Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016208.D
Acq On : 26 May 2020 22:23
Operator : SY/MD
Sample : L2753-17MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAXF4MSD

Manual Integrations APPROVED
MMDadoda
5/28/2020 5:16:39 PM

Quant Time: May 27 05:59:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101320	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	97216	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	45558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29127	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.58	69	26614	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.13	63	56571	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.60%			
20) 2-Butanone-d5	3.94	46	82677	51.22	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.44%			
24) Chloroform-d	4.38	84	58810	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.06	65	33713	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.08	84	116820	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.10	67	36546	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.34	98	105890	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
45) trans-1,3-Dichloropropene-	7.65	79	12969	4.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.40%			
48) 2-Hexanone-d5	8.12	63	60530	47.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26045	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	37191	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	26664	4.462	ug/L #	82
13) Acetone	2.21	43	2086m	2.088	ug/L	
14) Carbon disulfide	2.31	76	2088	0.113	ug/L	97
33) Benzene	5.13	78	137402	4.912	ug/L	100
34) Trichloroethene	5.94	95	35484	4.869	ug/L	97
42) Toluene	7.41	91	149372	4.896	ug/L	97
49) Tetrachloroethene	8.00	164	6443	1.231	ug/L	95
53) Chlorobenzene	8.90	112	97098	5.151	ug/L	98

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

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Instrument :
MSVOA_V
ClientSampleId :
GAXF4MSD

Manual Integrations APPROVED
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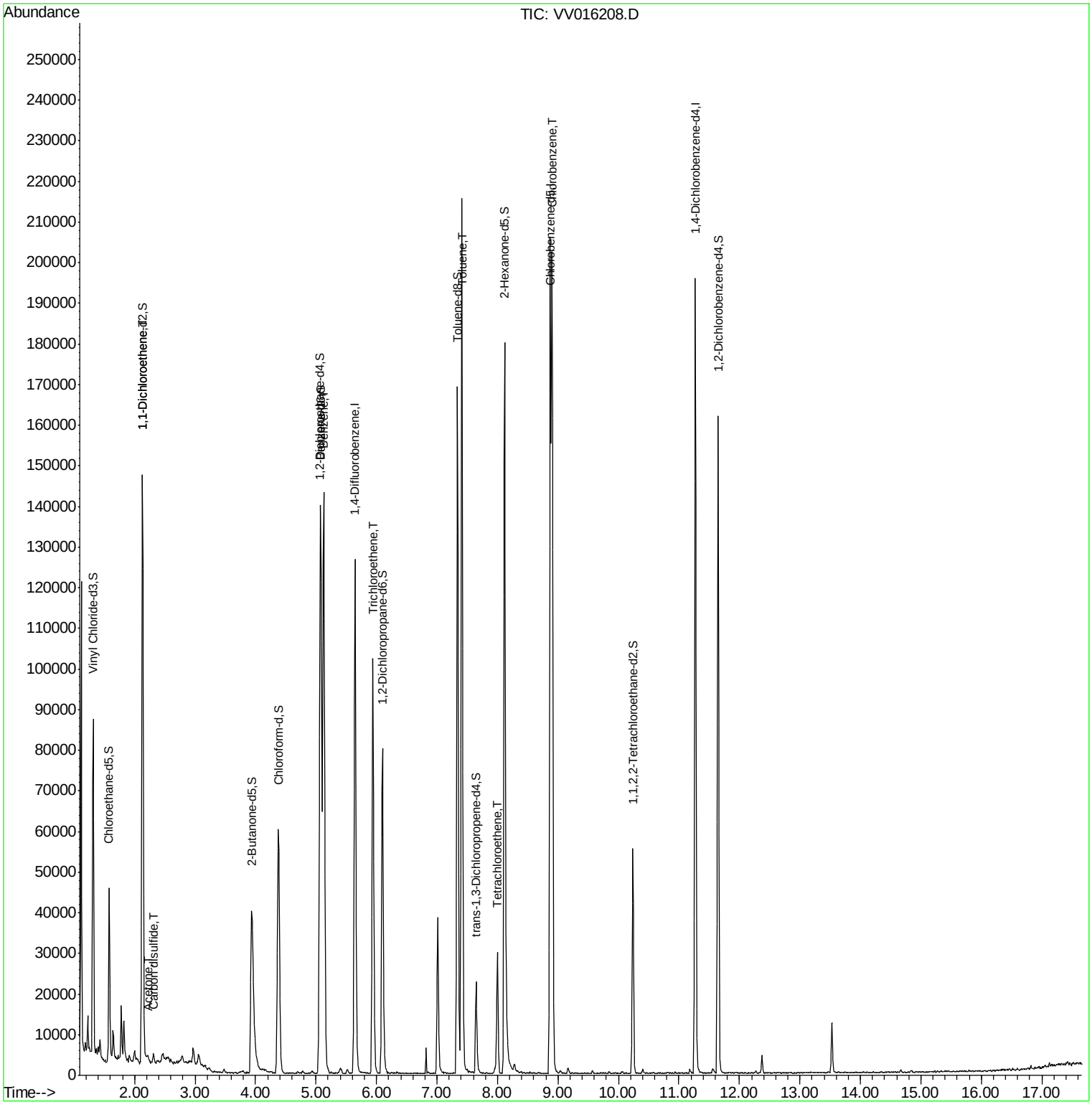
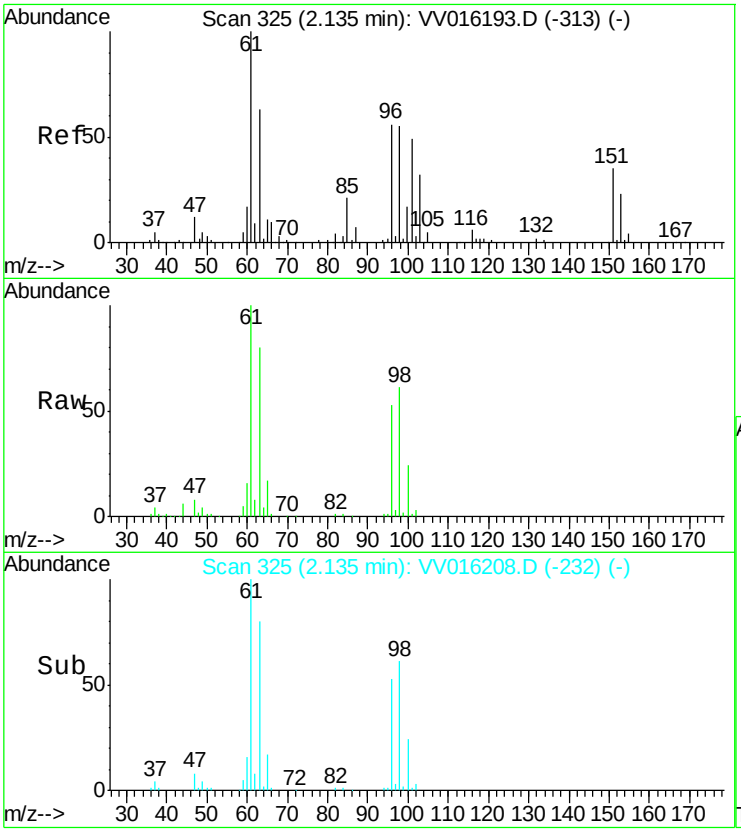
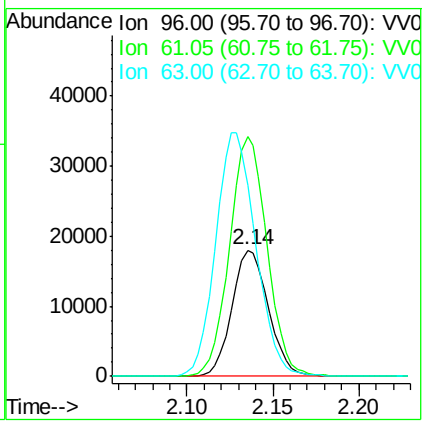




#12
1,1-Dichloroethene
Concen: 4.462 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion: 96 Resp: 26664

Ion	Ratio	Lower	Upper
96	100		
61	189.7	124.9	231.9
63	151.4	80.4	149.2#



Instrument :
MSVOA_V
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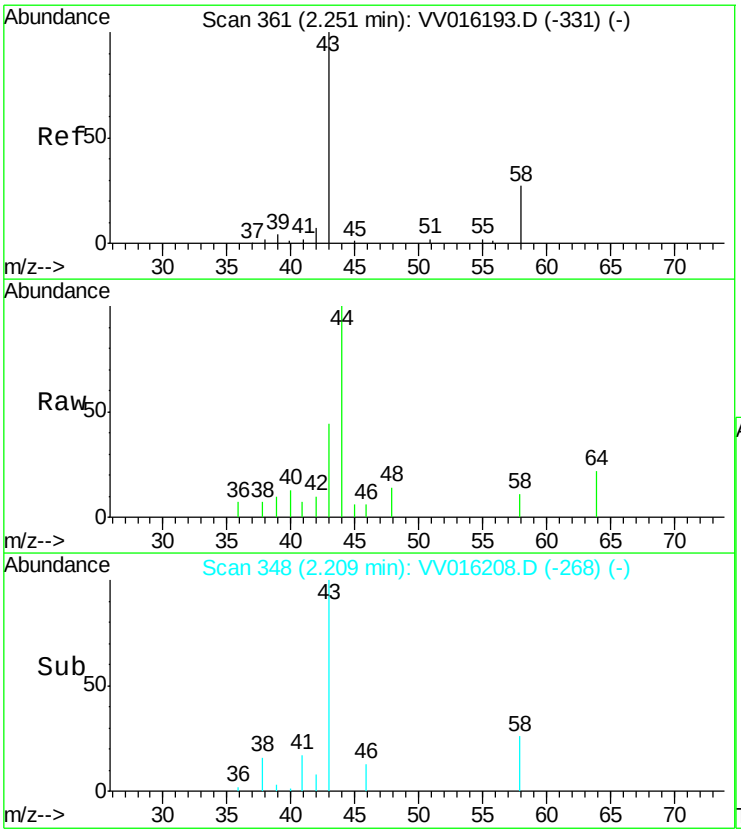
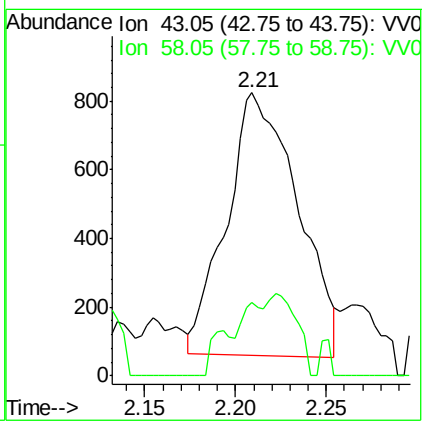
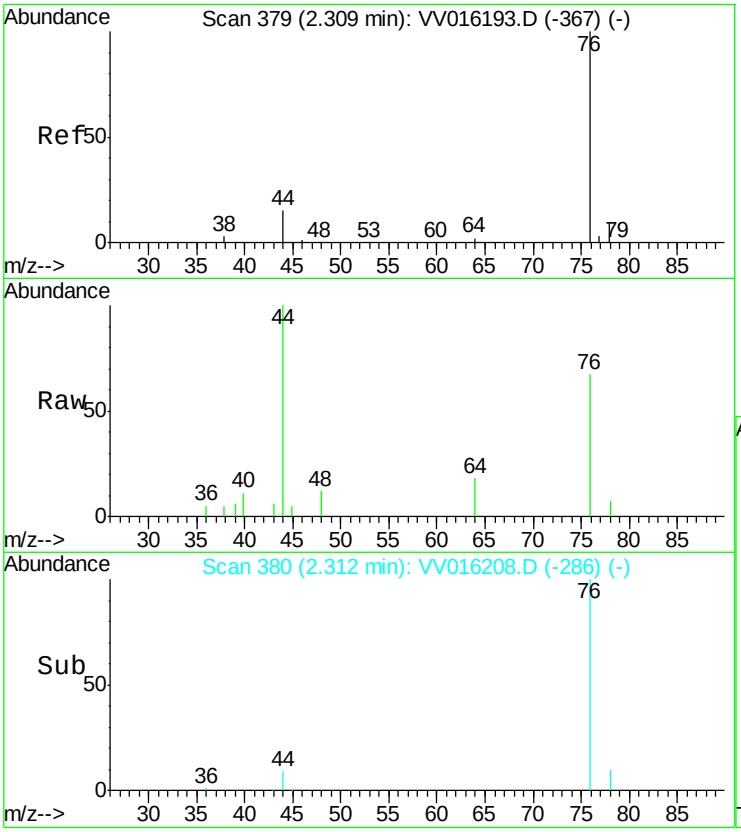


#13
Acetone
Concen: 2.088 ug/L m
RT: 2.21 min Scan# 348
Delta R.T. -0.04 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion: 43 Resp: 2086

Ion	Ratio	Lower	Upper
43	100		
58	1.9	0.0	48.8

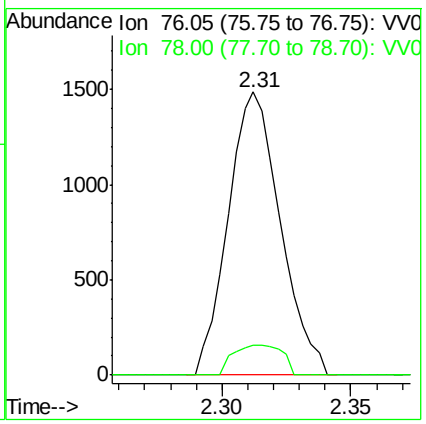




#14
Carbon disulfide
Concen: 0.113 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion: 76 Resp: 2088

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.4	11.0



Instrument :
MSVOA_V
ClientSampleId :
GAXF4MSD

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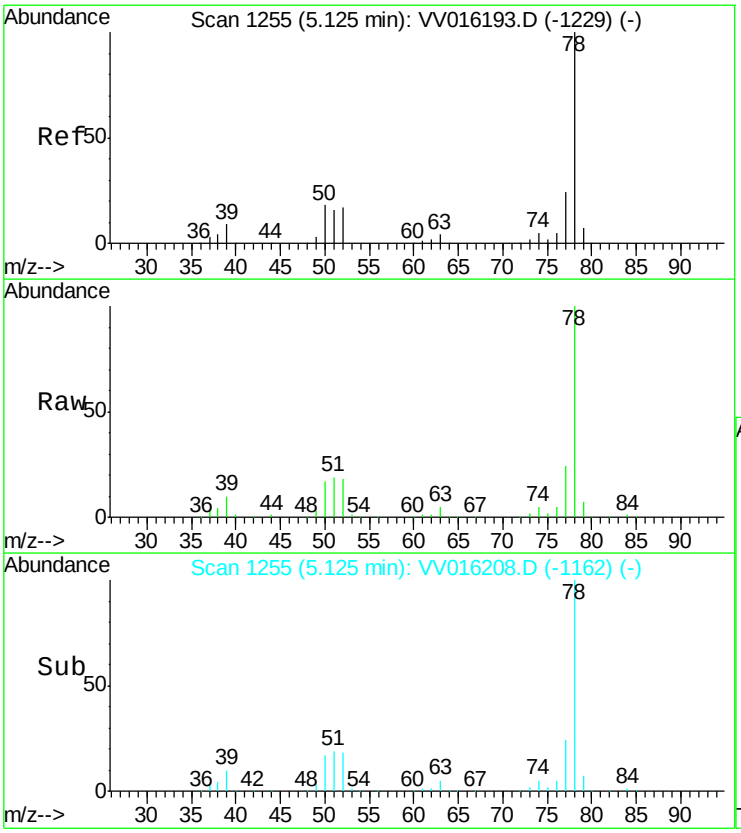
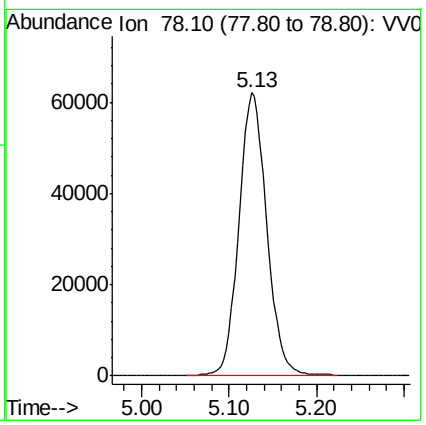
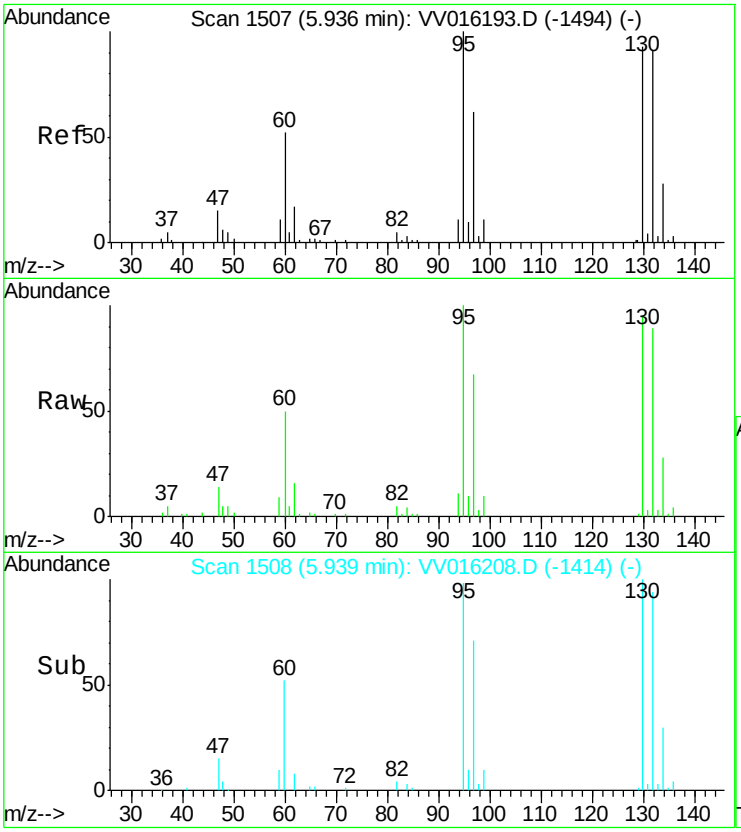


#33
Benzene
Concen: 4.912 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion: 78 Resp: 137402

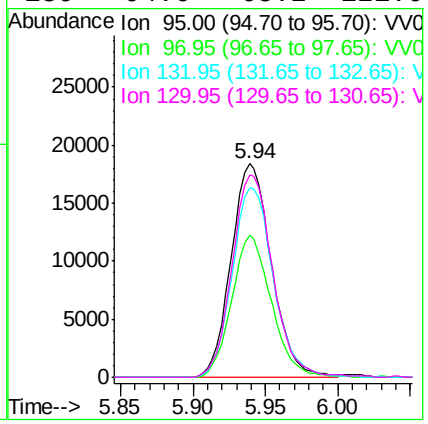




#34
Trichloroethene
Concen: 4.869 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion: 95 Resp: 35484

Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.6	81.0
132	88.6	63.9	118.7
130	94.6	65.2	121.0



Instrument :
MSVOA_V
ClientSampleId :
GAXF4MSD

Manual Integrations APPROVED
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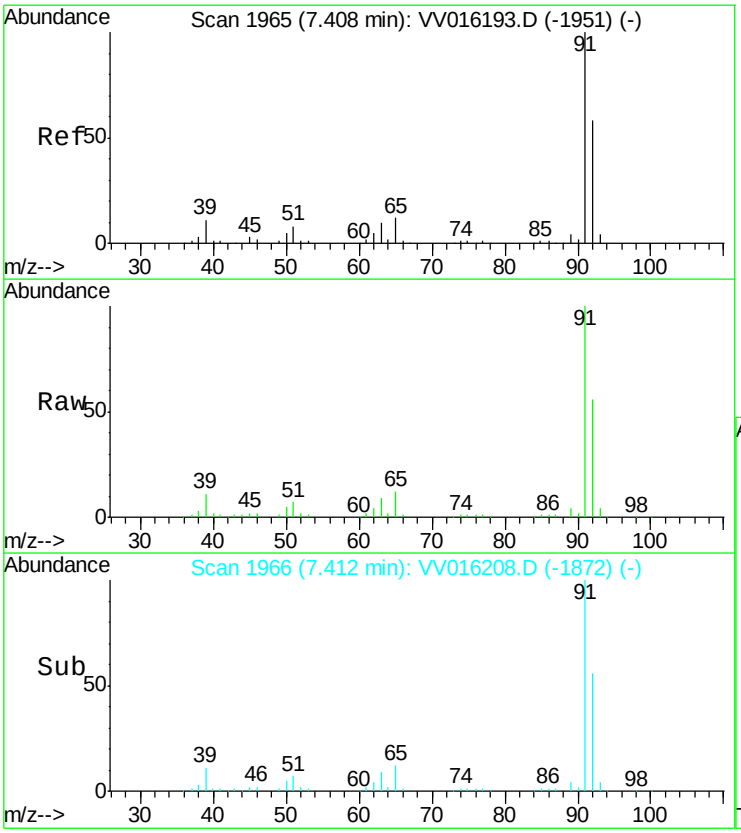
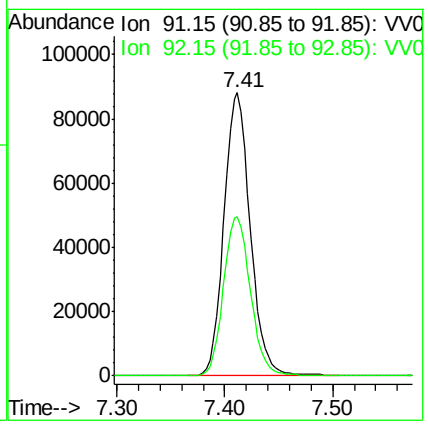
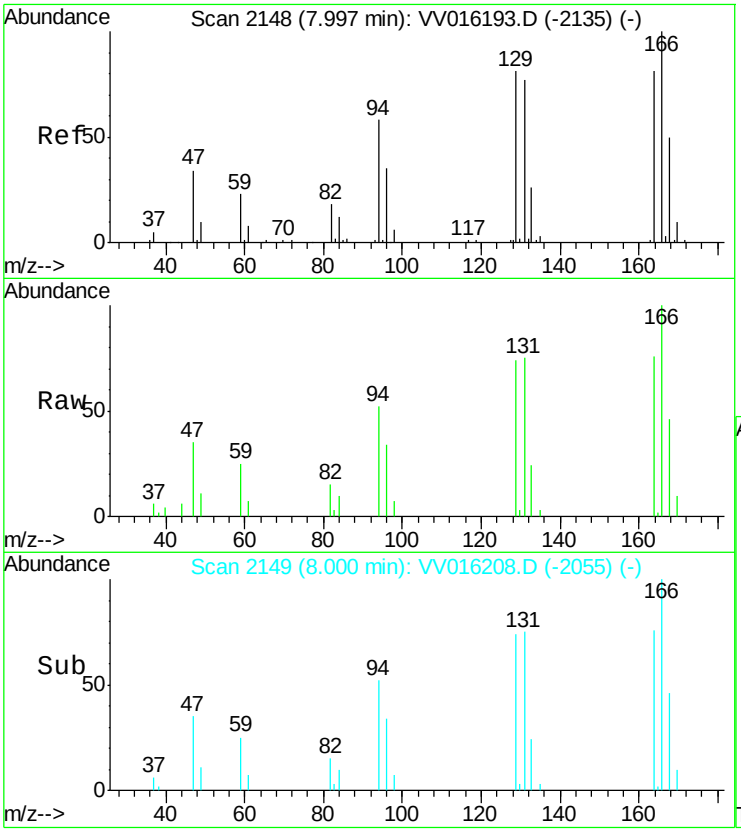


#42
Toluene
Concen: 4.896 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion: 91 Resp: 149372

Ion	Ratio	Lower	Upper
91	100		
92	56.2	40.9	76.0

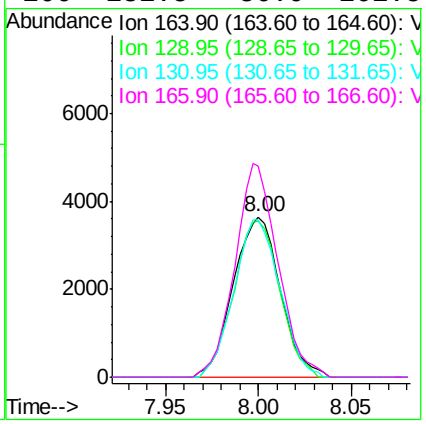




#49
Tetrachloroethene
Concen: 1.231 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion:164 Resp: 6443

Ion	Ratio	Lower	Upper
164	100		
129	97.4	70.7	131.3
131	98.2	66.6	123.8
166	131.5	86.9	161.5



Instrument :
MSVOA_V
ClientSampleId :
GAXF4MSD

Manual Integrations APPROVED
MMDadoda
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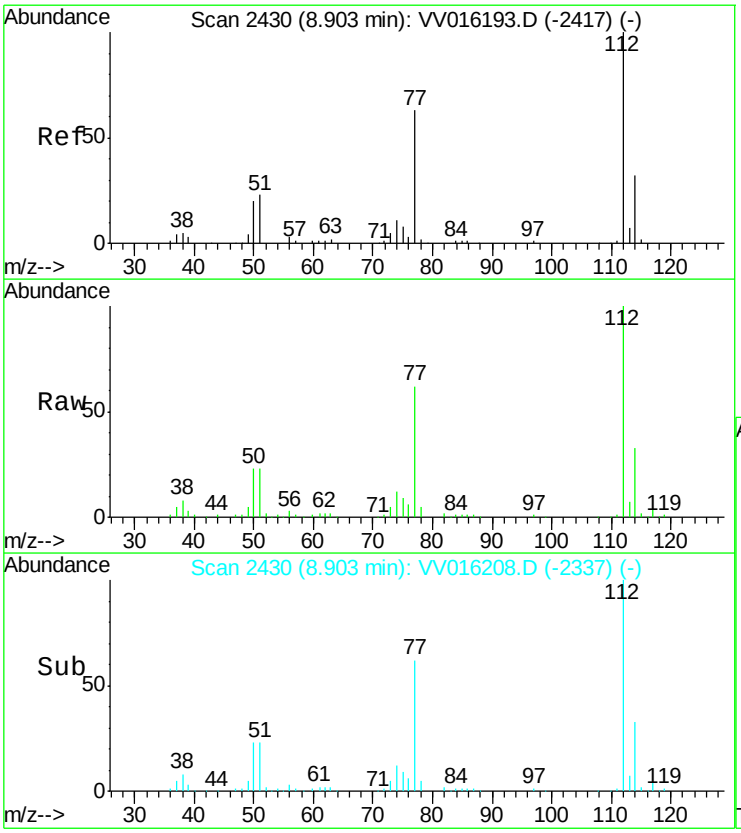

#53
Chlorobenzene
Concen: 5.151 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016208.D
Acq: 26 May 2020 22:23

Tgt Ion:112 Resp: 97098

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.3	41.3
77	61.6	50.7	76.1