Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
Data File : VV016303.D
Acq On : 29 May 2020 02:43
Operator : SY/MD
Sample : L2662-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9B10

Manual Integrations APPROVED
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Quant Time: May 29 06:07:27 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	5.65	114	644	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	958	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	1023	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	27920	674.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 13499.00%#			
7) Chloroethane-d5	1.58	69	18012	495.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 9914.00%#			
11) 1,1-Dichloroethene-d2	2.12	63	42315	544.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 10895.00%#			
20) 2-Butanone-d5	3.95	46	51738m	5042.89	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 10085.78%#			
24) Chloroform-d	4.38	84	45844	556.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 11133.40%#			
26) 1,2-Dichloroethane-d4	5.06	65	24359	558.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 11176.00%#			
32) Benzene-d6	5.07	84	87745	369.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 7394.60%#			
36) 1,2-Dichloropropane-d6	6.10	67	28355	386.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 7723.60%#			
41) Toluene-d8	7.34	98	78180	345.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 6912.80%#			
45) trans-1,3-Dichloropropene-	7.65	79	9113	333.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 6660.20%#			
48) 2-Hexanone-d5	8.12	63	46706	3721.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 7442.40%#			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	20596	379.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 7591.00%#			
65) 1,2-Dichlorobenzene-d4	11.65	152	33051	193.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 3869.20%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1341395	23784.140	ug/L	99
12) 1,1-Dichloroethene	2.13	96	23528	619.395	ug/L	96
13) Acetone	2.26	43	15024m	2365.720	ug/L	
14) Carbon disulfide	2.31	76	1794	15.236	ug/L #	66
18) trans-1,2-Dichloroethene	2.78	96	43620	1049.391	ug/L	97
19) 1,1-Dichloroethane	3.21	63	1912	24.215	ug/L	86
21) 2-Butanone	4.07	43	12266m	1085.751	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	8004060	162806.749	ug/L	99
27) 1,2-Dichloroethane	5.16	62	13051m	238.876	ug/L	
33) Benzene	5.12	78	319885	1160.349	ug/L	100
34) Trichloroethene	5.94	95	4185	58.272	ug/L	94
40) 4-Methyl-2-pentanone	7.27	43	3232	76.830	ug/L #	88
42) Toluene	7.41	91	586404	1950.492	ug/L	99
53) Chlorobenzene	8.91	112	1944	10.464	ug/L	93
54) Ethylbenzene	9.03	91	358398	1069.474	ug/L	100
55) m,p-xylene	9.16	106	173085	1377.406	ug/L	100
56) o-xylene	9.56	106	110158	919.901	ug/L	98

Quantitation Report (QT/LSC Reviewed)

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Operator : SY/MD
Sample : L2662-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Quant Time: May 29 06:07:27 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

Instrument :
MSVOA_V
ClientSampleId :
F9B10

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Isopropylbenzene	9.95	105	13675	41.689	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052820\
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Acq On : 29 May 2020 02:43
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Manual Integrations APPROVED
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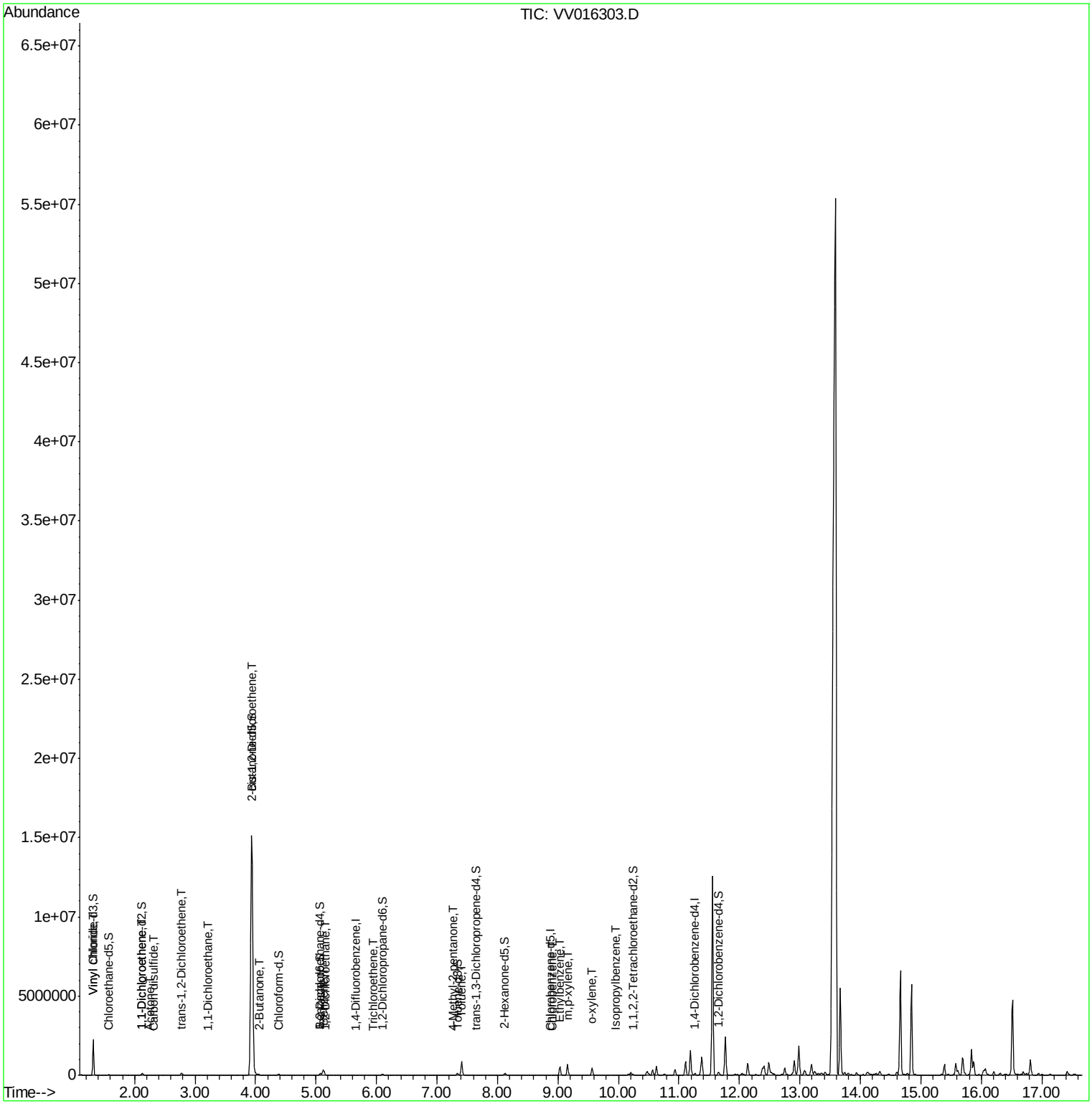
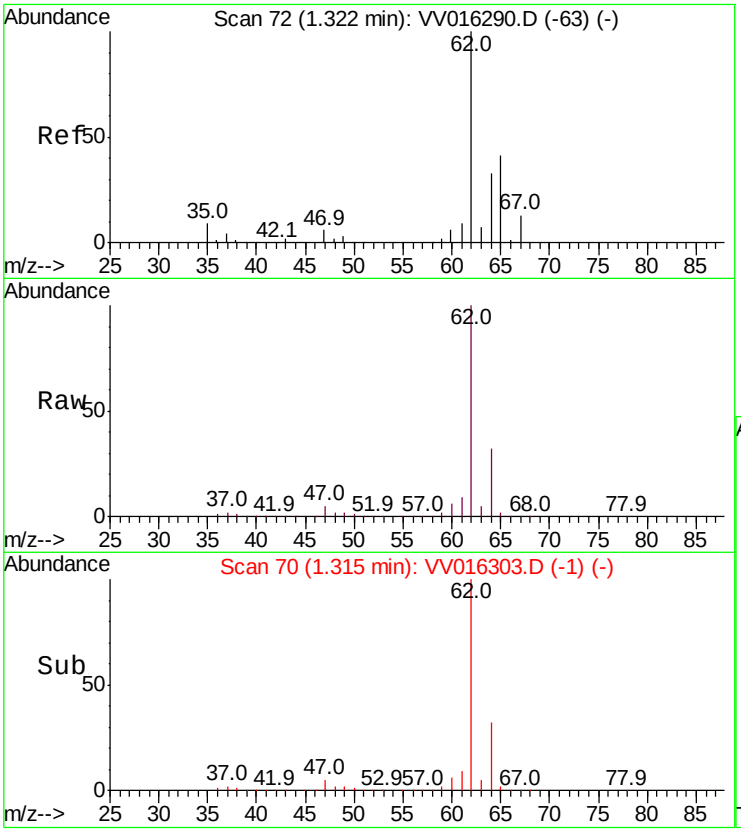
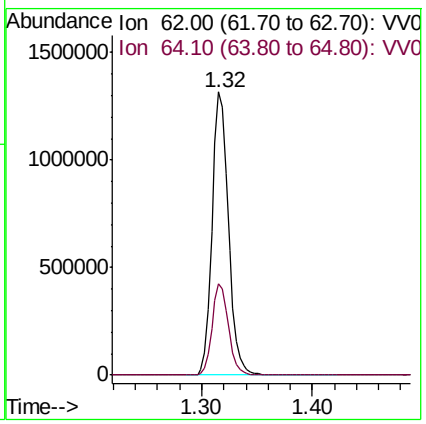




#5
Vinyl chloride
Concen: 23784.140 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.01 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 62 Resp: 1341395

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.1	41.1



Instrument :
MSVOA_V
ClientSampleId :
F9B10

Manual Integrations APPROVED
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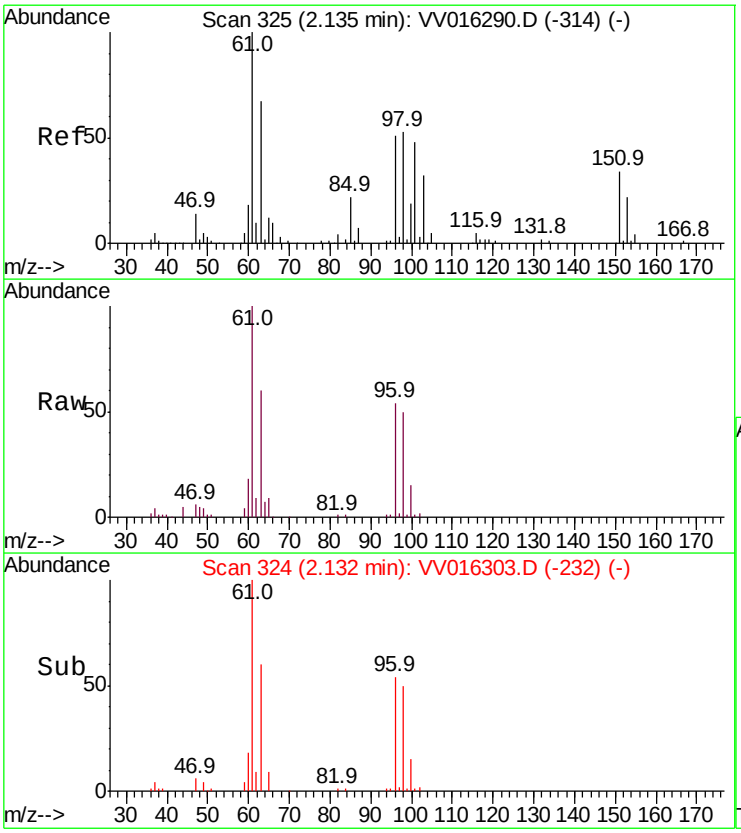
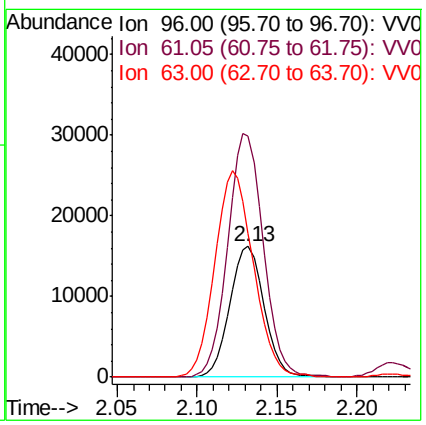
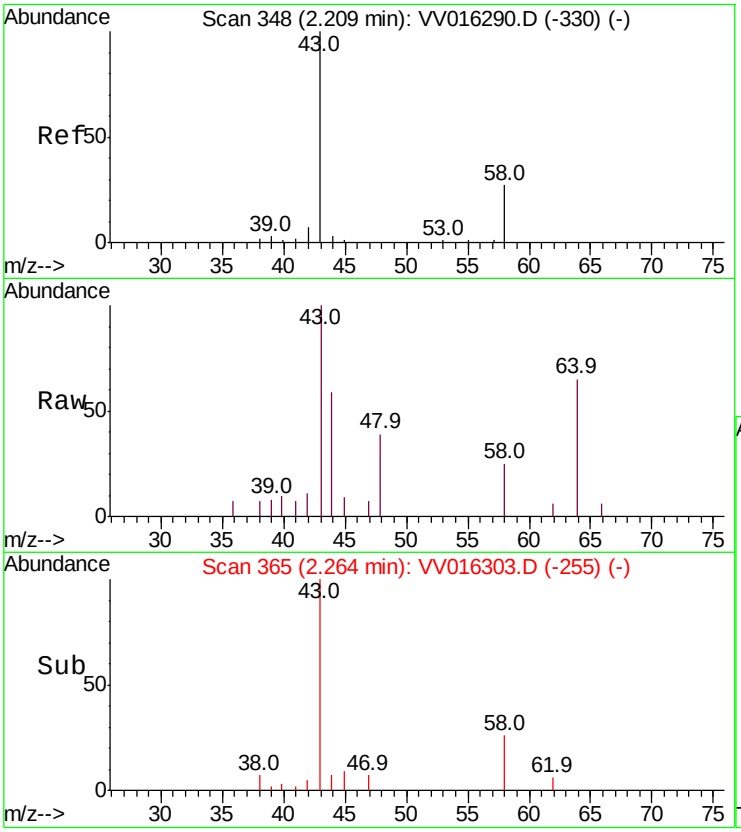


#12
1,1-Dichloroethene
Concen: 619.395 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 96 Resp: 23528

Ion	Ratio	Lower	Upper
96	100		
61	184.0	124.9	231.9
63	109.7	80.4	149.2

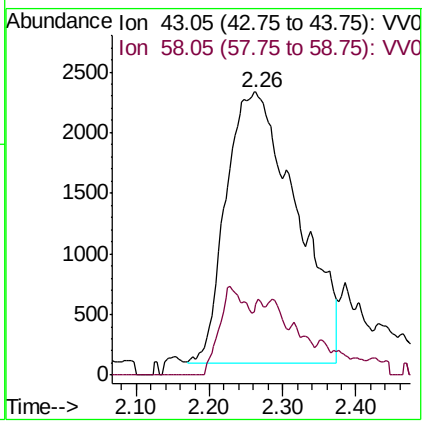




#13
Acetone
Concen: 2365.720 ug/L m
RT: 2.26 min Scan# 365
Delta R.T. 0.05 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 43 Resp: 15024

Ion	Ratio	Lower	Upper
43	100		
58	0.6	0.0	48.8



Instrument :
MSVOA_V
ClientSampleId :
F9B10

Manual Integrations APPROVED
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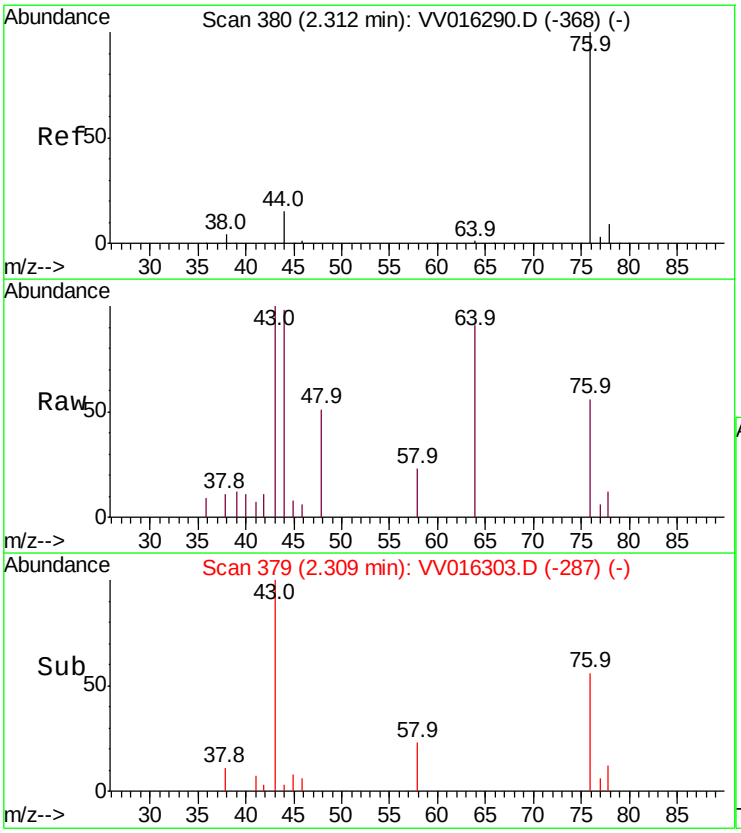
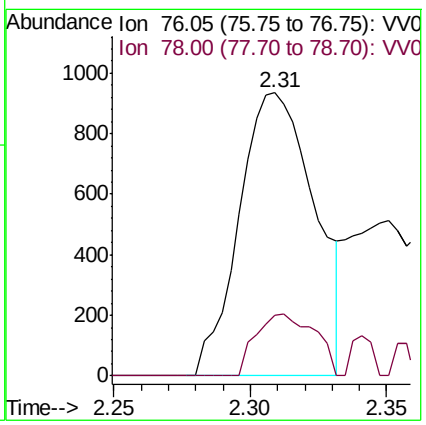
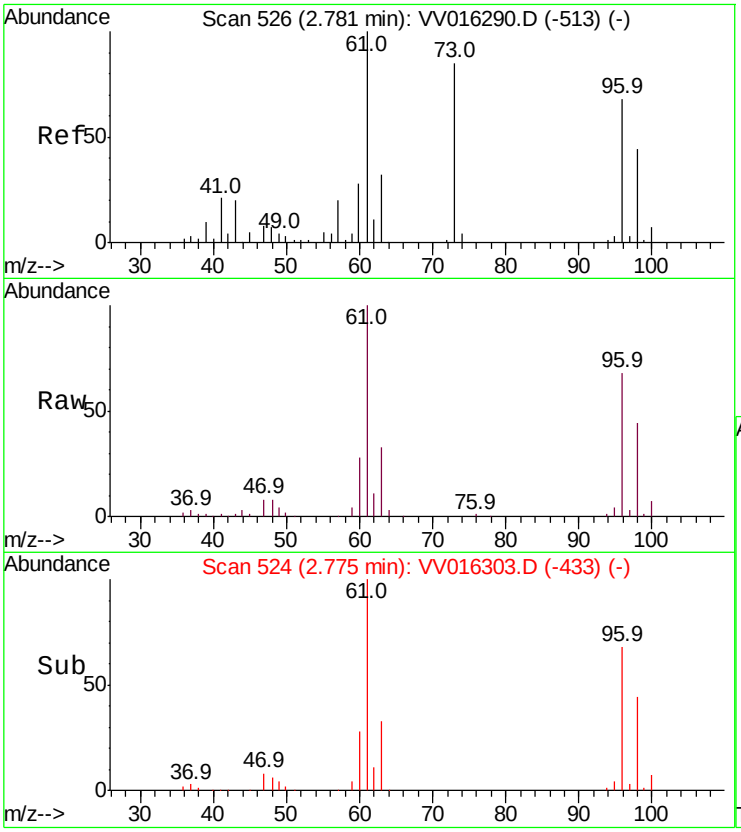


#14
Carbon disulfide
Concen: 15.236 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 76 Resp: 1794

Ion	Ratio	Lower	Upper
76	100		
78	21.4	7.4	11.0#

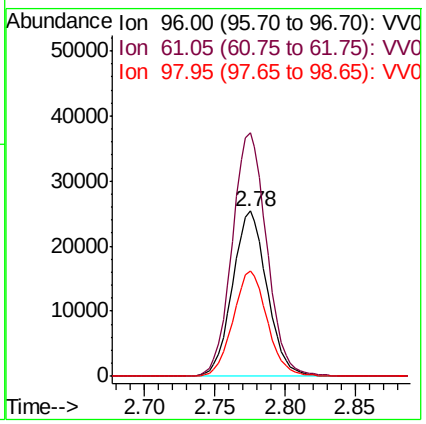




#18
trans-1,2-Dichloroethene
Concen: 1049.391 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 96 Resp: 43620

Ion	Ratio	Lower	Upper
96	100		
61	147.6	99.8	185.4
98	64.3	44.0	81.6



Instrument :
MSVOA_V
ClientSampleId :
F9B10

Manual Integrations APPROVED
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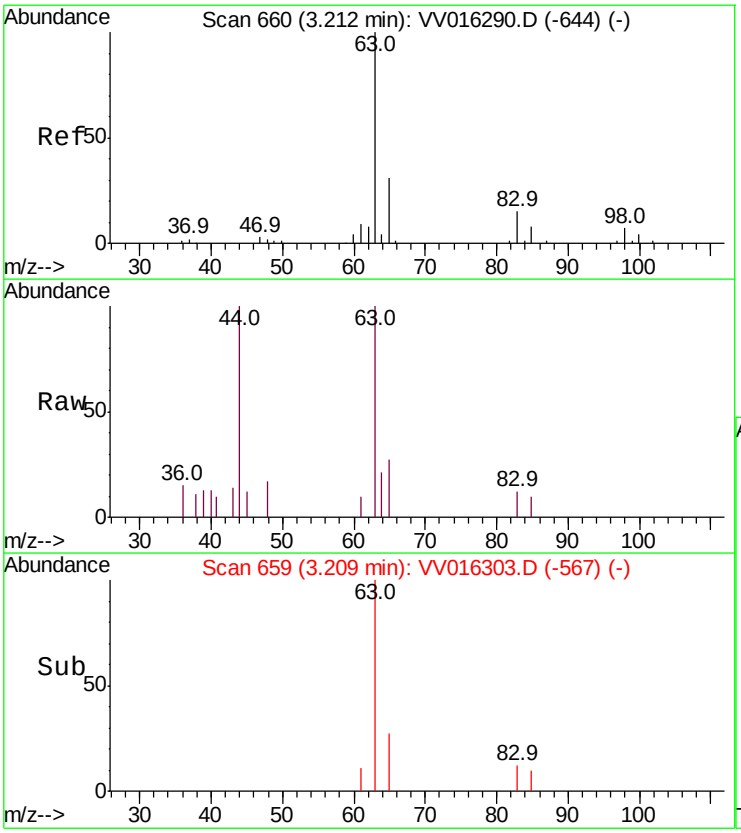
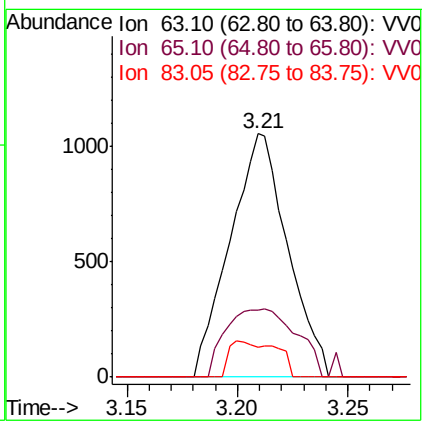
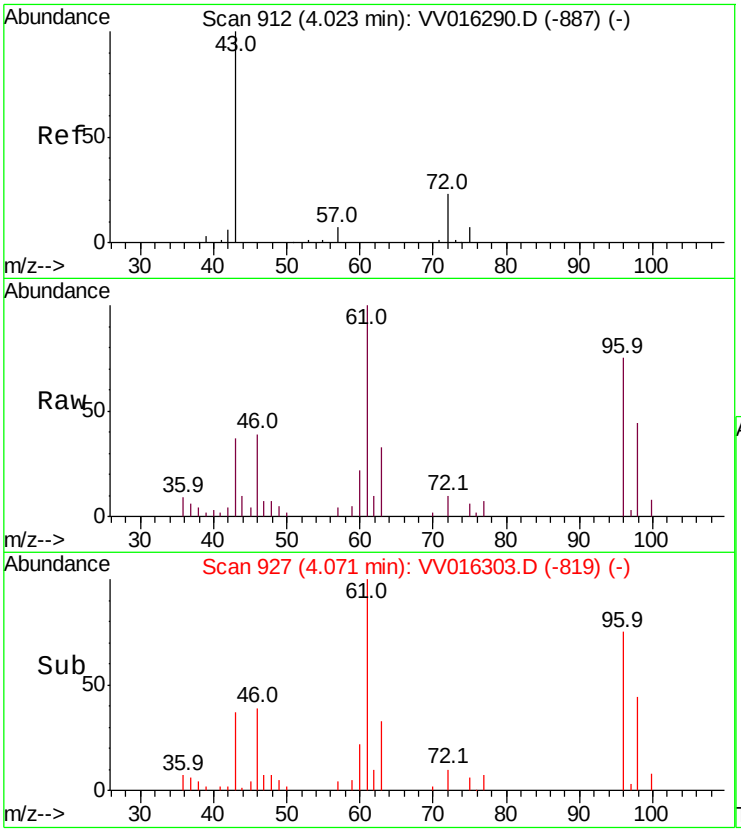


#19
1,1-Dichloroethane
Concen: 24.215 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 63 Resp: 1912

Ion	Ratio	Lower	Upper
63	100		
65	22.6	22.3	41.5
83	10.2	9.4	17.4

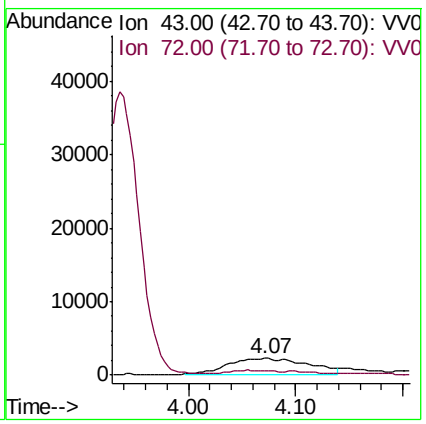




#21
2-Butanone
Concen: 1085.751 ug/L m
RT: 4.07 min Scan# 927
Delta R.T. 0.05 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 43 Resp: 12266

Ion	Ratio	Lower	Upper
43	100		
72	0.0	9.7	28.9#



Instrument :
MSVOA_V
ClientSampleId :
F9B10

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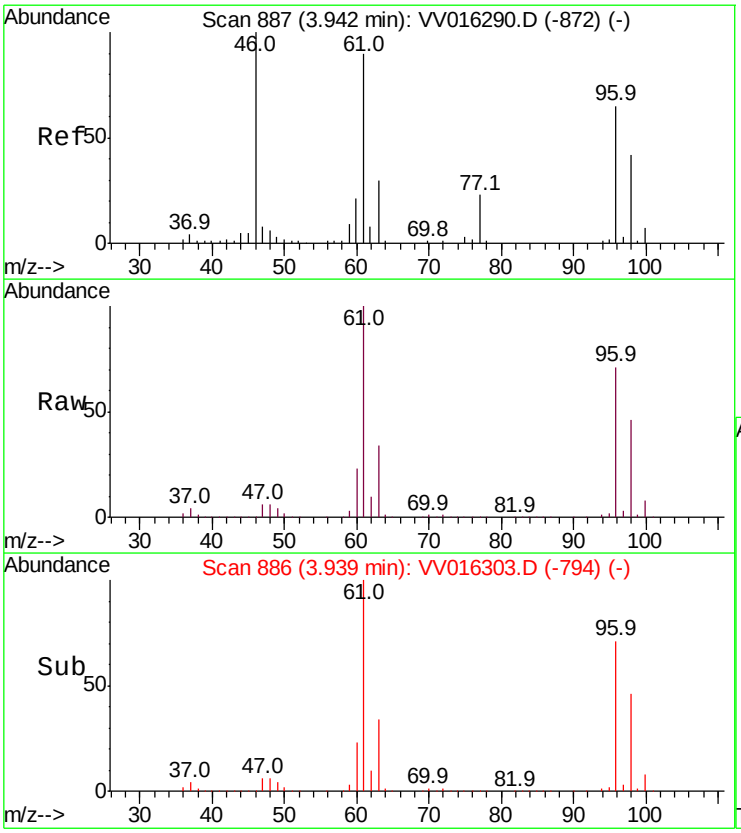
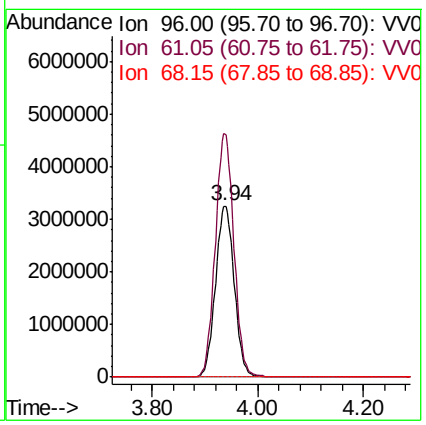
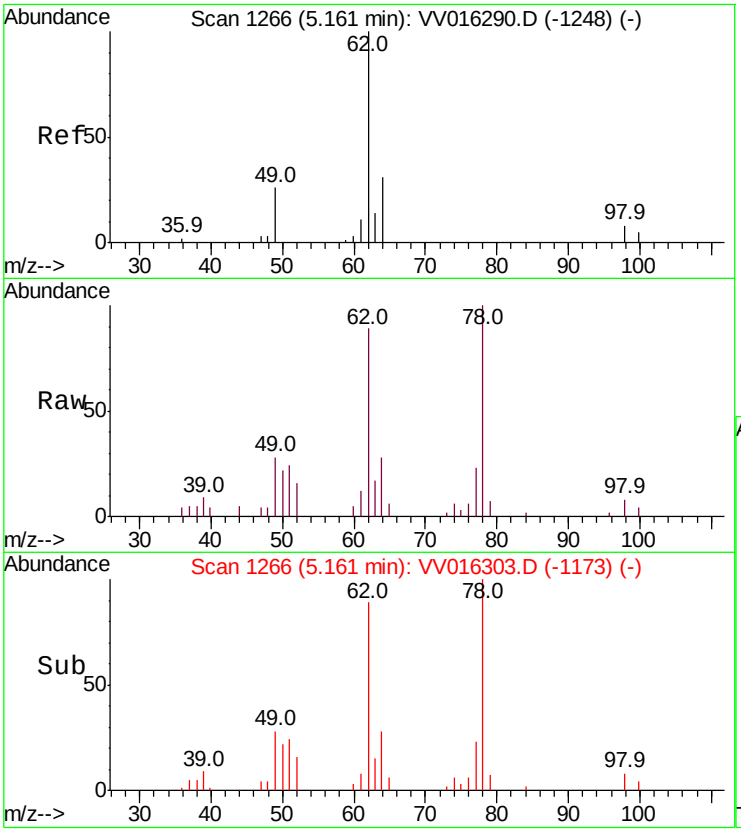


#22
cis-1,2-Dichloroethene
Concen: 162806.749 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 96 Resp: 8004060

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

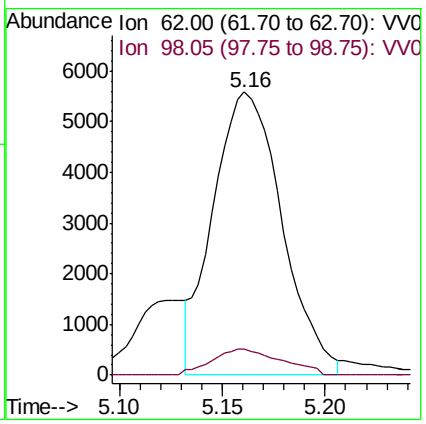




#27
1,2-Dichloroethane
Concen: 238.876 ug/L m
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 62 Resp: 13051

Ion	Ratio	Lower	Upper
62	100		
98	9.1	5.7	8.5#



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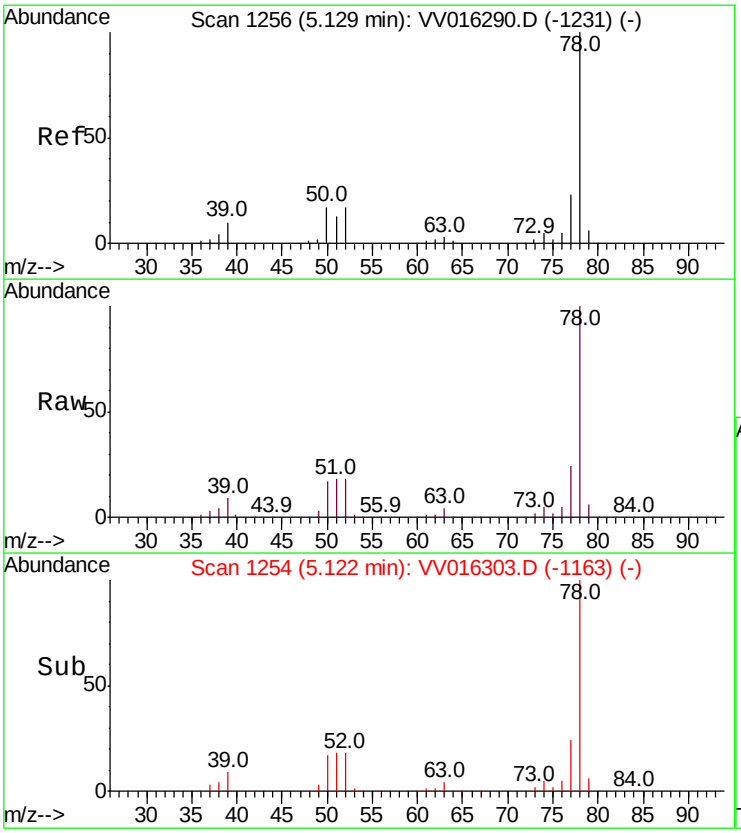
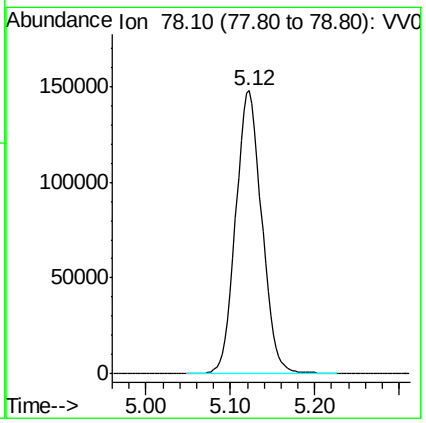
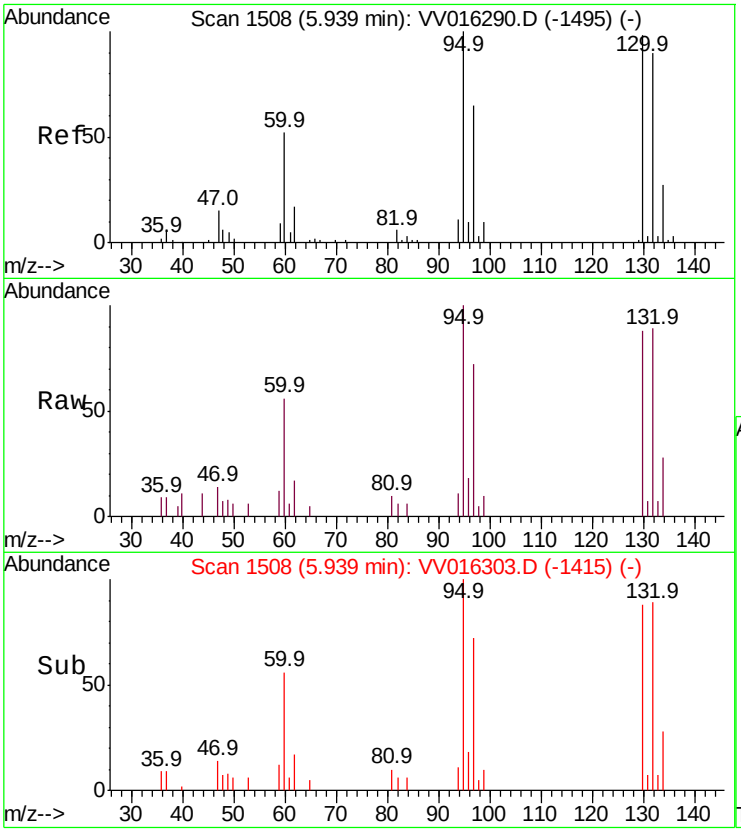


#33
Benzene
Concen: 1160.349 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 78 Resp: 319885

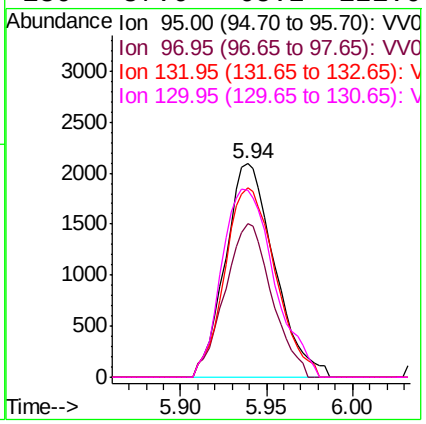




#34
Trichloroethene
Concen: 58.272 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 95 Resp: 4185

Ion	Ratio	Lower	Upper
95	100		
97	71.7	43.6	81.0
132	88.7	63.9	118.7
130	87.6	65.2	121.0



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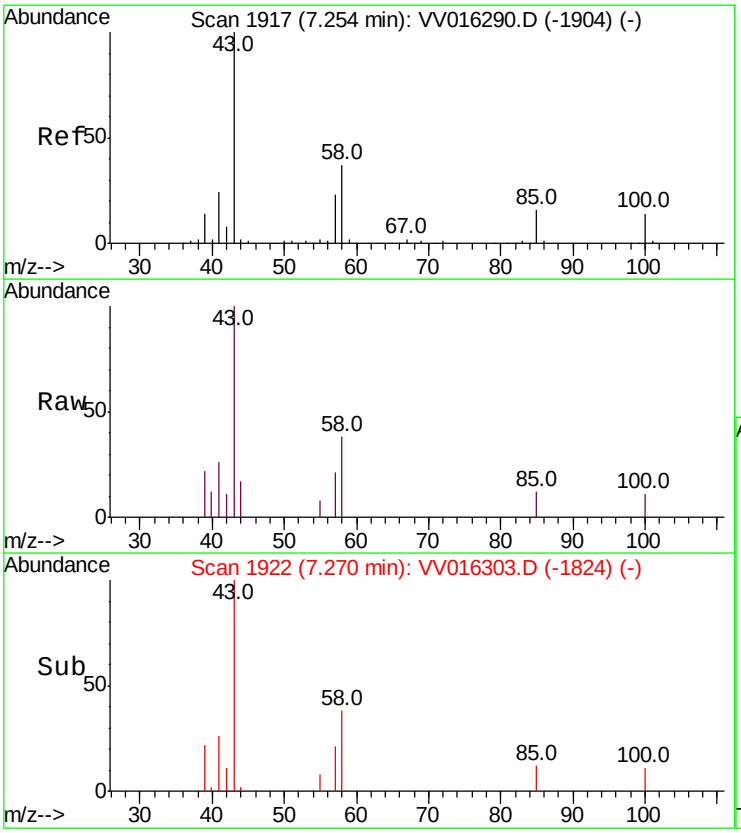
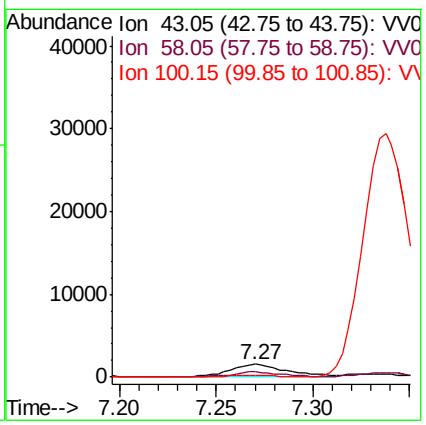
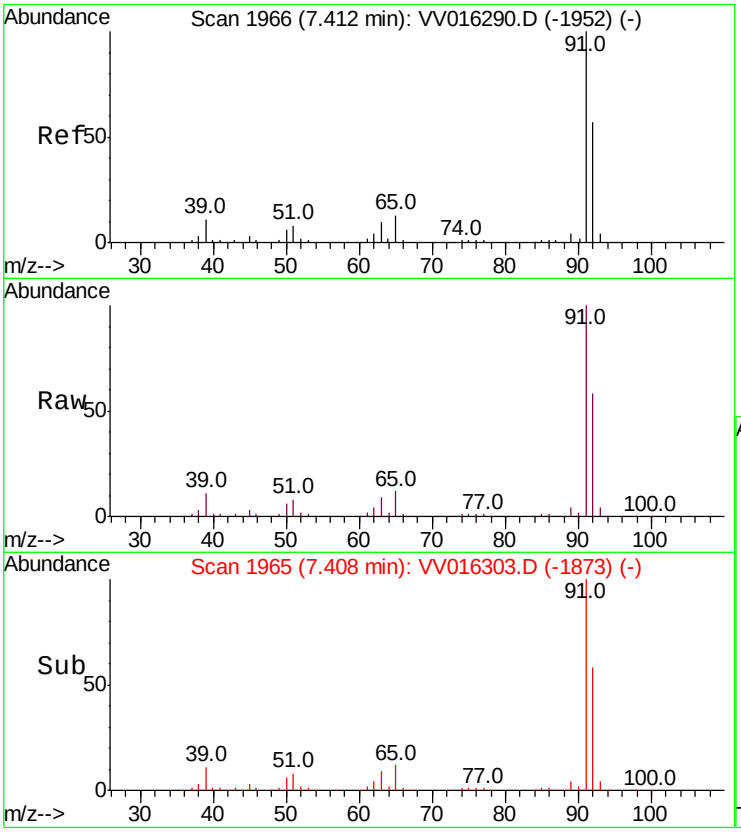


#40
4-Methyl-2-pentanone
Concen: 76.830 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.02 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 43 Resp: 3232

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.5	44.3
100	0.0	11.1	16.7#

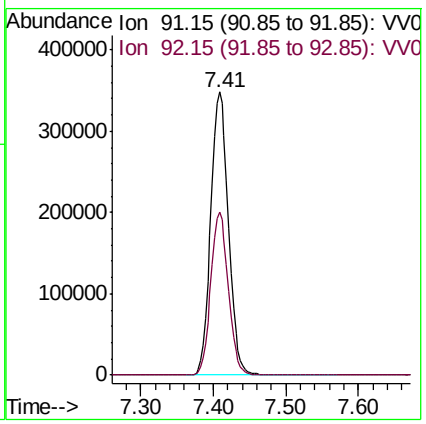




#42
Toluene
Concen: 1950.492 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion: 91 Resp: 586404

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.9	76.0



Instrument :
MSVOA_V
ClientSampleId :
F9B10

Manual Integrations APPROVED
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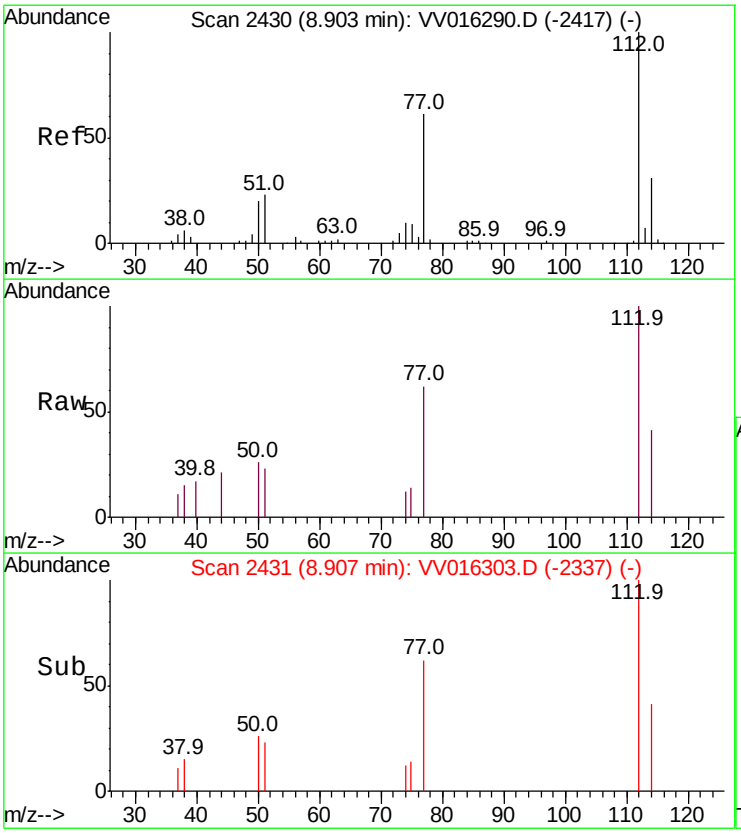
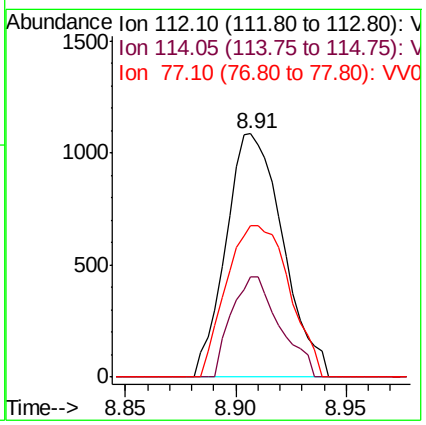
5/29/2020 4:26:49 PM

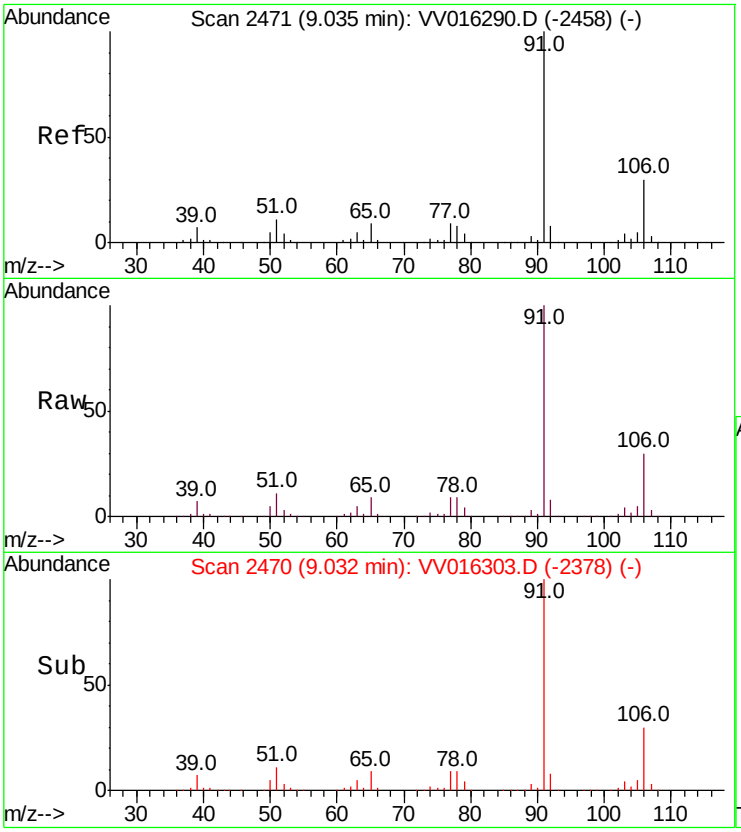


#53
Chlorobenzene
Concen: 10.464 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion:112 Resp: 1944

Ion	Ratio	Lower	Upper
112	100		
114	40.9	22.3	41.3
77	62.0	50.7	76.1





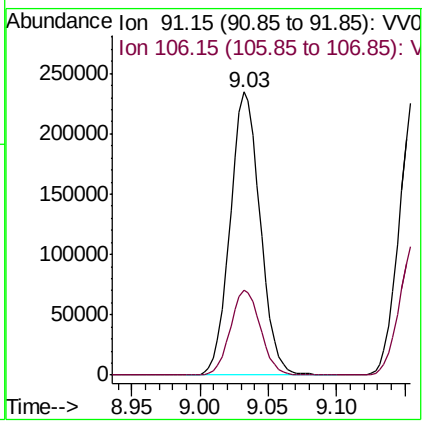
#54
Ethylbenzene
Concen: 1069.474 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

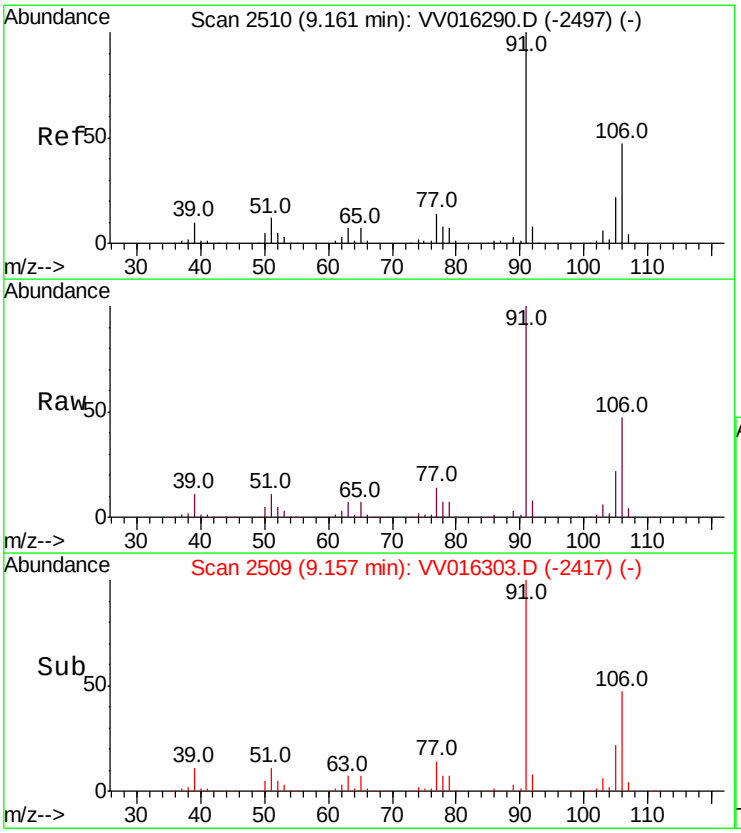
Tgt Ion: 91 Resp: 358398

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.0	39.0

Instrument :
MSVOA_V
ClientSampleId :
F9B10

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:49 PM

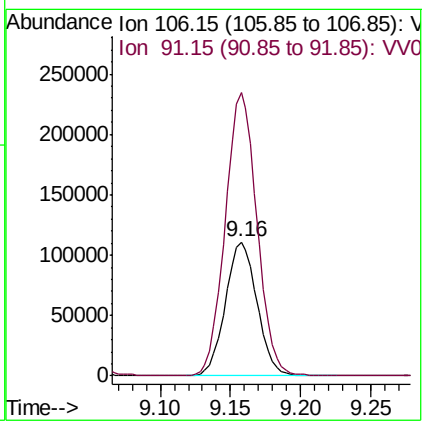


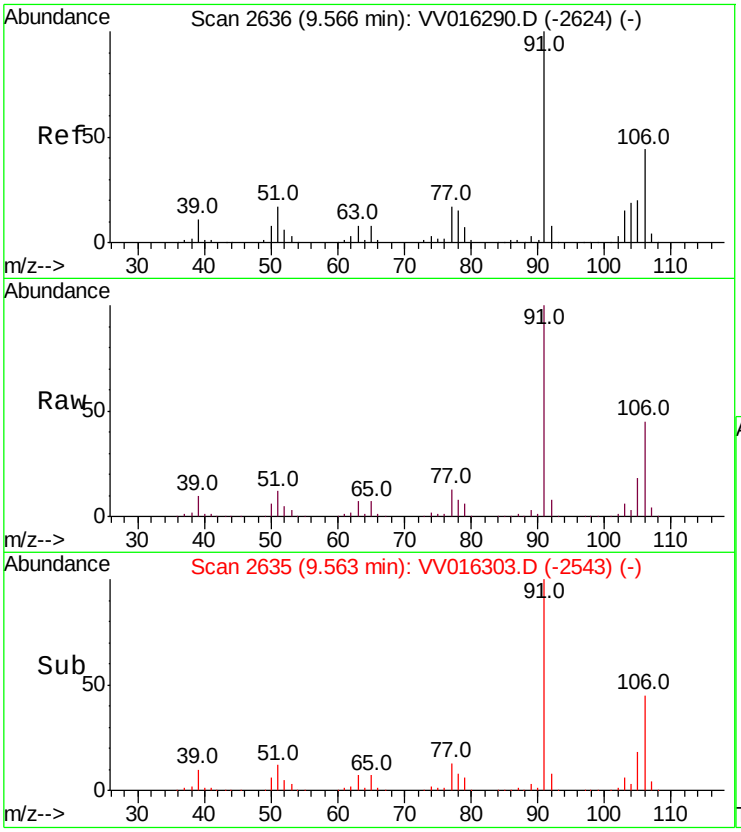


#55
m,p-xylene
Concen: 1377.406 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion:106 Resp: 173085

Ion	Ratio	Lower	Upper
106	100		
91	211.6	148.1	275.0

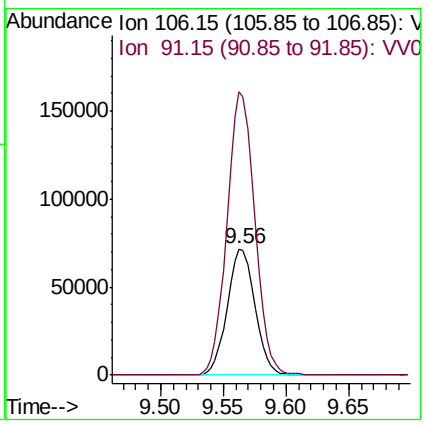




#56
o-xylene
Concen: 919.901 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

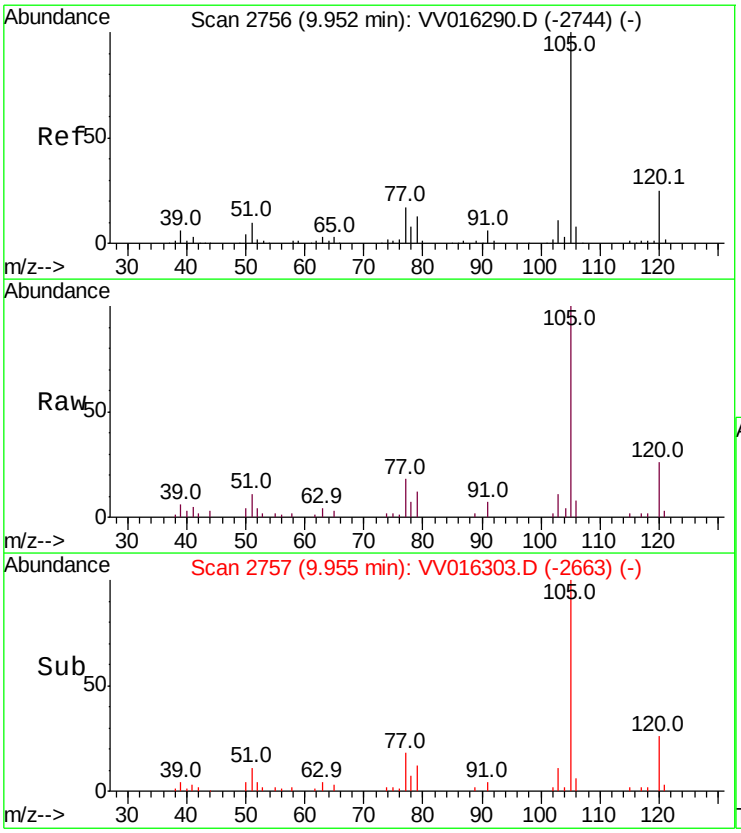
Tgt Ion:106 Resp: 110158

Ion	Ratio	Lower	Upper
106	100		
91	224.1	158.8	294.8



Instrument :
MSVOA_V
ClientSampleId :
F9B10

Manual Integrations APPROVED
MMDadoda
5/29/2020 4:26:49 PM



#58
Isopropylbenzene
Concen: 41.689 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016303.D
Acq: 29 May 2020 02:43

Tgt Ion:105 Resp: 13675

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.9	31.3
77	18.5	13.9	20.9