Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061820\
Data File : VV016971.D
Acq On : 18 Jun 2020 12:04
Operator : SY/MD
Sample : L3039-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9M01

Manual Integrations APPROVED
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6/19/2020 3:02:33 PM

Quant Time: Jun 19 05:25:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380563	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	361744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187317	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	100609	37.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.94%			
7) Chloroethane-d5	1.58	69	72285	44.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.72%			
11) 1,1-Dichloroethene-d2	2.12	63	150674	33.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.82%			
21) 2-Butanone-d5	3.91	46	167344	84.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.20%			
24) Chloroform-d	4.38	84	231611	42.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.84%			
26) 1,2-Dichloroethane-d4	5.06	65	169659	45.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.36%			
32) Benzene-d6	5.08	84	457303	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.70%			
36) 1,2-Dichloropropane-d6	6.09	67	141503	43.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.06%			
41) Toluene-d8	7.34	98	422809	44.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.38%			
43) trans-1,3-Dichloropropene-	7.64	79	73009	43.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.26%			
47) 2-Hexanone-d5	8.11	63	100283	70.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 70.77%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184847	42.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.92%			
64) 1,2-Dichlorobenzene-d4	11.65	152	188860	47.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.48%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	808652	298.028	ug/L	100
8) Chloroethane	1.60	64	3908m	2.916	ug/L	
14) Carbon disulfide	2.32	76	9558	1.398	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	9147	3.552	ug/L	83
20) cis-1,2-Dichloroethene	3.94	96	969921m	345.459	ug/L	
25) Chloroform	4.41	83	9209	1.848	ug/L	96
34) Trichloroethene	5.94	95	5943	2.070	ug/L	97
42) Toluene	7.41	91	10933	0.969	ug/L	96
46) Tetrachloroethene	8.00	164	2507	1.110	ug/L	84
53) m,p-Xylene	9.17	106	6518	1.401	ug/L	98
54) o-xylene	9.57	106	3074	0.670	ug/L	75

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

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Instrument :
MSVOA_V
ClientSampleId :
F9M01

Manual Integrations APPROVED
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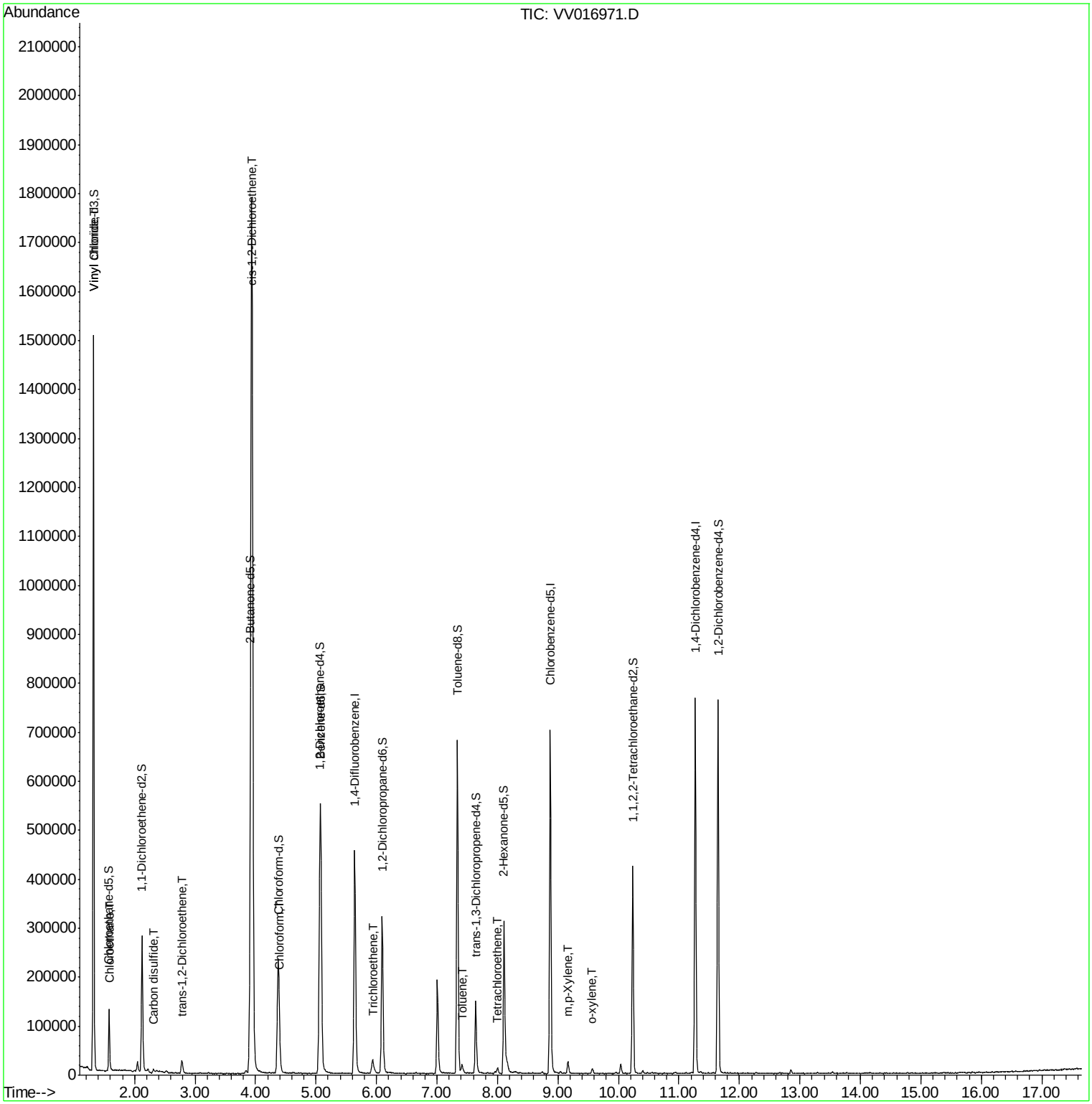

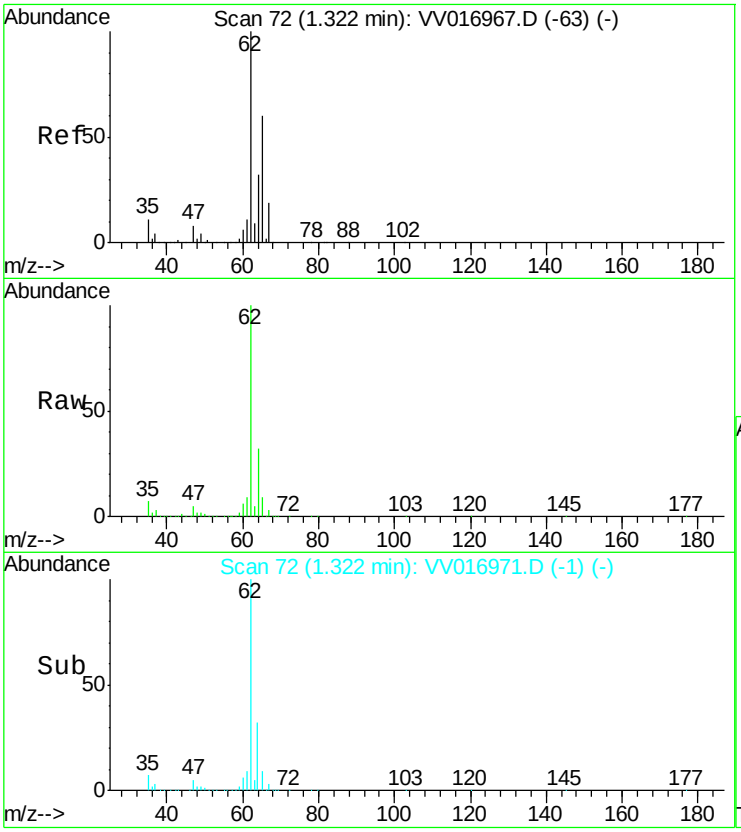

#5
Vinyl chloride
Concen: 298.028 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 62 Resp: 808652

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.3	41.5

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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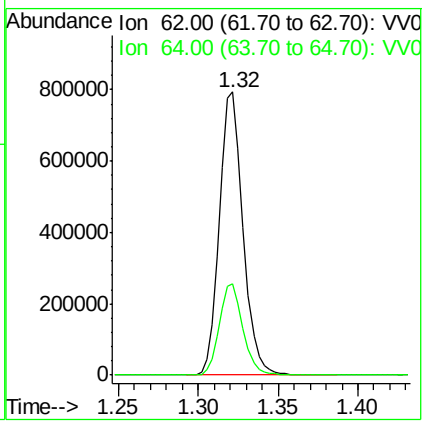
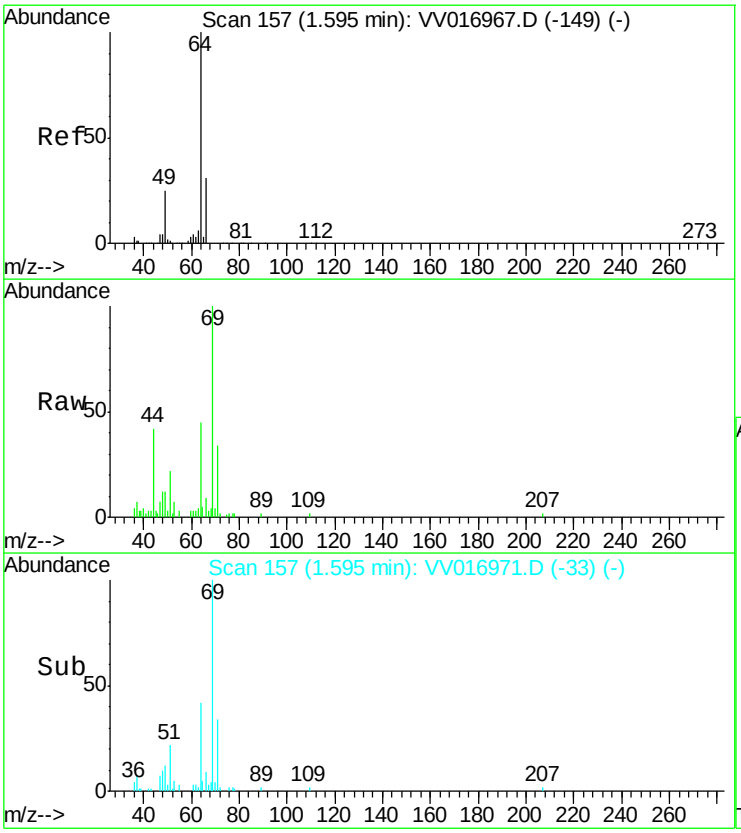
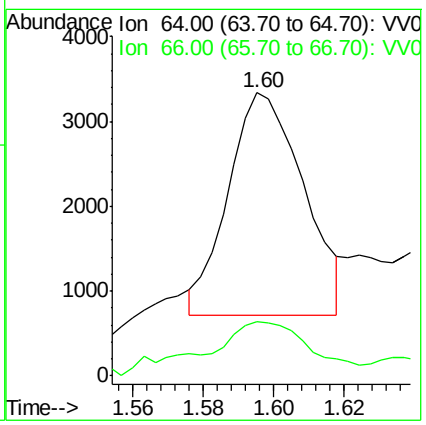


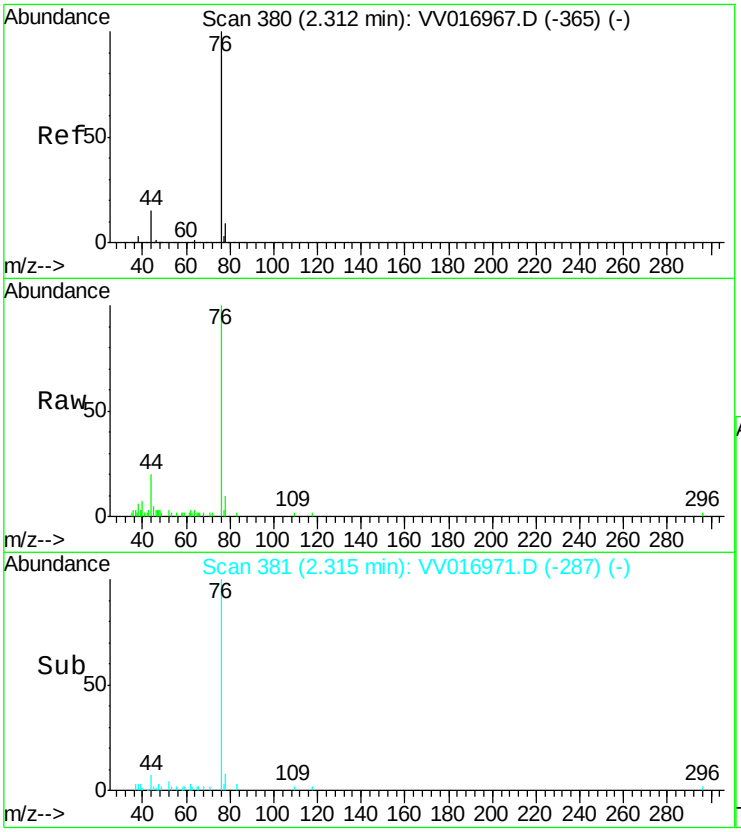


#8
Chloroethane
Concen: 2.916 ug/L m
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 64 Resp: 3908

Ion	Ratio	Lower	Upper
64	100		
66	19.3	23.2	43.0#

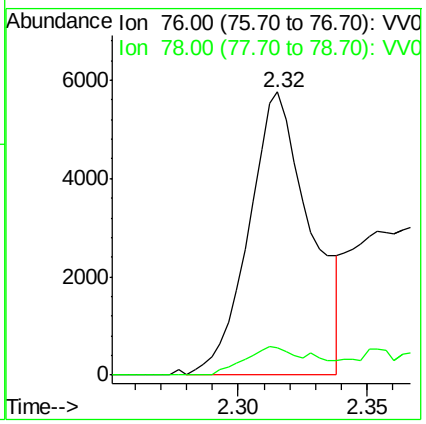




#14
Carbon disulfide
Concen: 1.398 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 76 Resp: 9558

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0



Instrument :
MSVOA_V
ClientSampleId :
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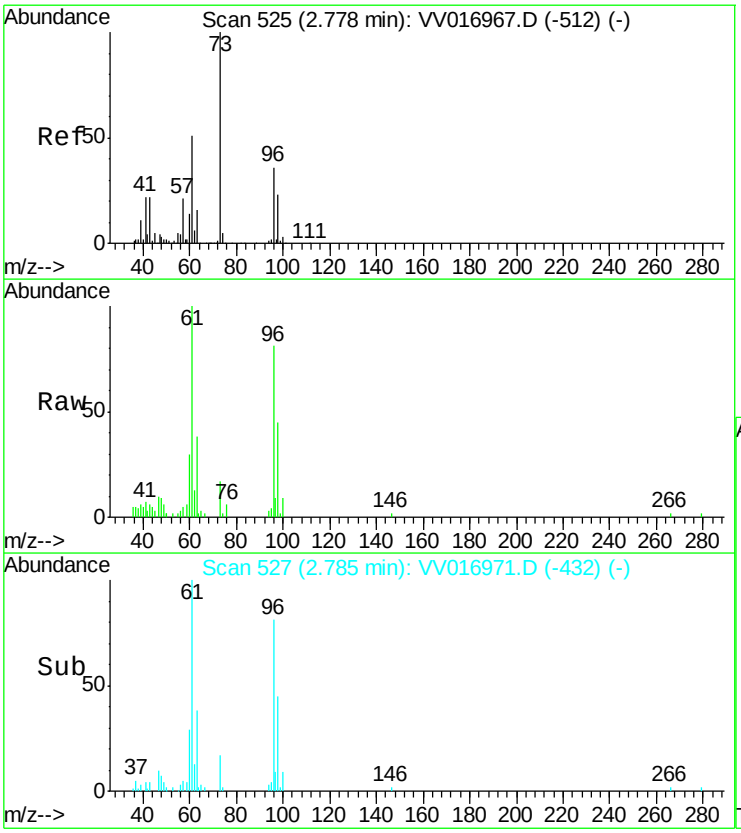
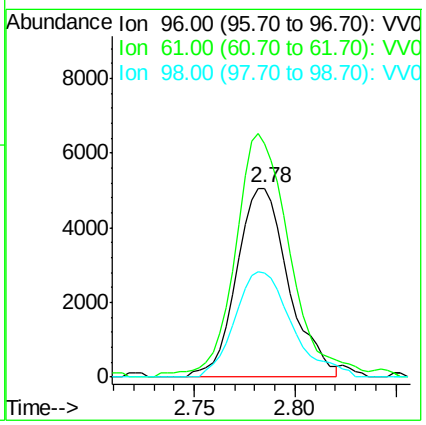
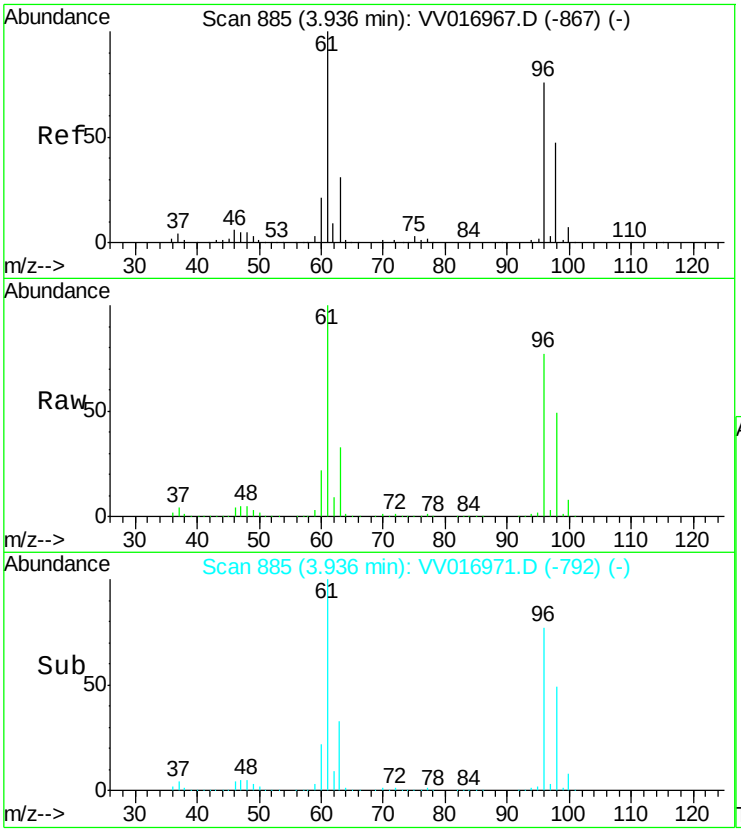


#17
trans-1,2-Dichloroethene
Concen: 3.552 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 96 Resp: 9147

Ion	Ratio	Lower	Upper
96	100		
61	123.3	102.9	191.1
98	54.9	45.5	84.5

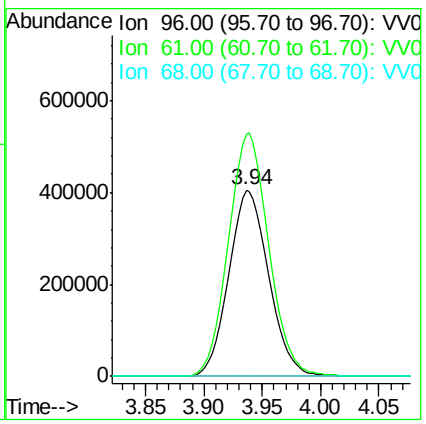




#20
cis-1,2-Dichloroethene
Concen: 345.459 ug/L m
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 96 Resp: 969921

Ion	Ratio	Lower	Upper
96	100		
61	130.3	93.4	173.4
68	0.0	0.0	0.0#



Instrument :
MSVOA_V
ClientSampleId :
F9M01

Manual Integrations APPROVED
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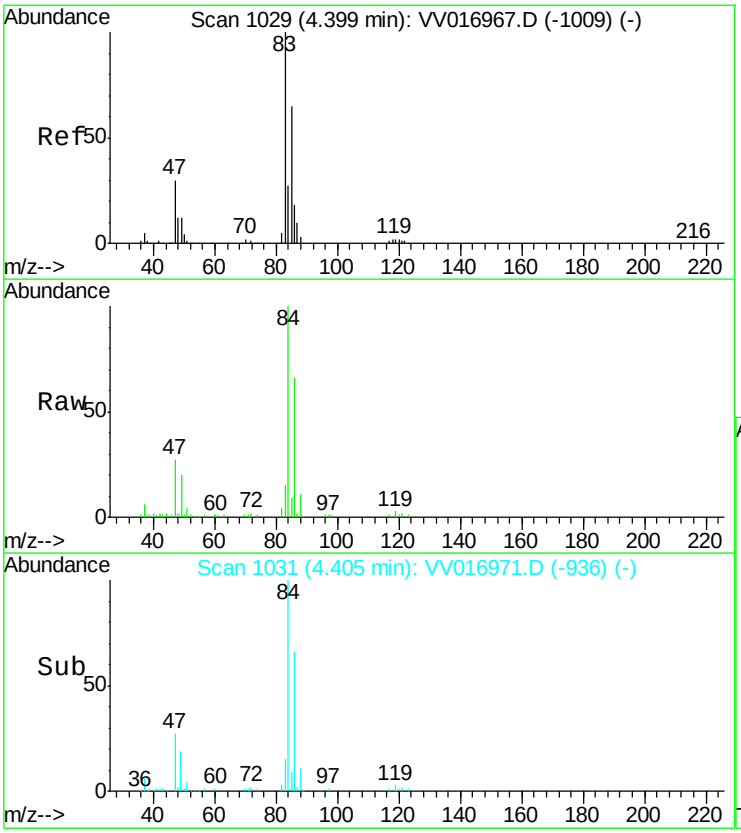
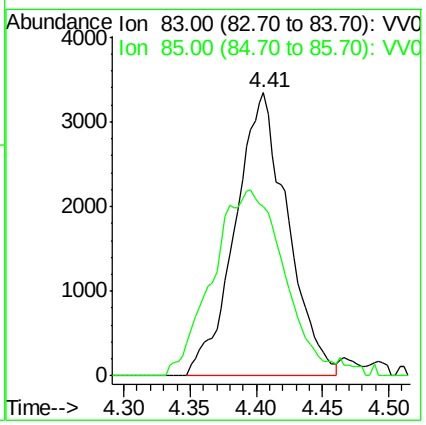
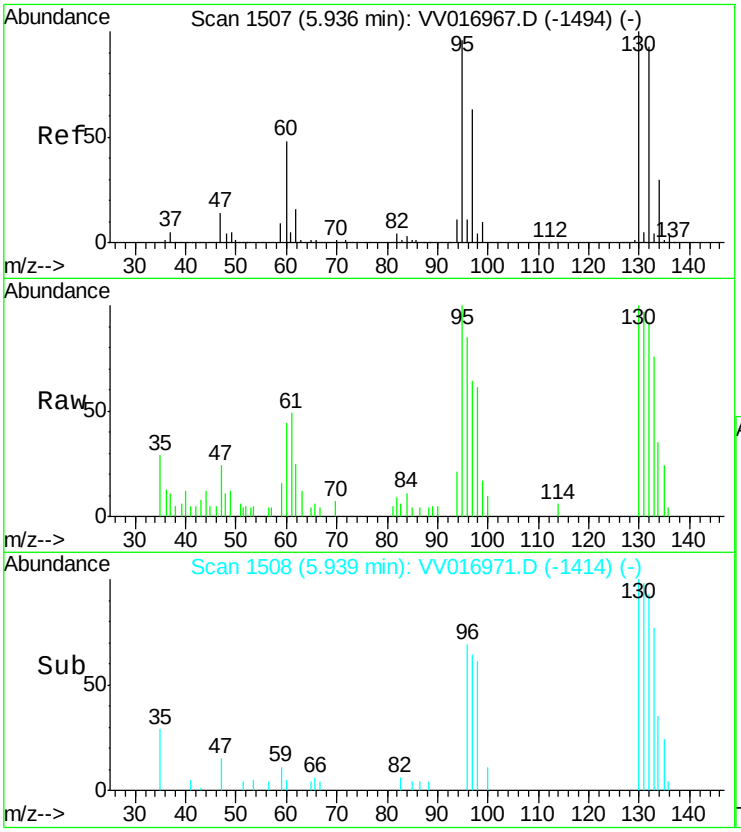


#25
Chloroform
Concen: 1.848 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 83 Resp: 9209

Ion	Ratio	Lower	Upper
83	100		
85	59.8	44.1	81.9

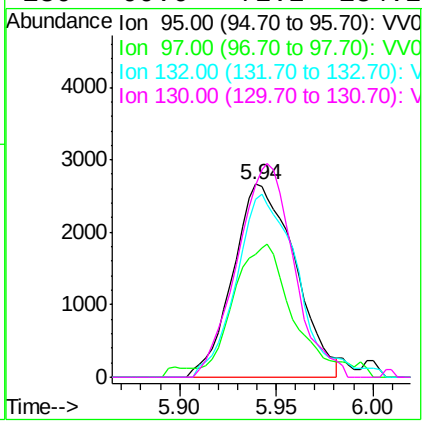




#34
Trichloroethene
Concen: 2.070 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 95 Resp: 5943

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.3	82.3
132	92.3	67.9	126.1
130	99.6	72.2	134.2



Instrument :
MSVOA_V
ClientSampleId :
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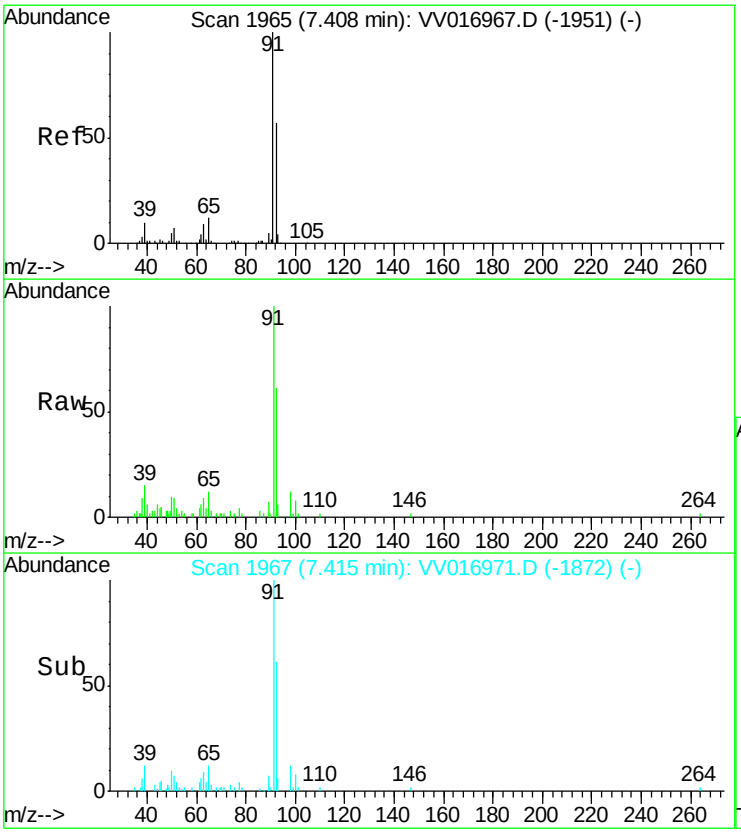
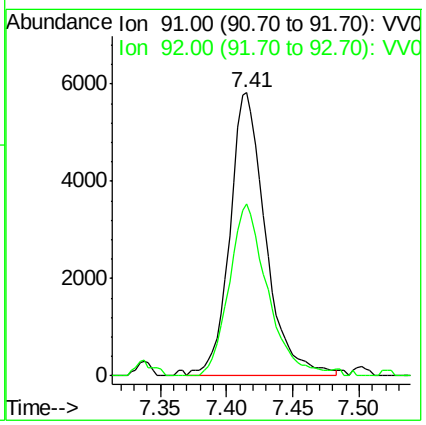
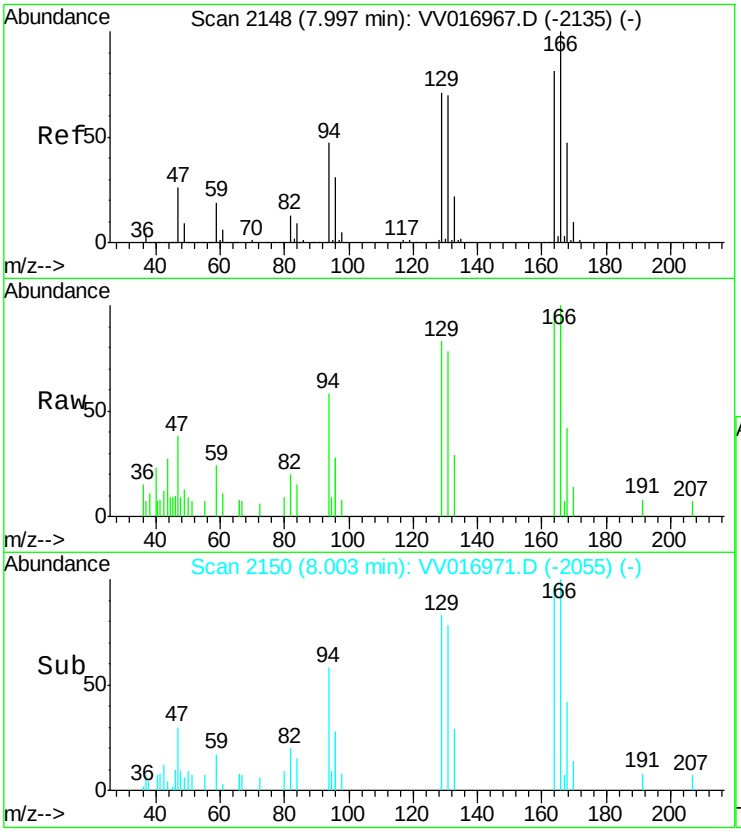


#42
Toluene
Concen: 0.969 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion: 91 Resp: 10933

Ion	Ratio	Lower	Upper
91	100		
92	60.8	40.4	75.0

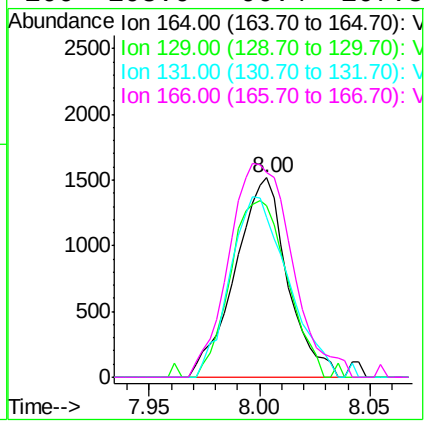




#46
Tetrachloroethene
Concen: 1.110 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion:164 Resp: 2507

Ion	Ratio	Lower	Upper
164	100		
129	85.9	67.0	124.4
131	80.5	64.8	120.3
166	103.0	90.4	167.8



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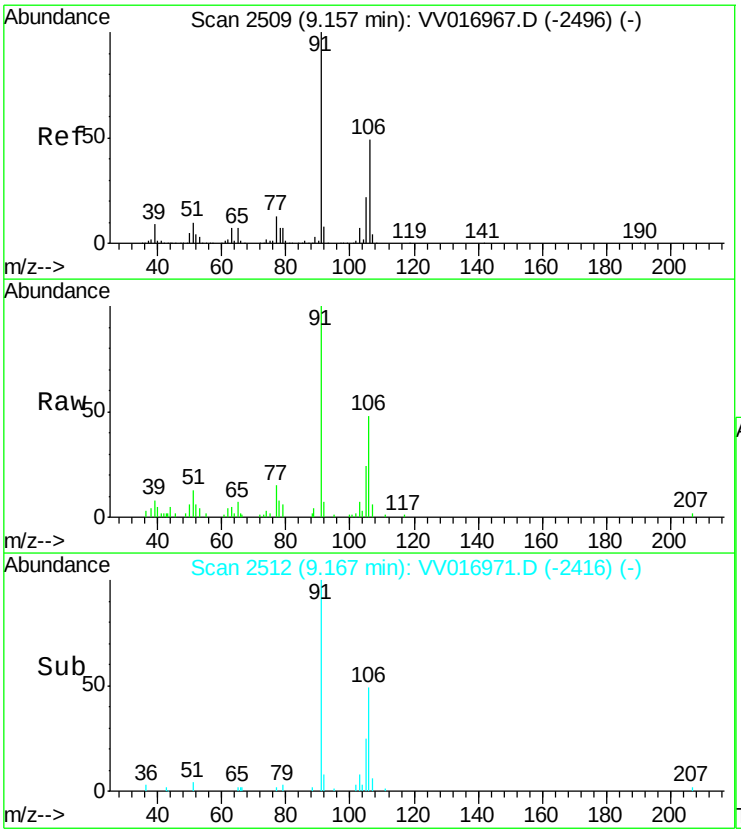
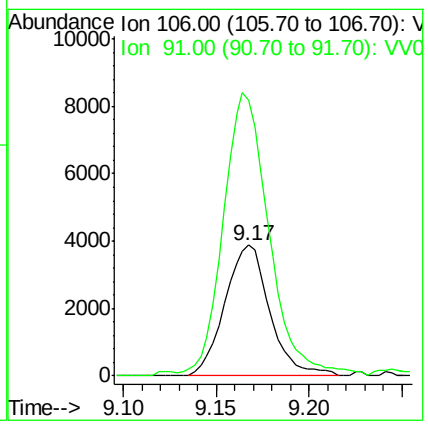
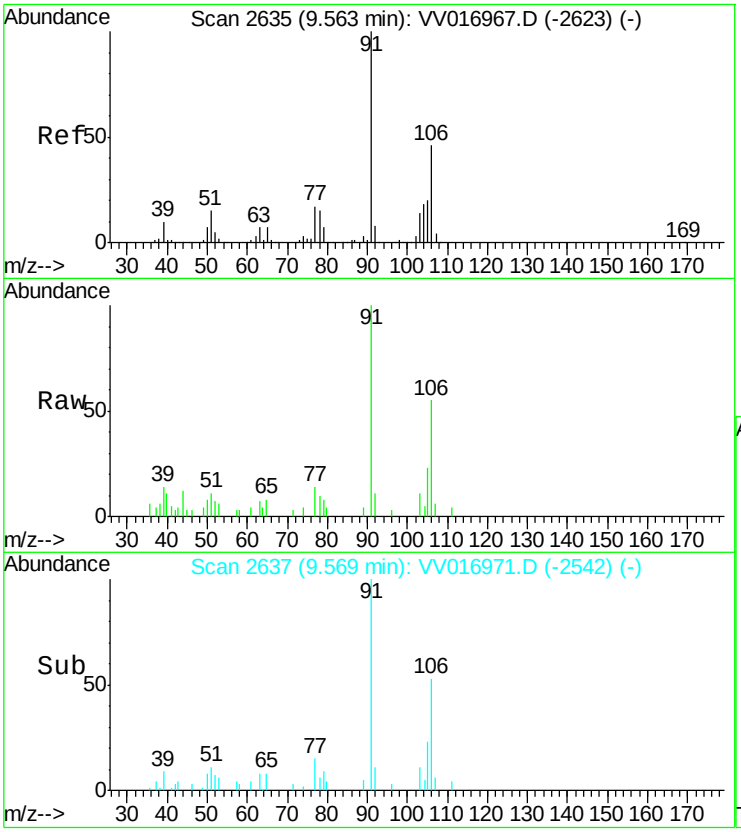


#53
m,p-Xylene
Concen: 1.401 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion:106 Resp: 6518

Ion	Ratio	Lower	Upper
106	100		
91	210.4	144.6	268.6

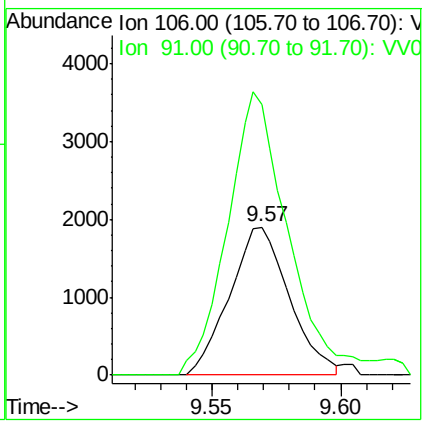




#54
o-xylene
Concen: 0.670 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV016971.D
Acq: 18 Jun 2020 12:04

Tgt Ion:106 Resp: 3074

Ion	Ratio	Lower	Upper
106	100		
91	182.7	155.9	289.5



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