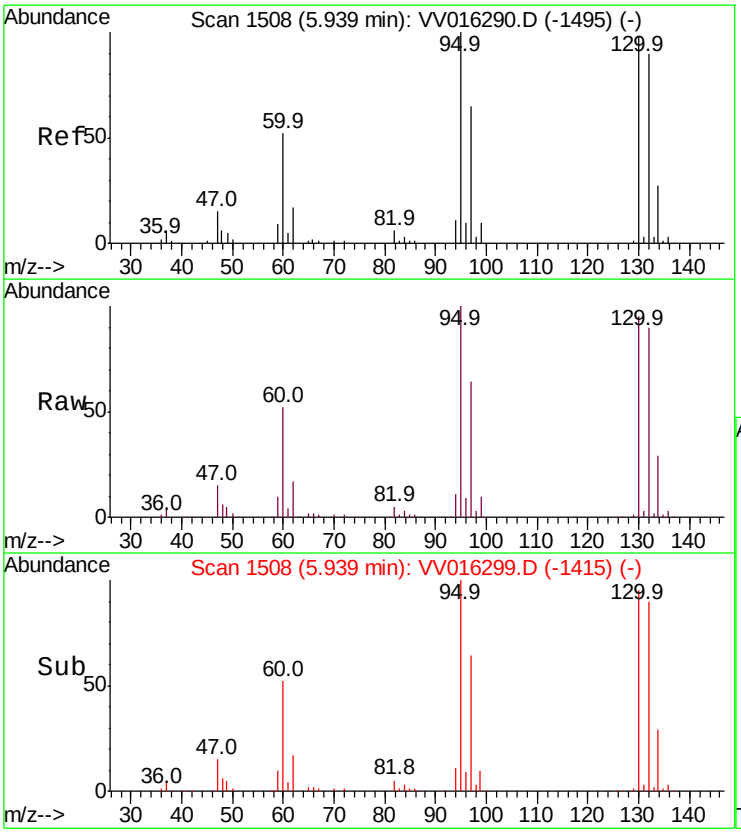


#33
Benzene
Concen: 0.814 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Tgt Ion: 78 Resp: 19243

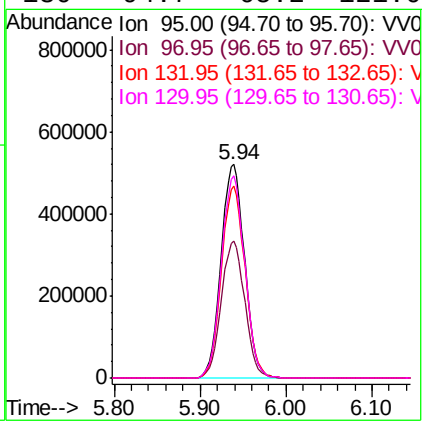


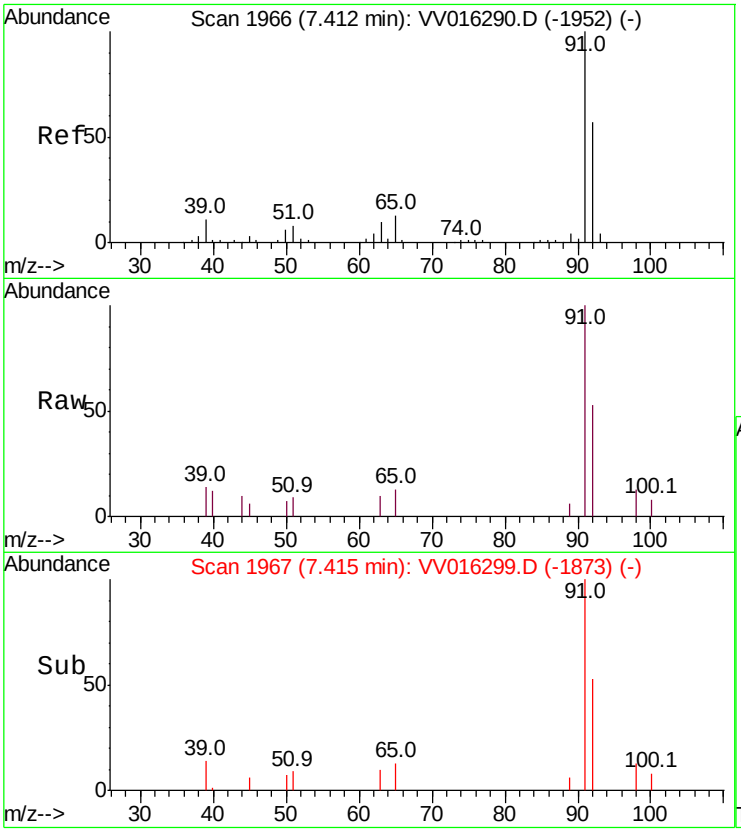


#34
Trichloroethene
Concen: 160.367 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Tgt Ion: 95 Resp: 987892

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.6	81.0
132	89.8	63.9	118.7
130	94.7	65.2	121.0



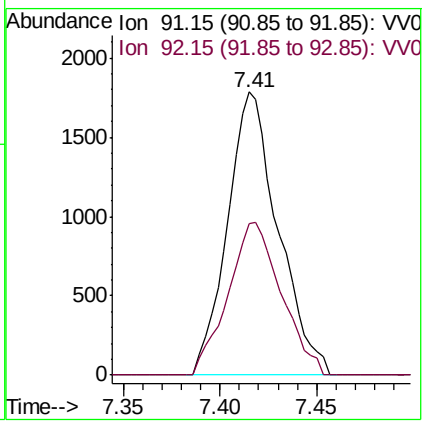


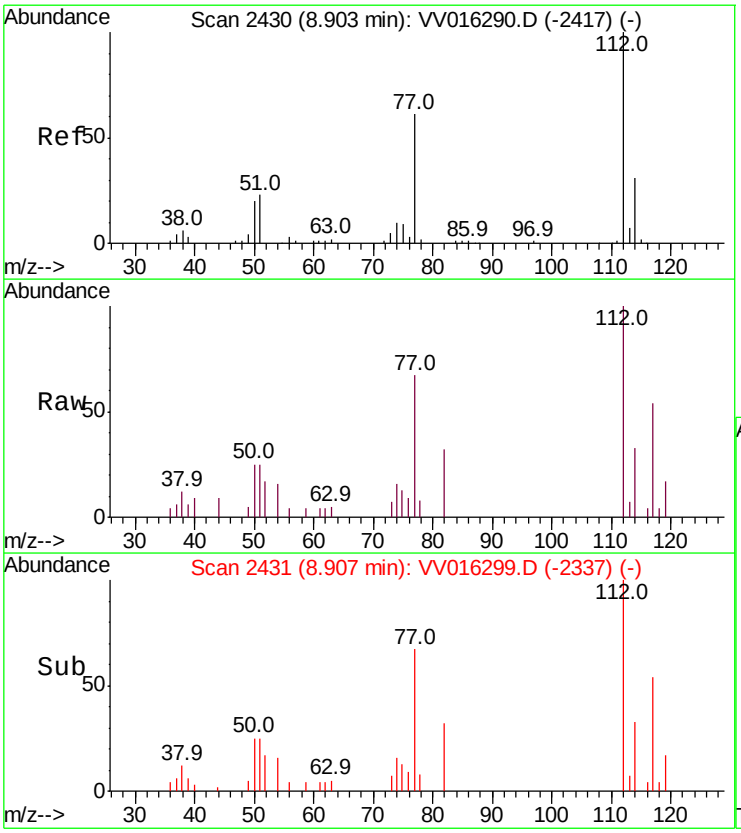
#42
Toluene
Concen: 0.126 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Tgt Ion: 91 Resp: 3245

Ion	Ratio	Lower	Upper
91	100		
92	53.5	40.9	76.0

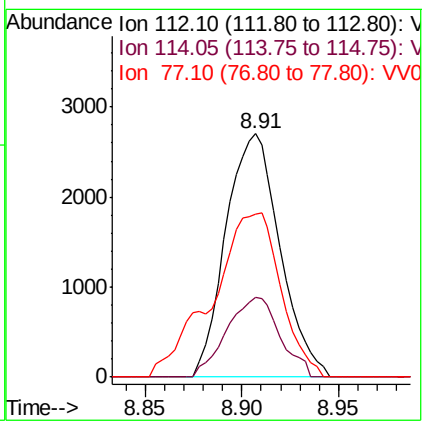


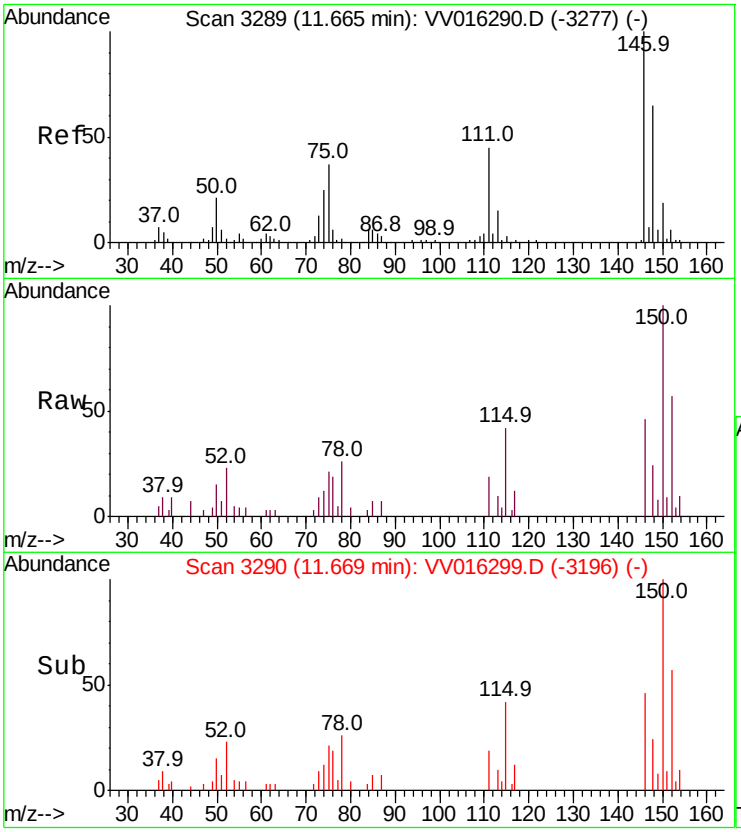


#53
Chlorobenzene
Concen: 0.329 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Tgt Ion:112 Resp: 5247

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.3
77	67.0	50.7	76.1





#66
1,2-Dichlorobenzene
Concen: 0.298 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV016299.D
Acq: 29 May 2020 01:06

Instrument :
MSVOA_V
ClientSampleId :
F9B06

Tgt Ion:146 Resp: 3037

Ion	Ratio	Lower	Upper
146	100		
111	40.5	35.7	53.5
148	52.1	51.3	76.9