Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052720\

Quantitation Report (QT/LSC Reviewed)

Data File : VV016250.D
Acq On : 28 May 2020 00:35
Operator : SY/MD
Sample : L2766-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE4Z0

Manual Integrations APPROVED
MMDadoda
5/29/2020 11:55:23 AM

Quant Time: May 29 11:50:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96718	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	24659	3.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.80%			
7) Chloroethane-d5	1.58	69	22706	3.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.40%			
11) 1,1-Dichloroethene-d2	2.12	63	36242	2.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.40%#			
20) 2-Butanone-d5	3.98	46	65067	40.31	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.62%			
24) Chloroform-d	4.38	84	54343	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
26) 1,2-Dichloroethane-d4	5.06	65	30480	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.07	84	108505	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.10	67	33303	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.80%			
41) Toluene-d8	7.34	98	100571	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
45) trans-1,3-Dichloropropene-	7.65	79	11650	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
48) 2-Hexanone-d5	8.12	63	57184	45.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.26%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25046	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	37983	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	44249	4.986	ug/L	97
8) Chloroethane	1.59	64	490975	99.026	ug/L	99
13) Acetone	2.26	43	69631m	69.685	ug/L	
14) Carbon disulfide	2.31	76	4954	0.267	ug/L #	94
19) 1,1-Dichloroethane	3.21	63	118611	9.547	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	372178	48.114	ug/L	95
29) 1,1,1-Trichloroethane	4.63	97	4991	0.435	ug/L	97
30) Cyclohexane	4.69	56	22888	1.860	ug/L	96
33) Benzene	5.12	78	2466334	88.615	ug/L	100
34) Trichloroethene	5.94	95	11397	1.572	ug/L	92
35) Methylcyclohexane	6.15	83	40482	3.310	ug/L	93
42) Toluene	7.41	91	5015949	165.257	ug/L	98
49) Tetrachloroethene	8.00	164	20625	3.962	ug/L	95
53) Chlorobenzene	8.90	112	2308210	123.070	ug/L	99
54) Ethylbenzene	9.03	91	1060986	31.360	ug/L	100
55) m,p-xylene	9.16	106	1850129	145.835	ug/L	98
56) o-xylene	9.56	106	378374	31.297	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052720\

Quantitation Report (QT/LSC Reviewed)

Data File : VV016250.D
Acq On : 28 May 2020 00:35
Operator : SY/MD
Sample : L2766-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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5/29/2020 11:55:23 AM

Quant Time: May 29 11:50:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Isopropylbenzene	9.95	105	364649	11.011	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	10292	0.684	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	87065	5.692	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	57587	4.233	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052720\

Quantitation Report (QT/LSC Reviewed)

Data File : VV016250.D
Acq On : 28 May 2020 00:35
Operator : SY/MD
Sample : L2766-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 29 11:50:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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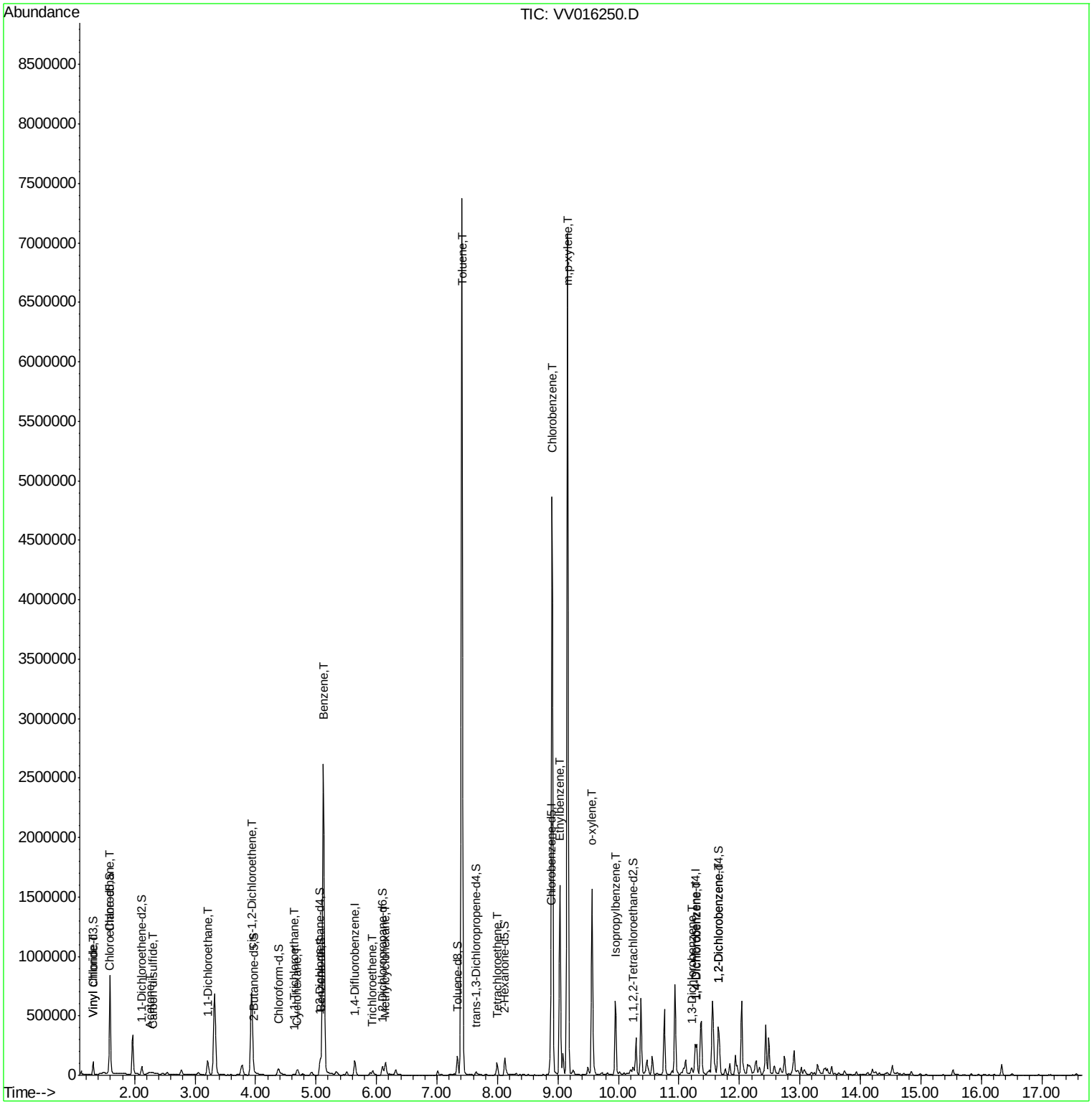
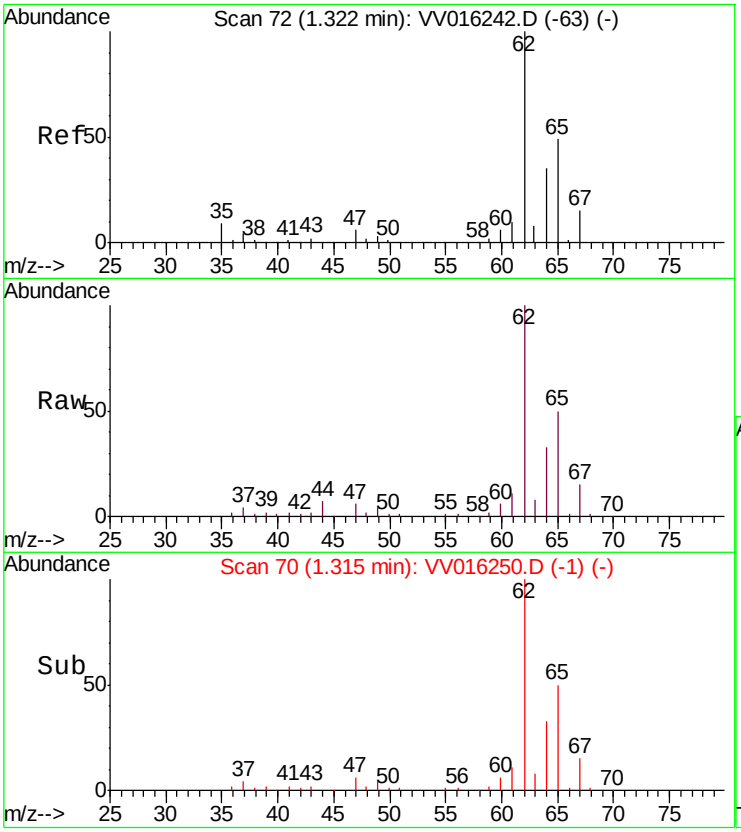
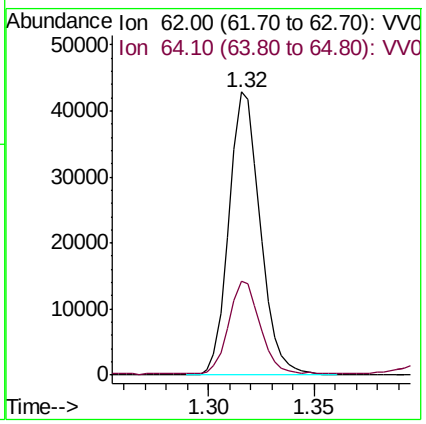




#5
Vinyl chloride
Concen: 4.986 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 62 Resp: 44249

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.1	41.1



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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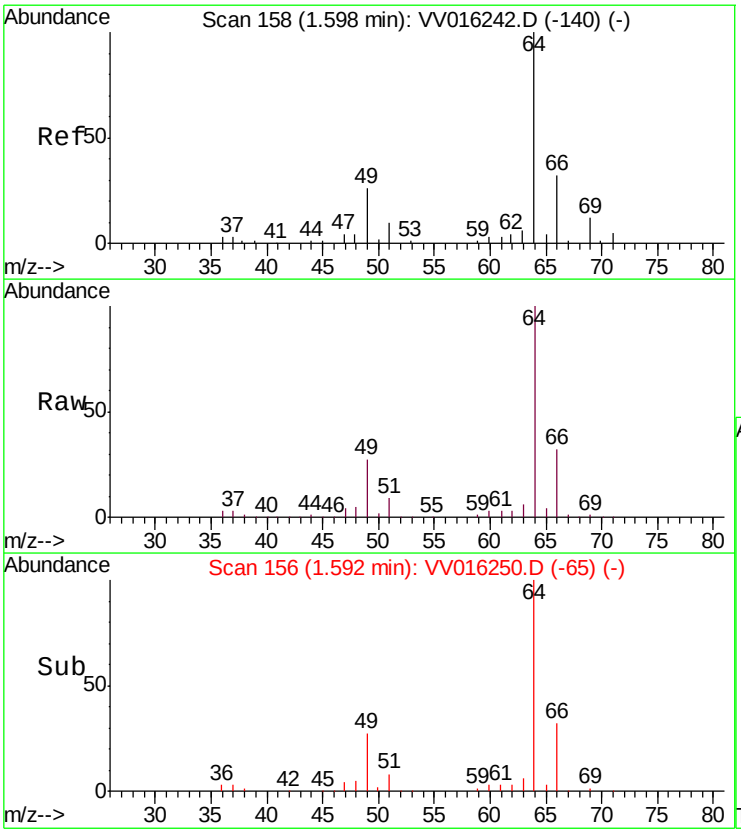
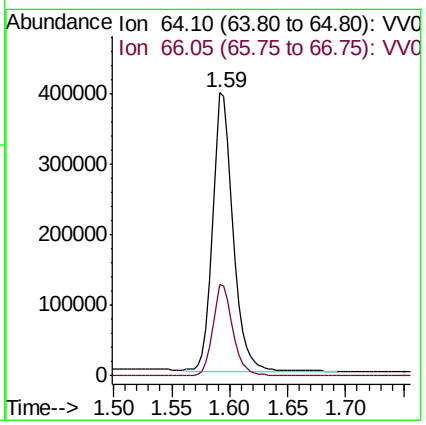
5/29/2020 11:55:23 AM

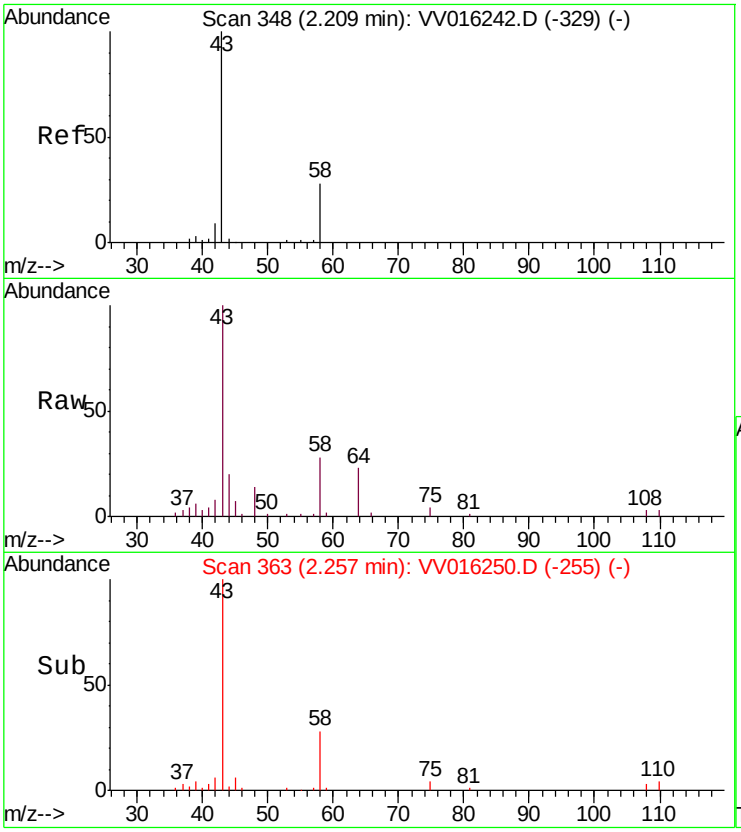


#8
Chloroethane
Concen: 99.026 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 64 Resp: 490975

Ion	Ratio	Lower	Upper
64	100		
66	32.1	22.9	42.5





#13
Acetone
Concen: 69.685 ug/L m
RT: 2.26 min Scan# 363
Delta R.T. 0.05 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 43 Resp: 69631

Ion	Ratio	Lower	Upper
43	100		
58	8.9	0.0	48.8

Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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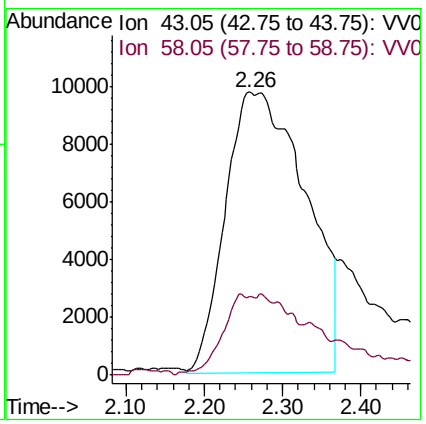
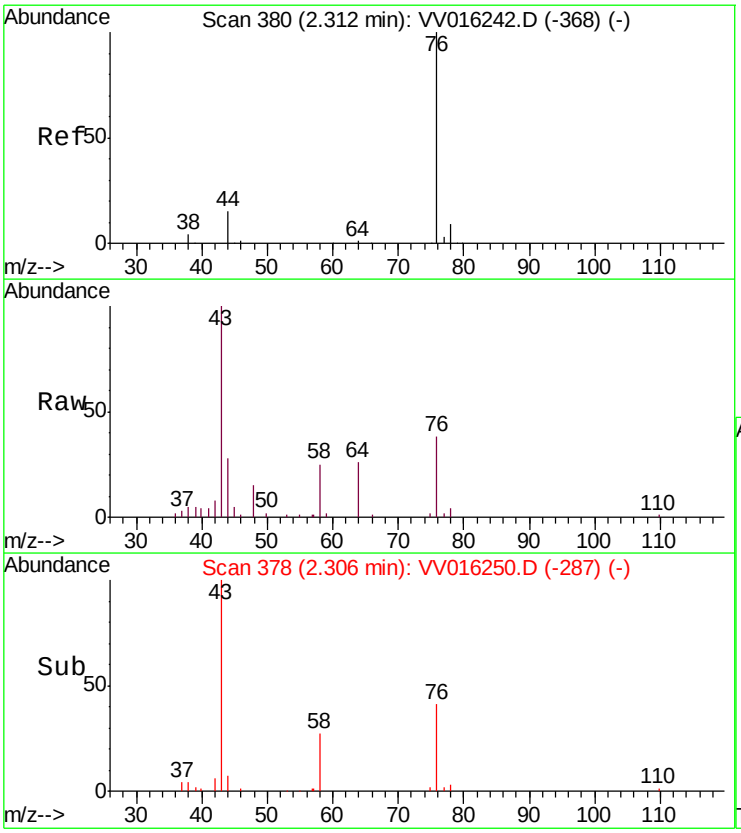
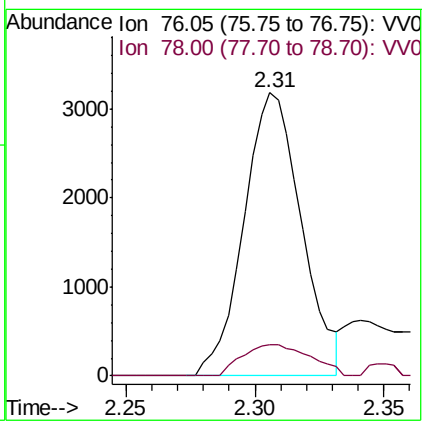


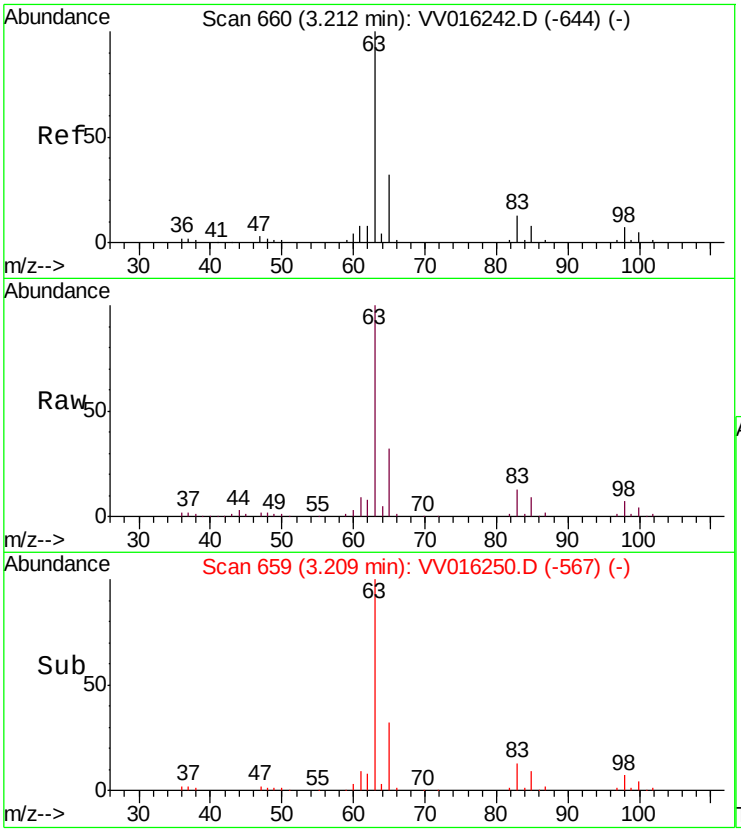


#14
Carbon disulfide
Concen: 0.267 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 76 Resp: 4954

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.4	11.0#

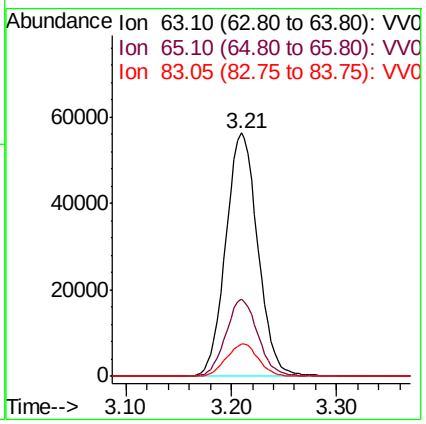




#19
1,1-Dichloroethane
Concen: 9.547 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 63 Resp: 118611

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.3	41.5
83	13.1	9.4	17.4



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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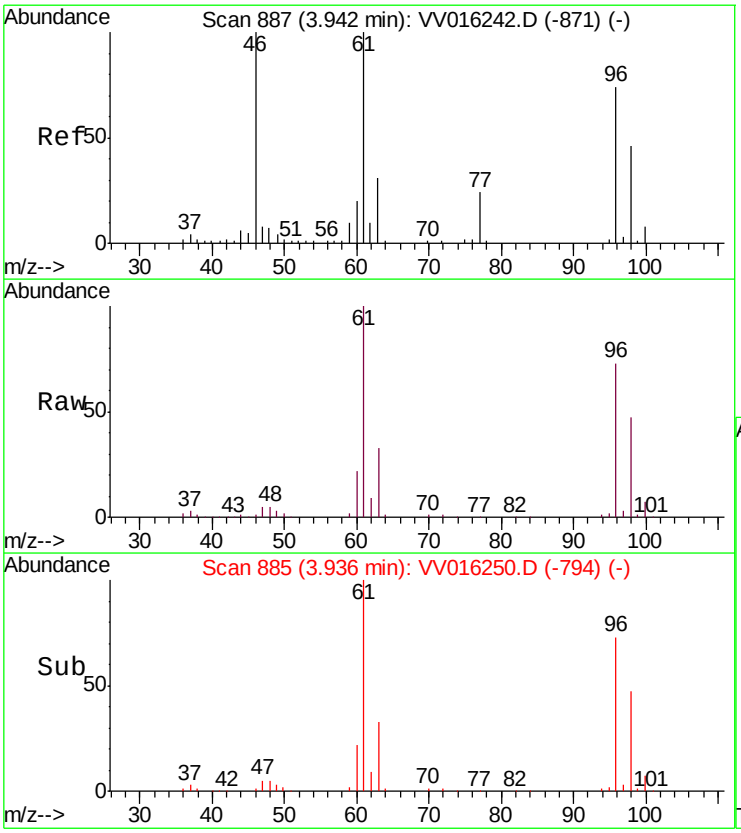
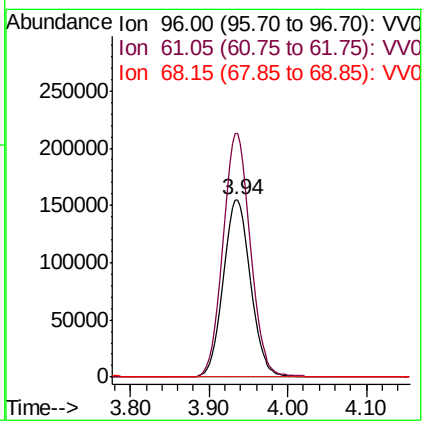
5/29/2020 11:55:23 AM

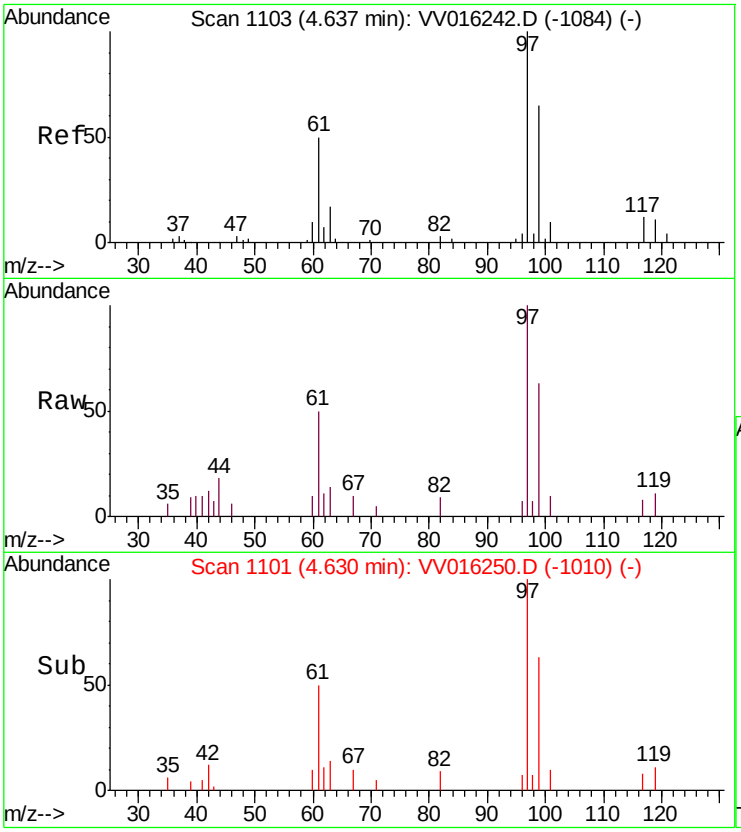


#22
cis-1,2-Dichloroethene
Concen: 48.114 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 96 Resp: 372178

Ion	Ratio	Lower	Upper
96	100		
61	136.8	99.7	185.1
68	0.0	0.0	0.0

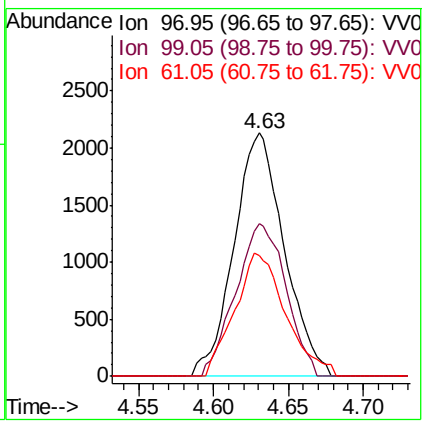




#29
1,1,1-Trichloroethane
Concen: 0.435 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 97 Resp: 4991

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.2	76.8
61	51.2	38.6	57.8



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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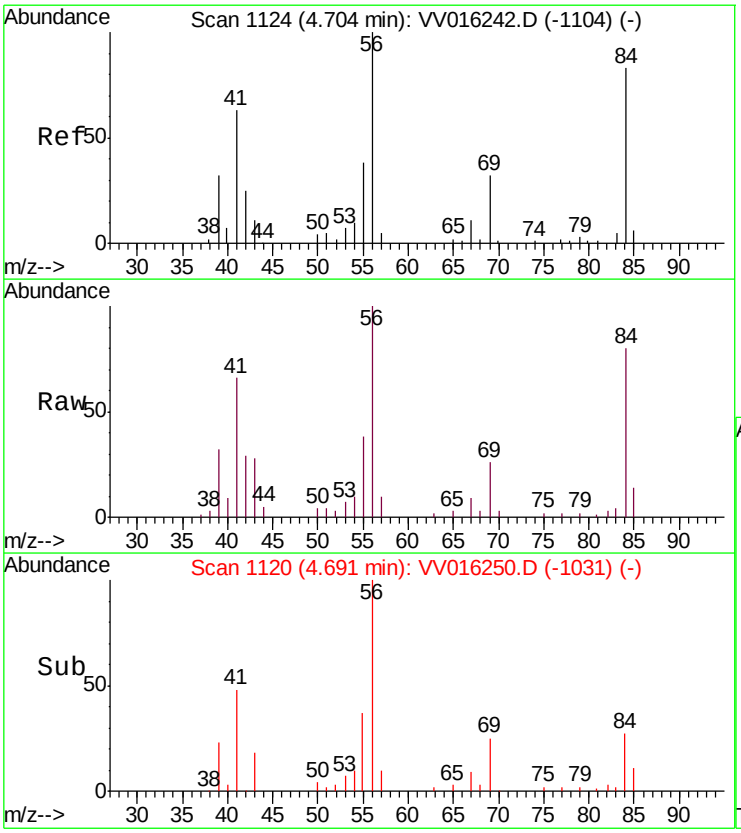
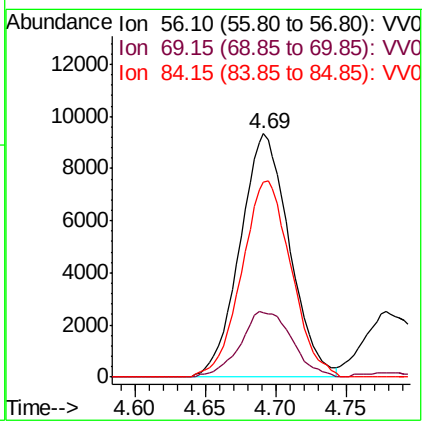
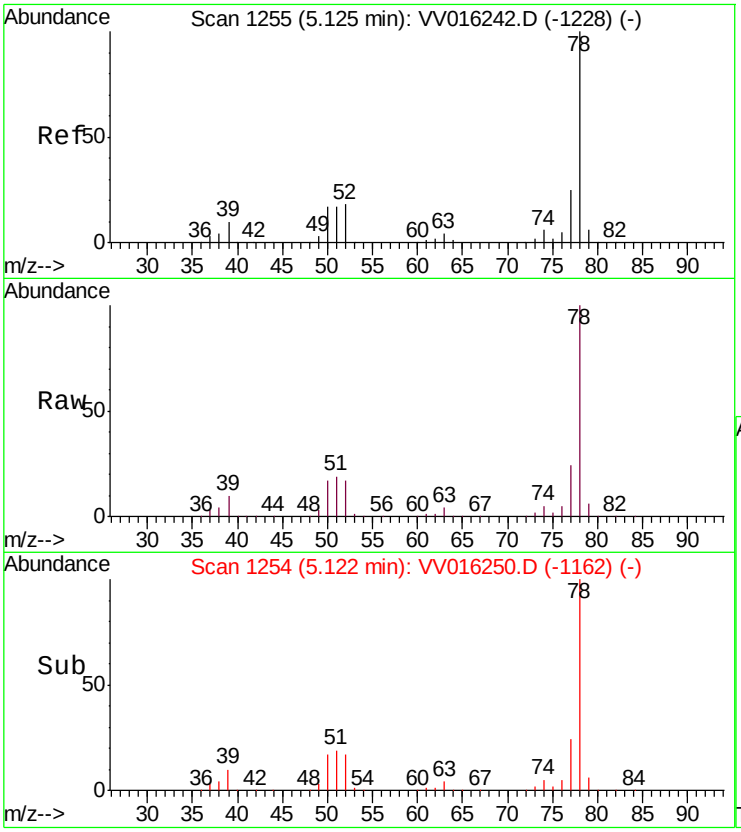


#30
Cyclohexane
Concen: 1.860 ug/L
RT: 4.69 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 56 Resp: 22888

Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.6	36.8
84	80.5	67.1	100.7





#33
Benzene
Concen: 88.615 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 78 Resp: 2466334

Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

Manual Integrations APPROVED
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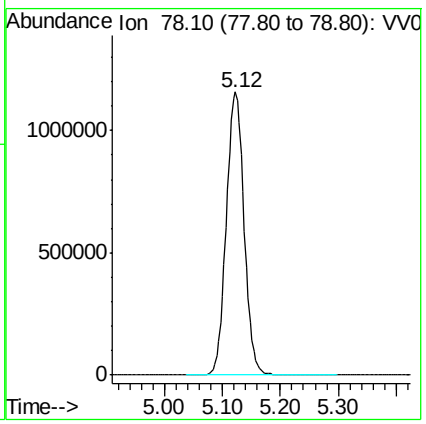
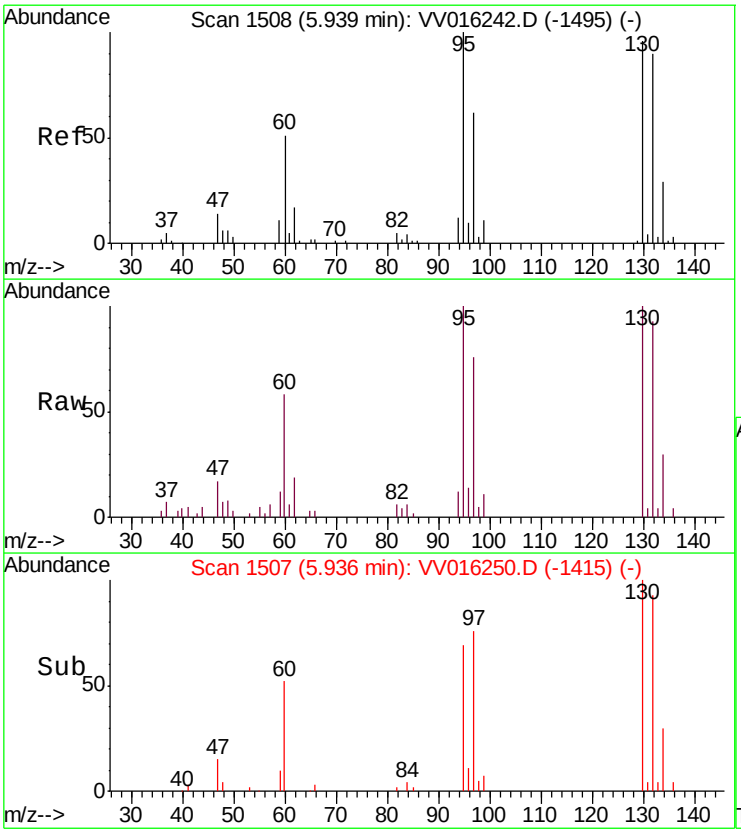
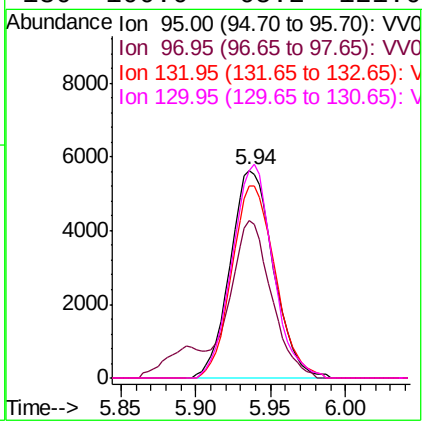


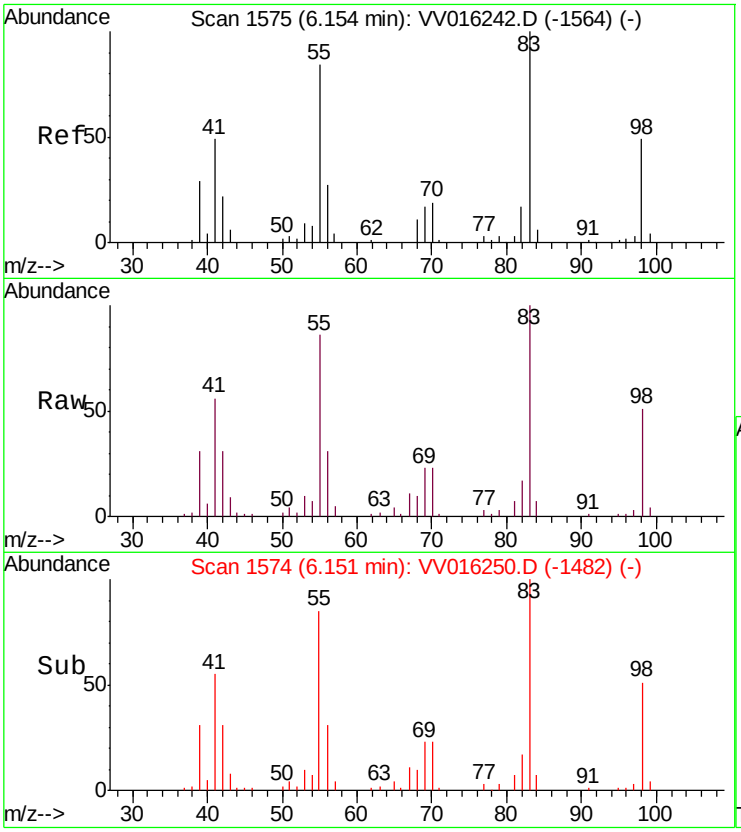


#34
Trichloroethene
Concen: 1.572 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 95 Resp: 11397

Ion	Ratio	Lower	Upper
95	100		
97	75.8	43.6	81.0
132	92.5	63.9	118.7
130	100.0	65.2	121.0

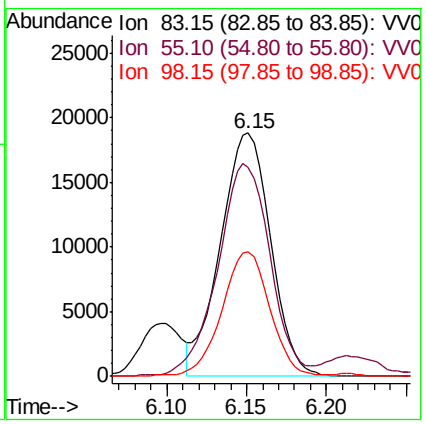




#35
Methylcyclohexane
Concen: 3.310 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 83 Resp: 40482

Ion	Ratio	Lower	Upper
83	100		
55	91.3	65.4	98.0
98	48.9	39.3	58.9



Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations APPROVED
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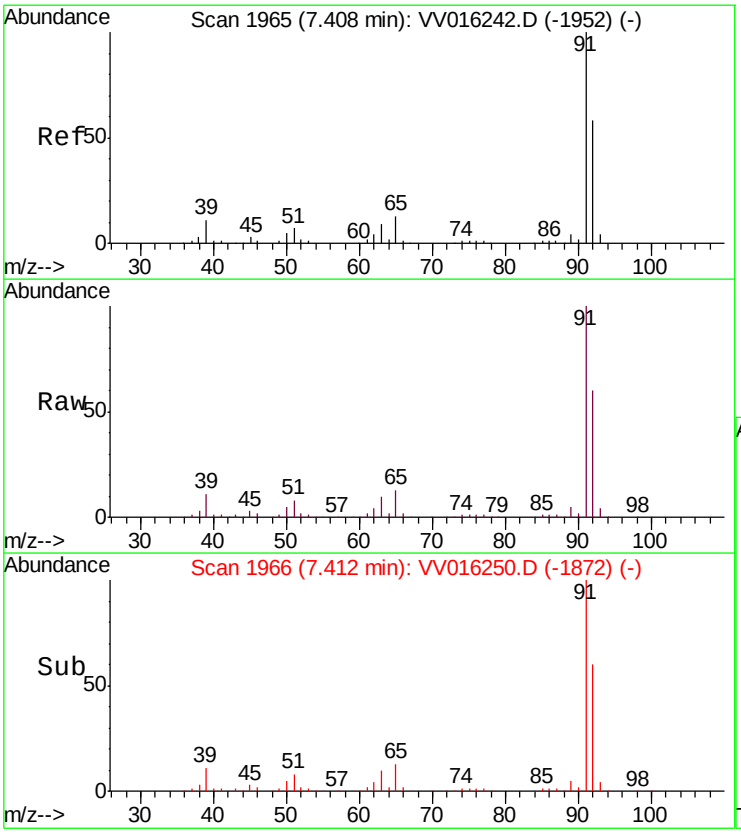
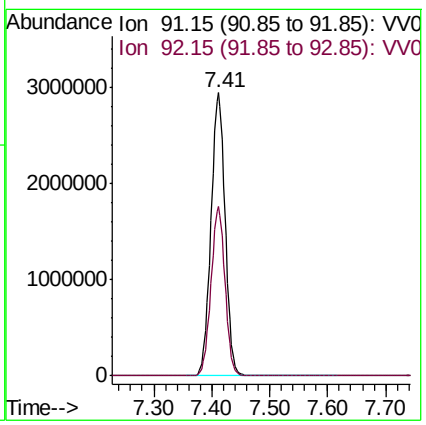
5/29/2020 11:55:23 AM

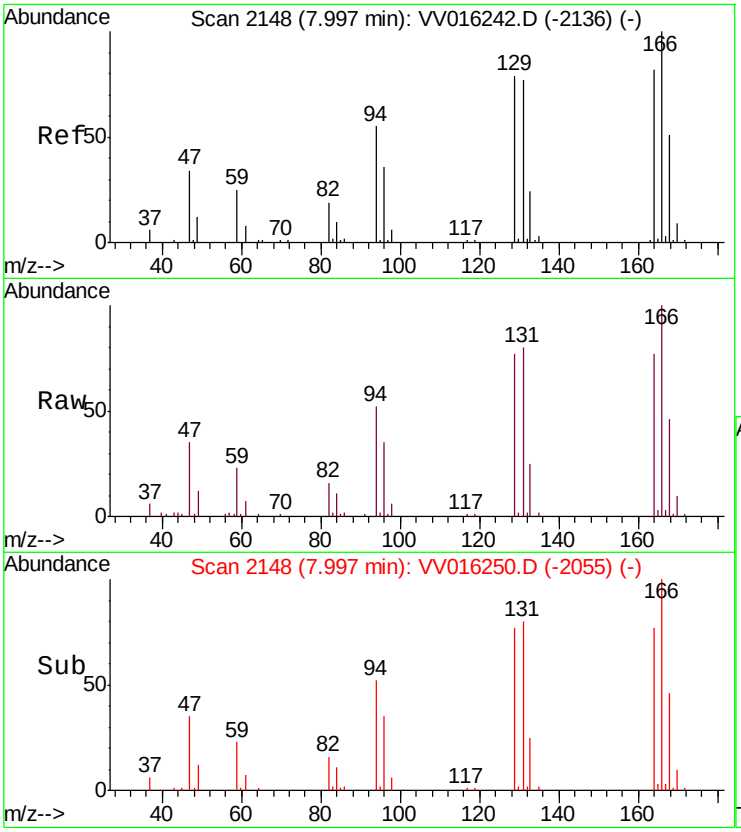


#42
Toluene
Concen: 165.257 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 91 Resp: 5015949

Ion	Ratio	Lower	Upper
91	100		
92	59.7	40.9	76.0

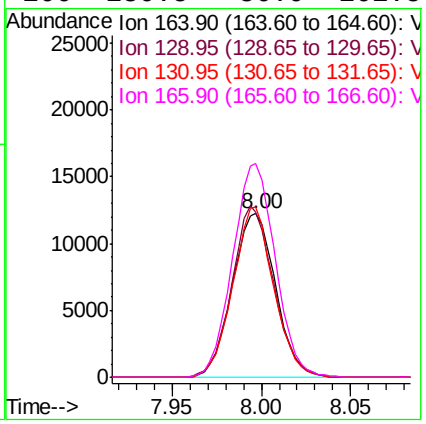




#49
Tetrachloroethene
Concen: 3.962 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

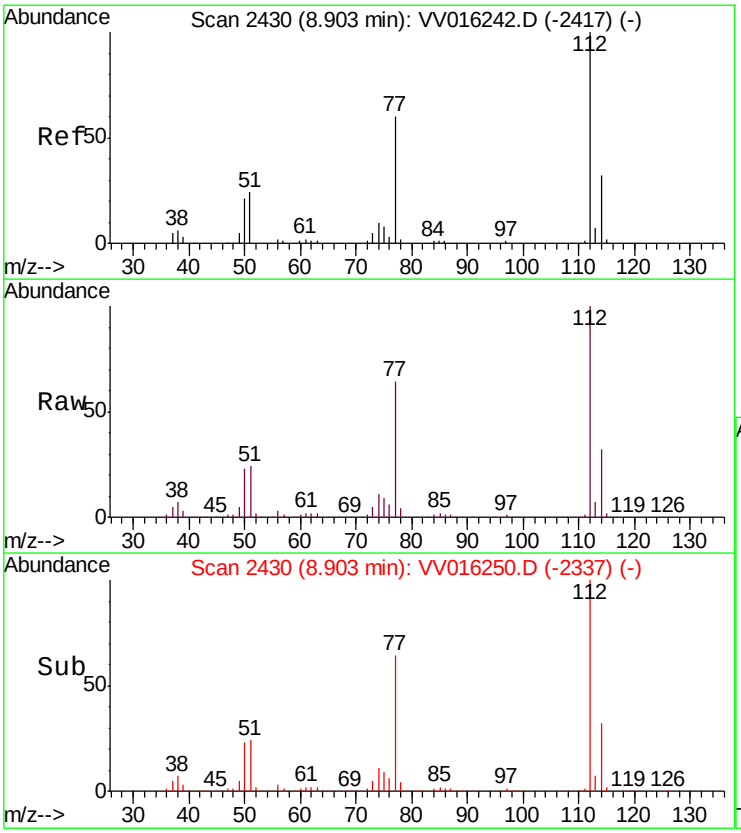
Tgt Ion:164 Resp: 20625

Ion	Ratio	Lower	Upper
164	100		
129	100.8	70.7	131.3
131	104.2	66.6	123.8
166	130.5	86.9	161.5



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

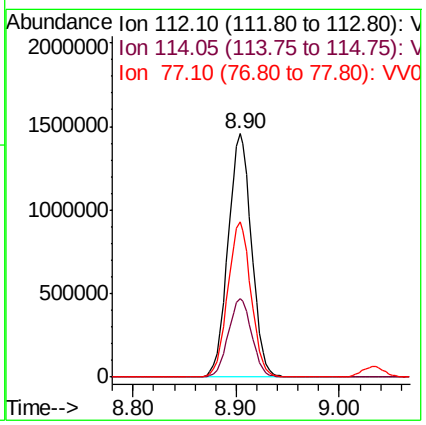
Manual Integrations APPROVED
MMDadoda
5/29/2020 11:55:23 AM

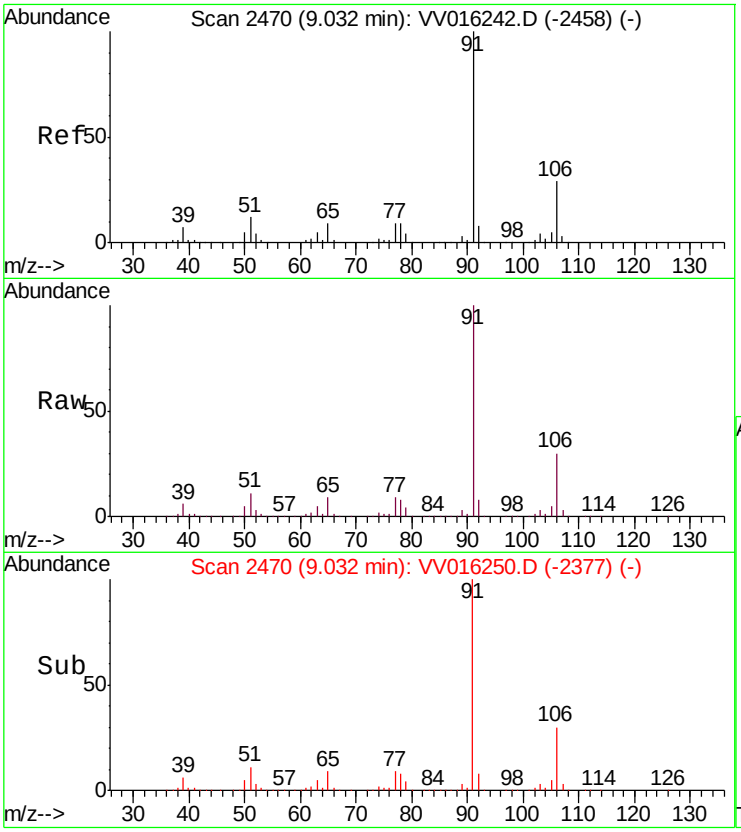


#53
Chlorobenzene
Concen: 123.070 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:112 Resp: 2308210

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	63.7	50.7	76.1

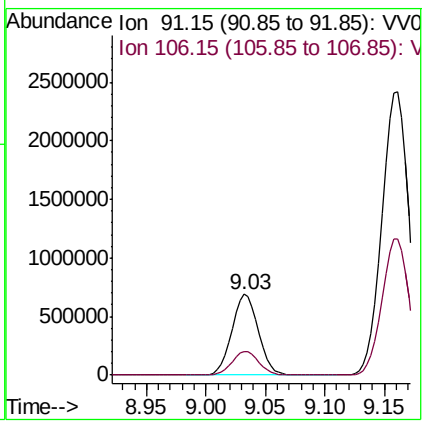




#54
Ethylbenzene
Concen: 31.360 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 91 Resp: 1060986

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.0	39.0



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

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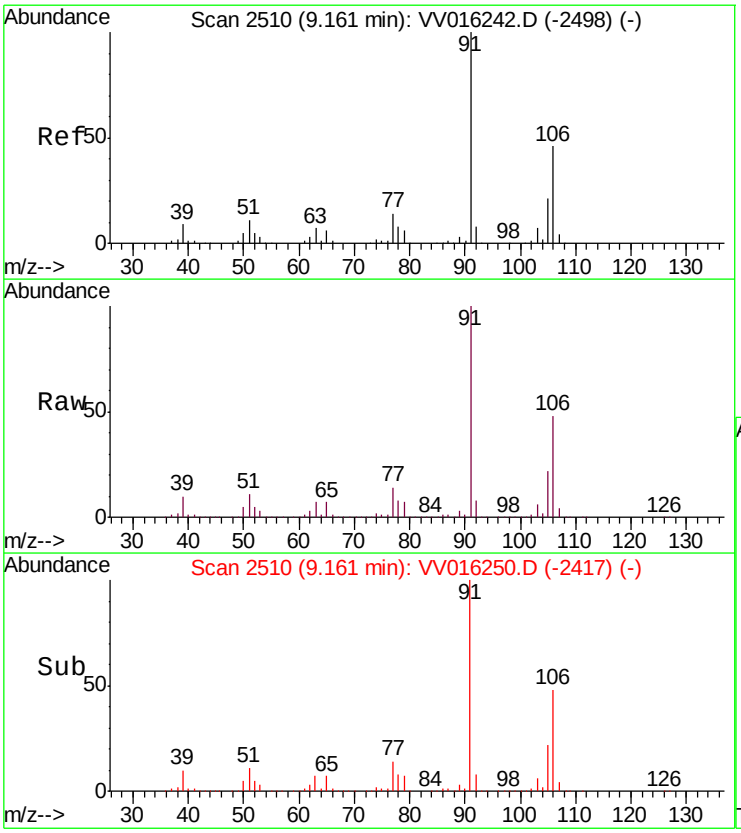
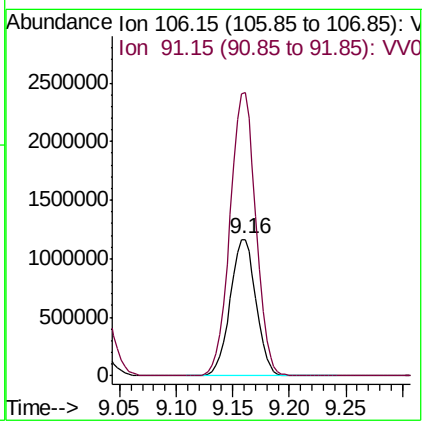
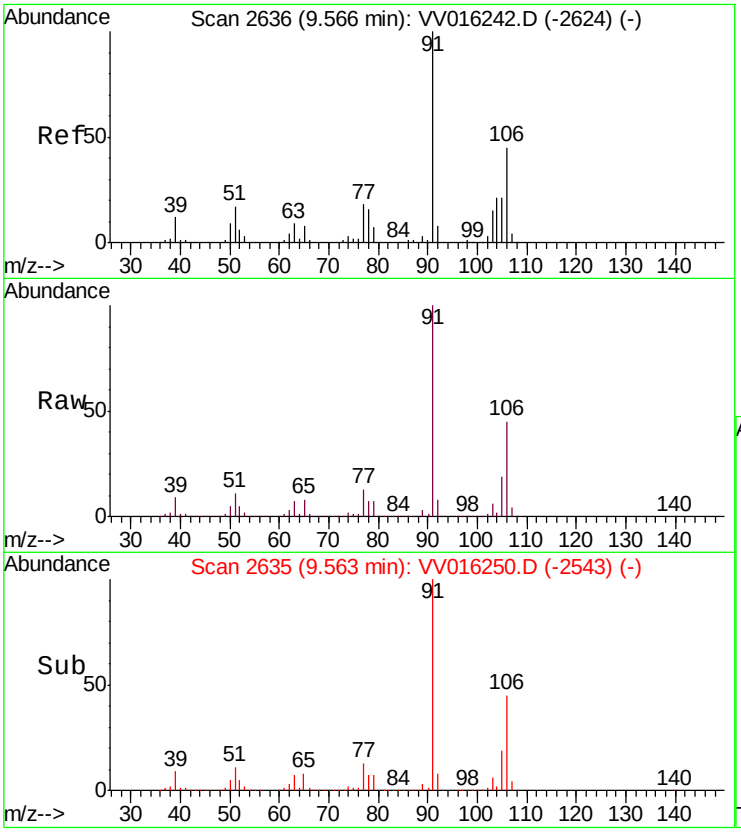


#55
m,p-xylene
Concen: 145.835 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:106 Resp: 1850129

Ion	Ratio	Lower	Upper
106	100		
91	207.7	148.1	275.0

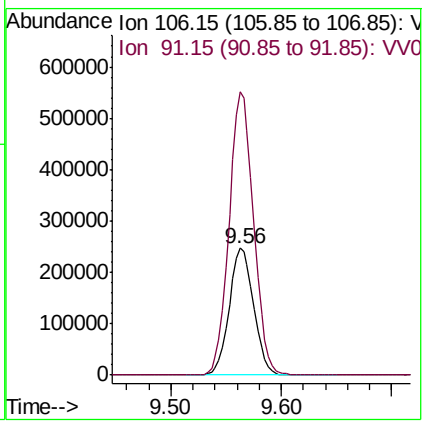




#56
o-xylene
Concen: 31.297 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:106 Resp: 378374

Ion	Ratio	Lower	Upper
106	100		
91	223.5	158.8	294.8



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

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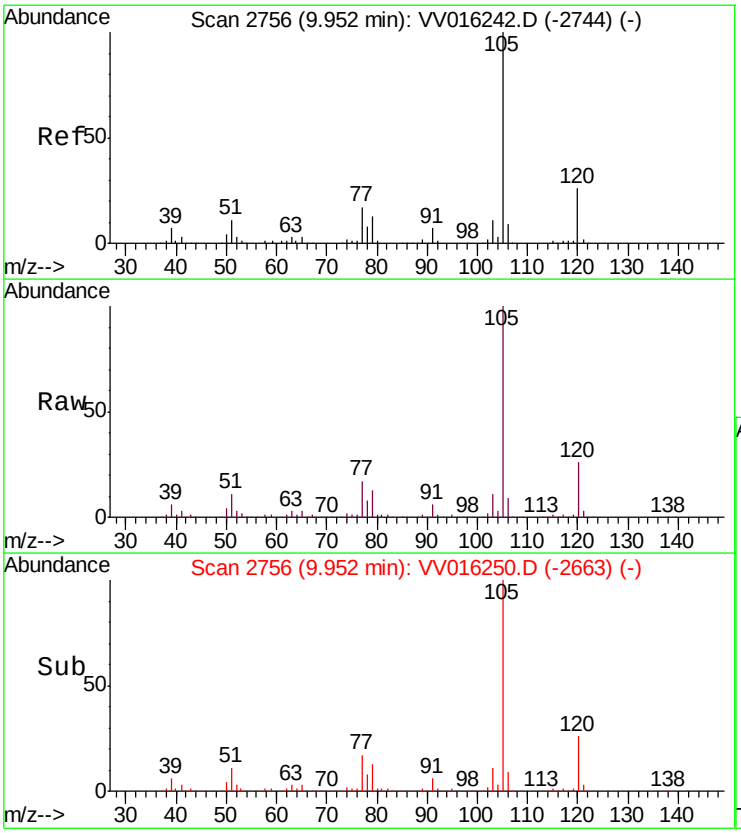
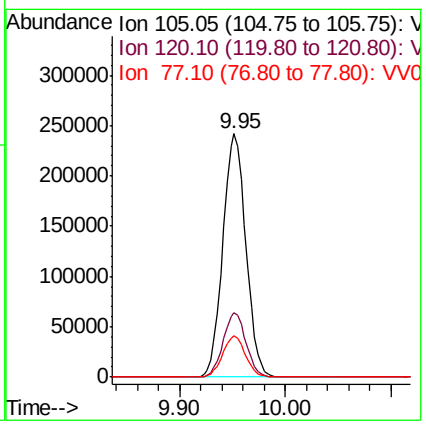
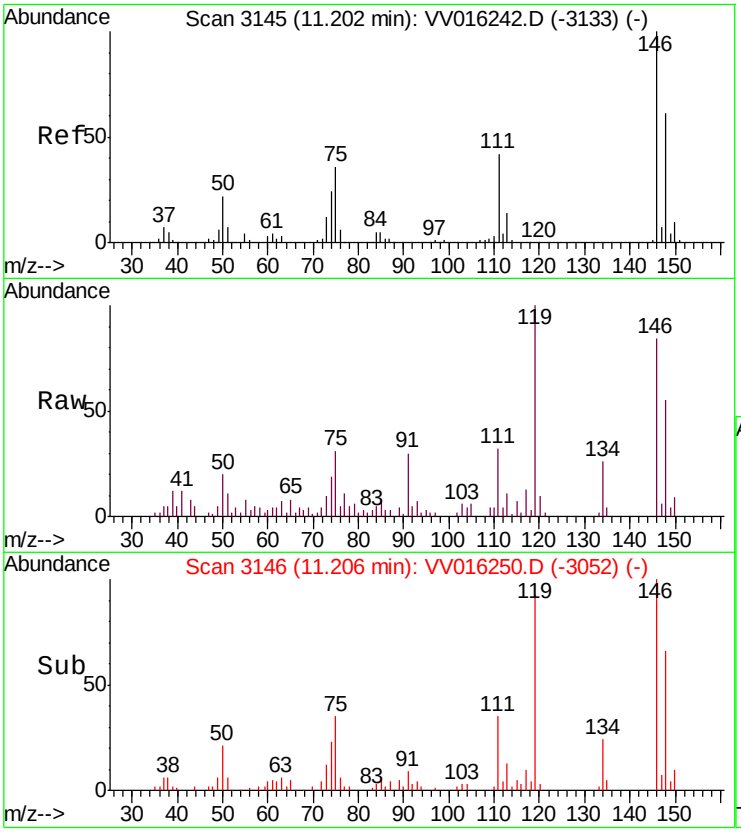


#58
Isopropylbenzene
Concen: 11.011 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:105 Resp: 364649

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.9	31.3
77	16.9	13.9	20.9





#63
1,3-Dichlorobenzene
Concen: 0.684 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:146 Resp: 10292

Ion	Ratio	Lower	Upper
146	100		
111	37.6	29.7	55.1
148	65.6	45.9	85.3

Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

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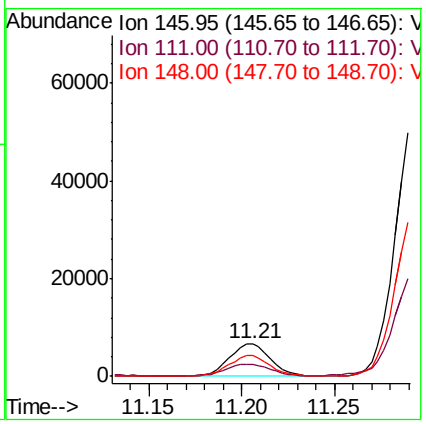
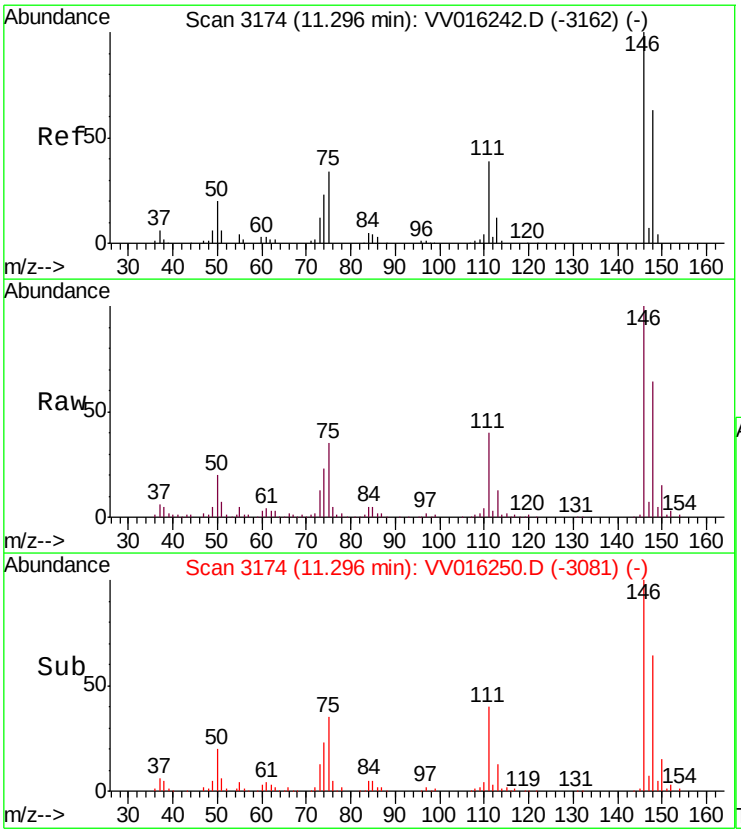
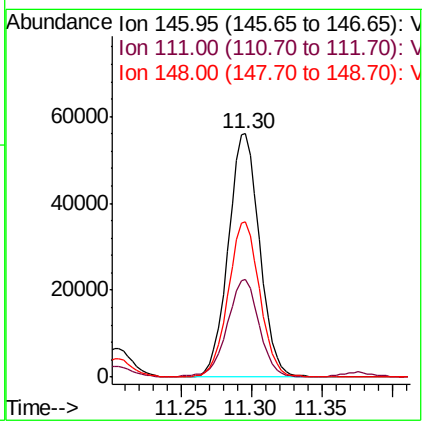


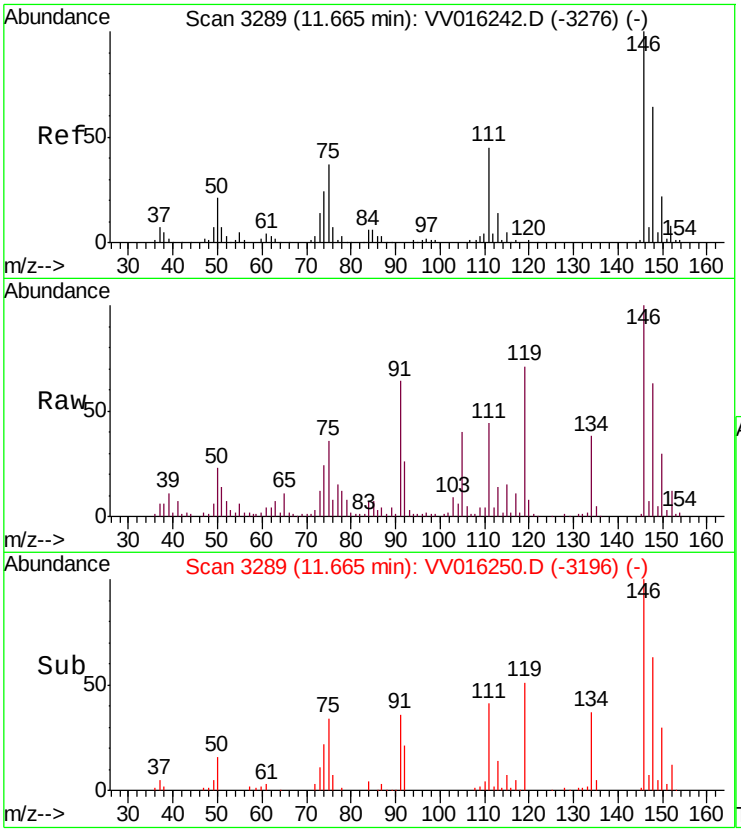


#64
1,4-Dichlorobenzene
Concen: 5.692 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:146 Resp: 87065

Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.3	52.7
148	63.8	43.3	80.3

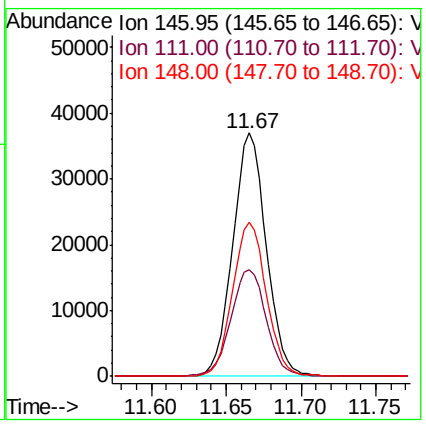




#66
1,2-Dichlorobenzene
Concen: 4.233 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:146 Resp: 57587

Ion	Ratio	Lower	Upper
146	100		
111	43.7	35.7	53.5
148	63.1	51.3	76.9



Instrument :
MSVOA_V
ClientSampleId :
BE4Z0

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