Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations APPROVED
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6/24/2019 9:47:27 AM

Quant Time: Jun 24 06:39:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.77	114	105218	5.00	ug/L	0.11
28) Chlorobenzene-d5	8.97	117	114166	5.00	ug/L	0.08
60) 1,4-Dichlorobenzene-d4	11.32	152	62119	5.00	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.34	65	42559	6.09	ug/L	0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 121.80%			
7) Chloroethane-d5	1.64	69	29245	5.96	ug/L	0.07
Spiked Amount 5.000	Range 65 - 130		Recovery = 119.20%			
11) 1,1-Dichloroethene-d2	2.25	63	65026	4.58	ug/L	0.13
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.29	46	133769m	72.72	ug/L	0.34
Spiked Amount 50.000	Range 40 - 130		Recovery = 145.44%#			
24) Chloroform-d	4.65	84	72930	5.72	ug/L	0.25
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.40%			
26) 1,2-Dichloroethane-d4	5.26	65	47753	6.24	ug/L	0.18
Spiked Amount 5.000	Range 70 - 130		Recovery = 124.80%			
32) Benzene-d6	5.27	84	149185	4.69	ug/L	0.17
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.19	67	39404	4.02	ug/L	0.07
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.40%			
41) Toluene-d8	7.52	98	128410	4.46	ug/L	0.16
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.80	79	15955	4.66	ug/L	0.13
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.24	63	107152	66.62	ug/L	0.11
Spiked Amount 50.000	Range 45 - 130		Recovery = 133.24%#			
57) 1,1,2,2-Tetrachloroethane-	10.30	84	43757	6.41	ug/L	0.04
Spiked Amount 5.000	Range 65 - 120		Recovery = 128.20%#			
64) 1,2-Dichlorobenzene-d4	11.69	152	60527	5.16	ug/L	0.02
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
3) Chloromethane	1.27	50	3908	0.394	ug/L	95
5) Vinyl chloride	1.35	62	5655	0.581	ug/L #	1
33) Benzene	5.31	78	20984m	0.554	ug/L	
42) Toluene	7.59	91	17843	0.451	ug/L	99
52) Ethylbenzene	9.13	91	12387m	0.284	ug/L	
53) m,p-xylene	9.25	106	10797m	0.674	ug/L	
54) o-xylene	9.64	106	9250	0.590	ug/L	96
56) Isopropylbenzene	10.02	105	10212	0.243	ug/L #	83
62) 1,3-Dichlorobenzene	11.25	146	2281	0.109	ug/L	87
63) 1,4-Dichlorobenzene	11.34	146	7284	0.337	ug/L	97
65) 1,2-Dichlorobenzene	11.71	146	57185	2.865	ug/L	96

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

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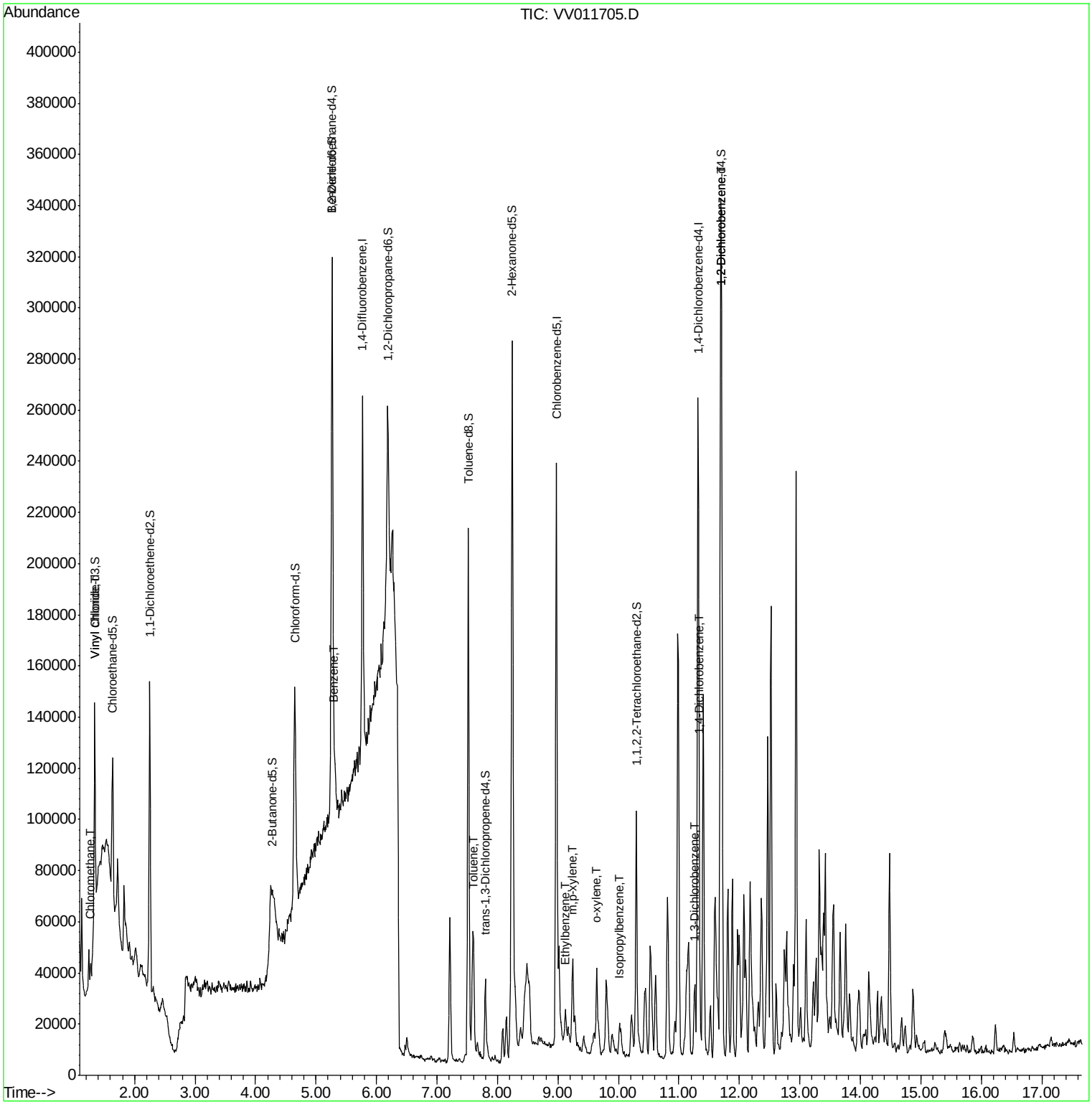
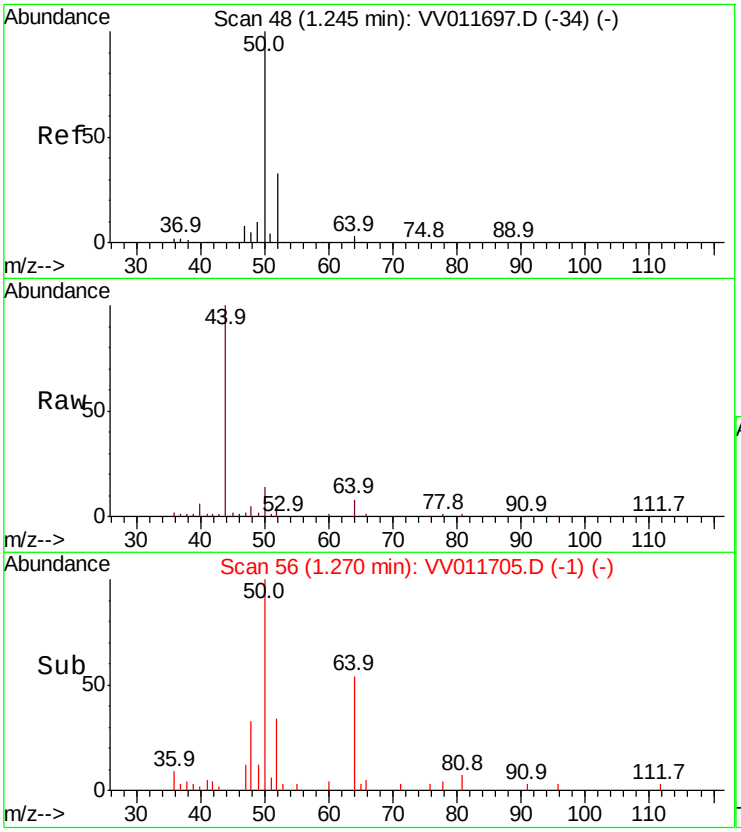
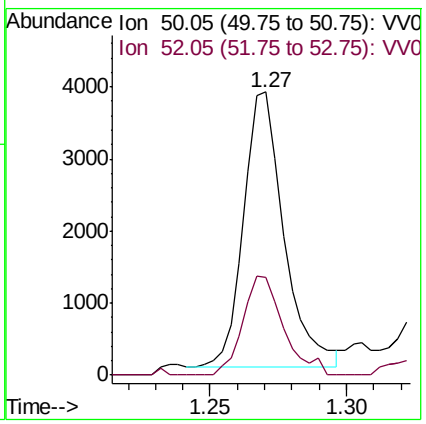




#3
Chloromethane
Concen: 0.394 ug/L
RT: 1.27 min Scan# 56
Delta R.T. 0.03 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion: 50 Resp: 3908

Ion	Ratio	Lower	Upper
50	100		
52	34.3	22.0	40.8



Instrument :
MSVOA_V
ClientSampleId :
BFCP6

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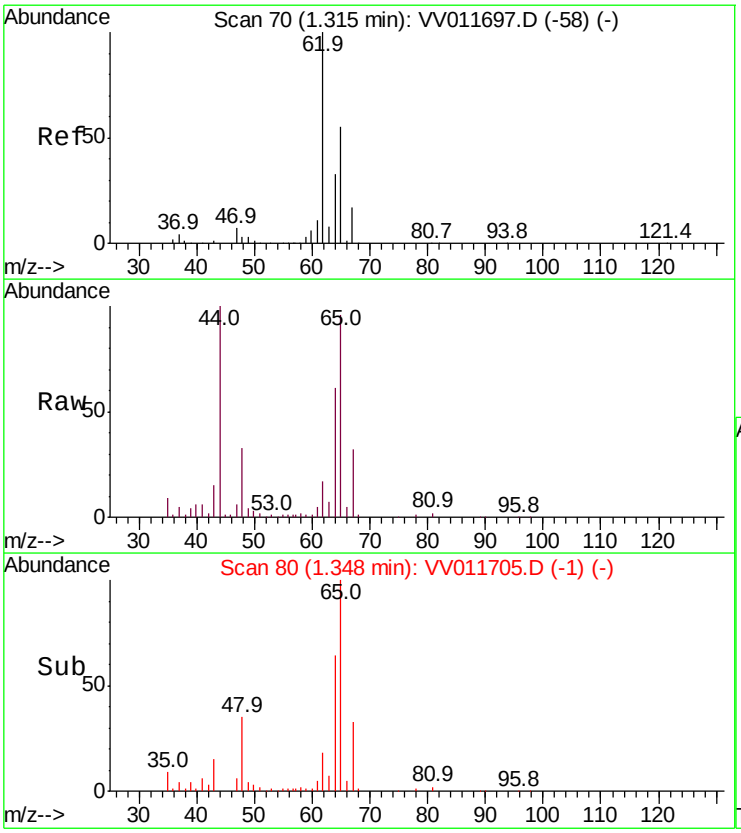
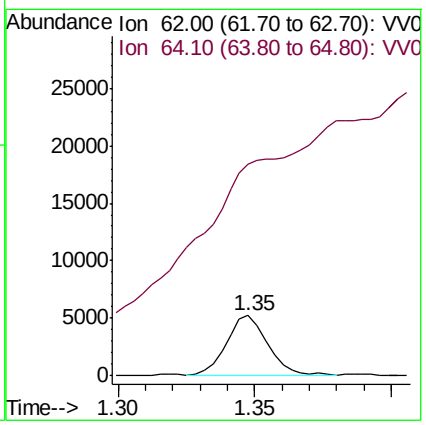
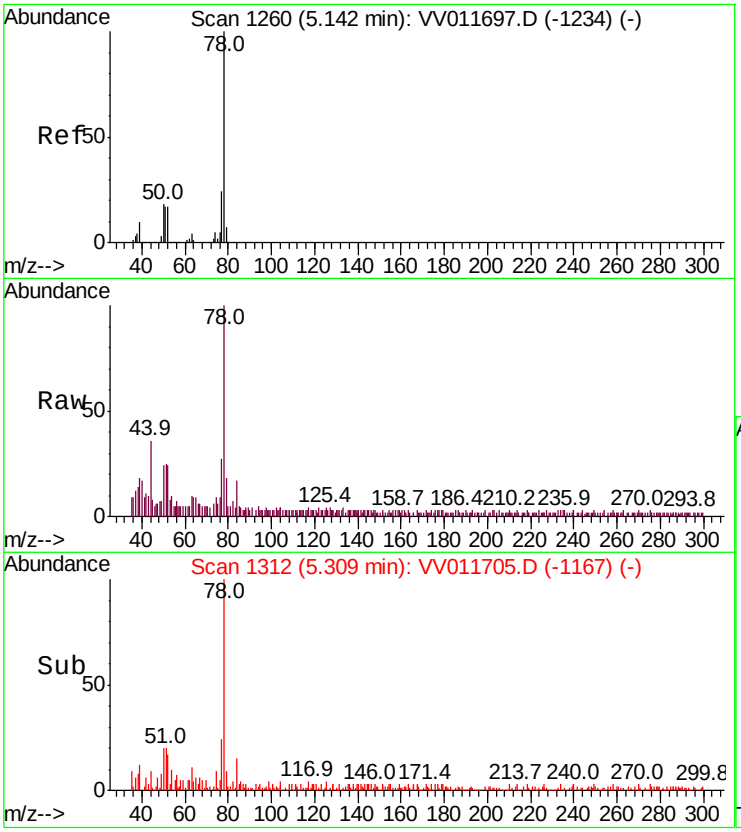


#5
Vinyl chloride
Concen: 0.581 ug/L
RT: 1.35 min Scan# 80
Delta R.T. 0.03 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion: 62 Resp: 5655

Ion	Ratio	Lower	Upper
62	100		
64	350.4	24.1	44.7#





#33
Benzene
Concen: 0.554 ug/L m
RT: 5.31 min Scan# 1312
Delta R.T. 0.17 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion: 78 Resp: 20984

Instrument :
MSVOA_V
ClientSampleId :
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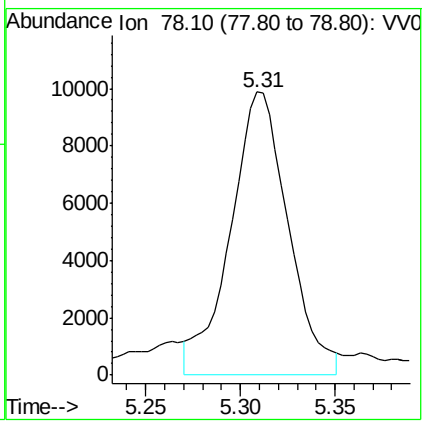
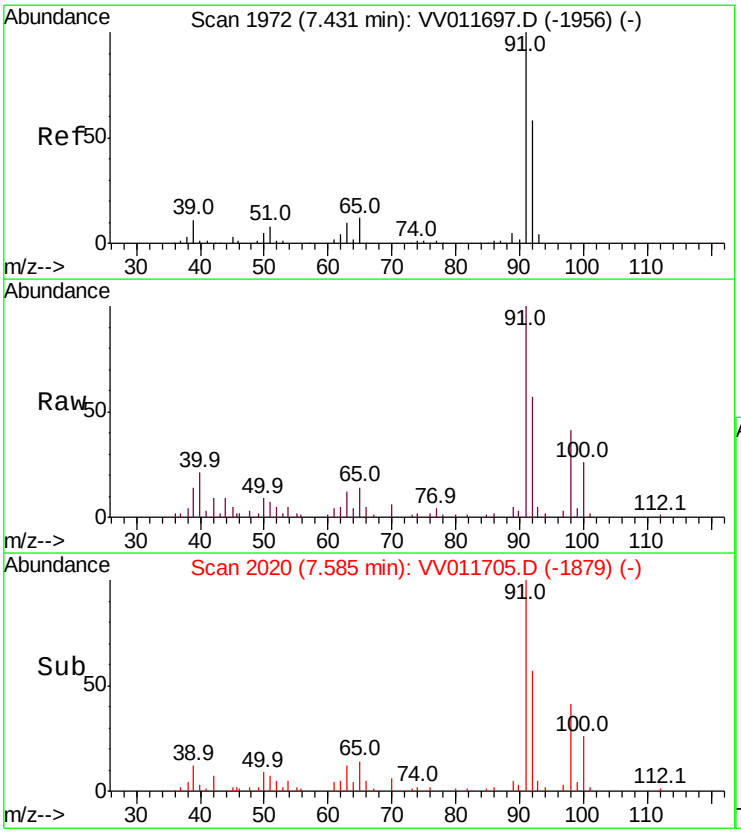
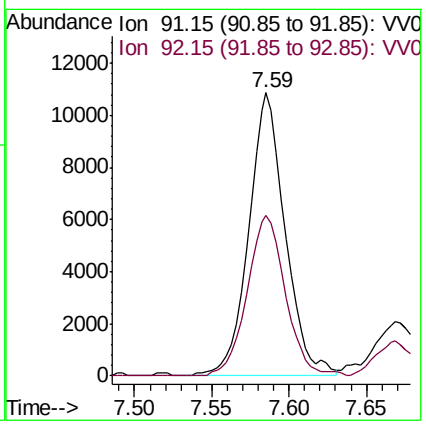


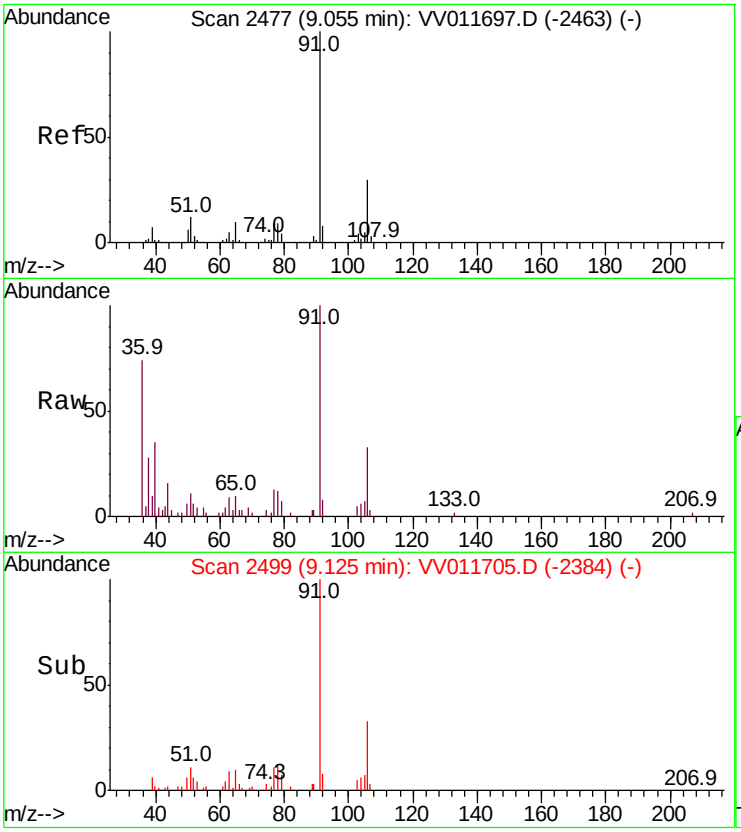


#42
Toluene
Concen: 0.451 ug/L
RT: 7.59 min Scan# 2020
Delta R.T. 0.15 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion: 91 Resp: 17843

Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.3	74.9

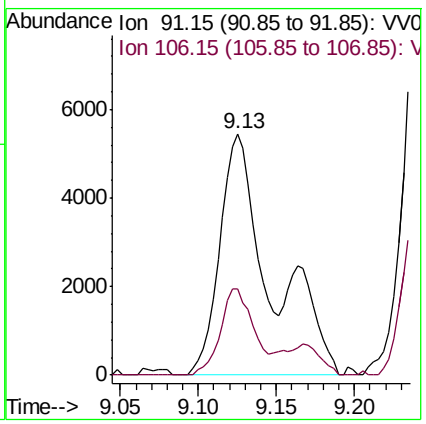




#52
Ethylbenzene
Concen: 0.284 ug/L m
RT: 9.13 min Scan# 2499
Delta R.T. 0.07 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion: 91 Resp: 12387

Ion	Ratio	Lower	Upper
91	100		
106	33.0	20.7	38.5



Instrument :
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ClientSampleId :
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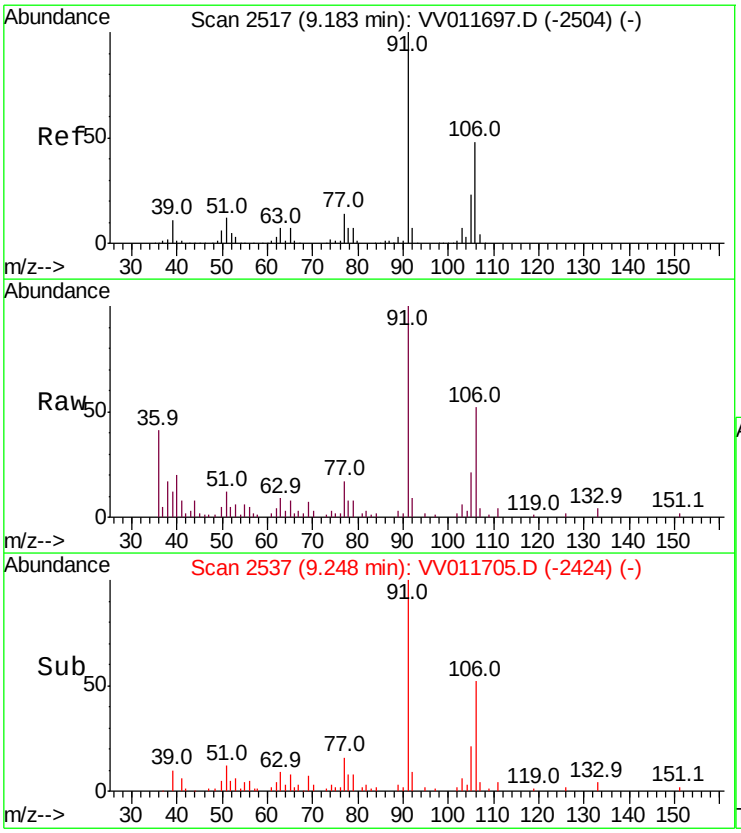
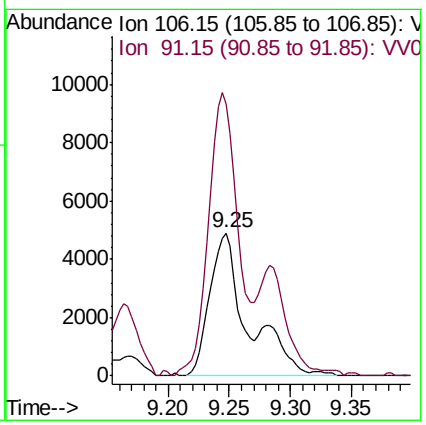
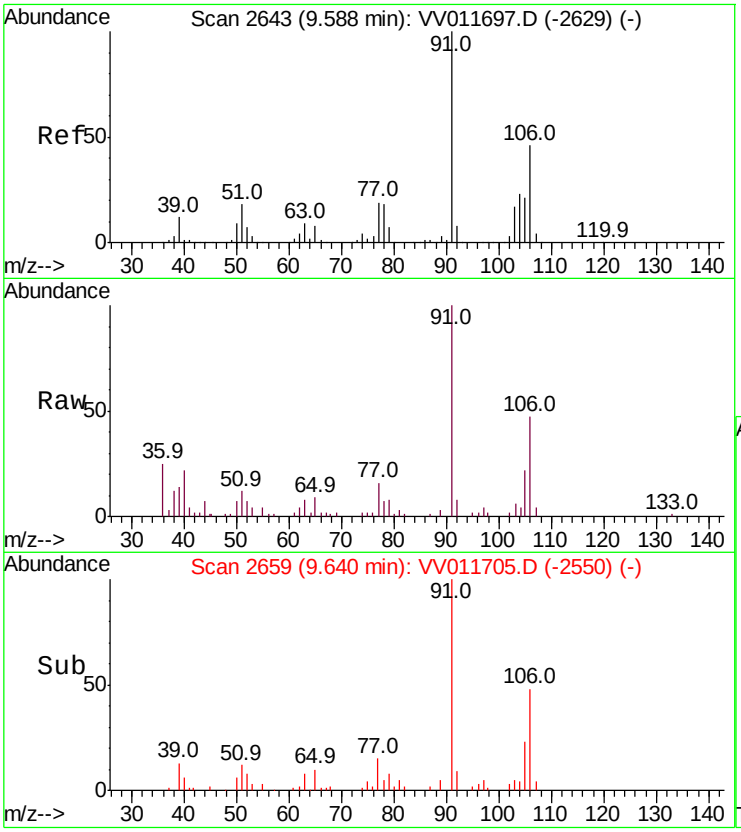


#53
m,p-xylene
Concen: 0.674 ug/L m
RT: 9.25 min Scan# 2537
Delta R.T. 0.06 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion:106 Resp: 10797

Ion	Ratio	Lower	Upper
106	100		
91	190.7	144.9	269.1





#54
o-xylene
Concen: 0.590 ug/L
RT: 9.64 min Scan# 2659
Delta R.T. 0.05 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion:106 Resp: 9250

Ion	Ratio	Lower	Upper
106	100		
91	214.7	155.2	288.2

Instrument :
MSVOA_V
ClientSampleId :
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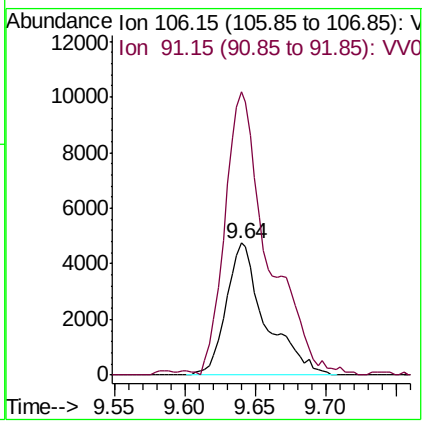
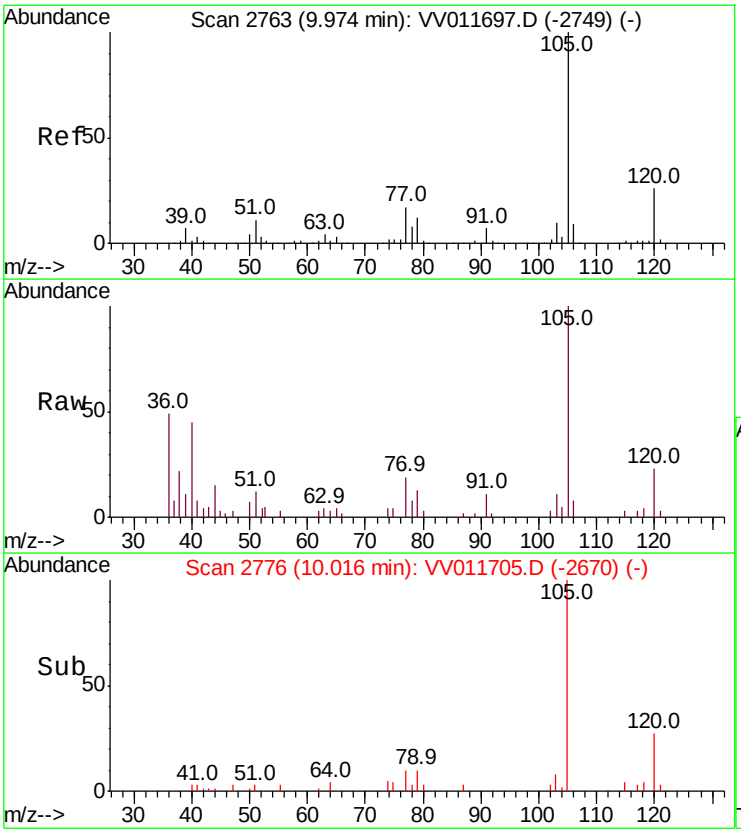
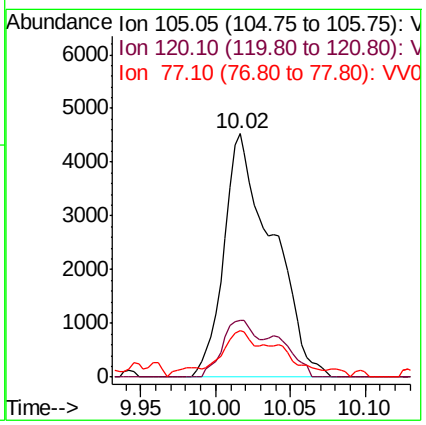


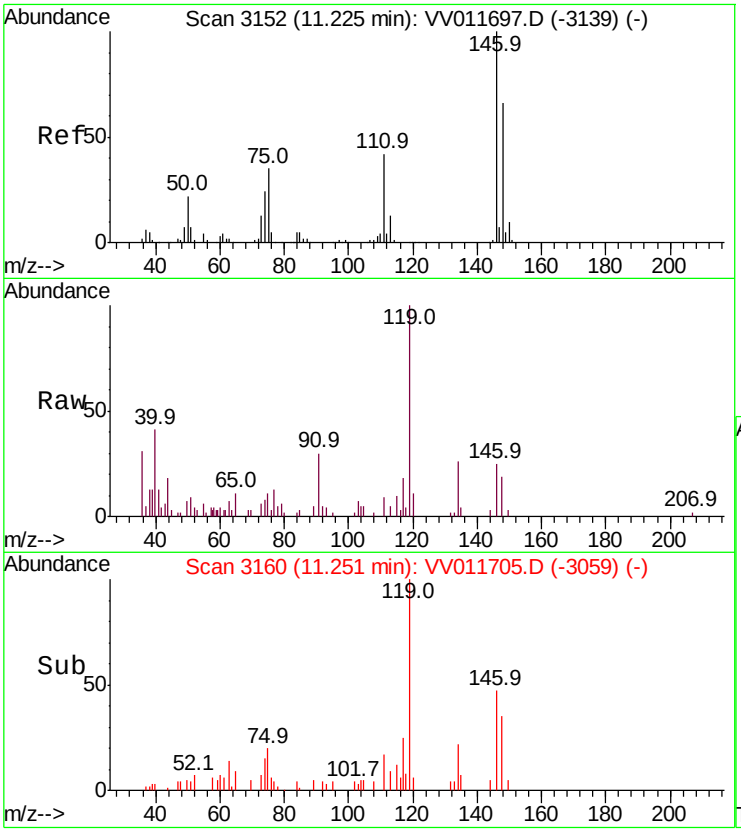


#56
Isopropylbenzene
Concen: 0.243 ug/L
RT: 10.02 min Scan# 2776
Delta R.T. 0.04 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion:105 Resp: 10212

Ion	Ratio	Lower	Upper
105	100		
120	17.1	20.6	30.8#
77	9.3	13.8	20.6#

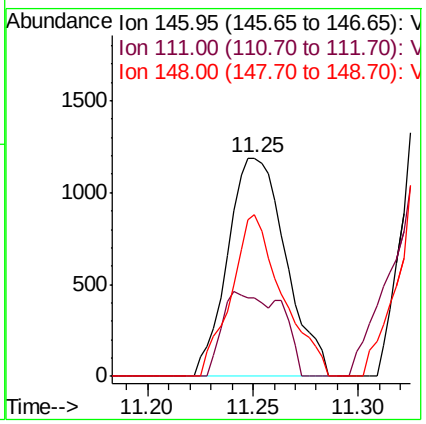




#62
1,3-Dichlorobenzene
Concen: 0.109 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.03 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion:146 Resp: 2281

Ion	Ratio	Lower	Upper
146	100		
111	35.9	28.4	52.8
148	73.9	42.8	79.6



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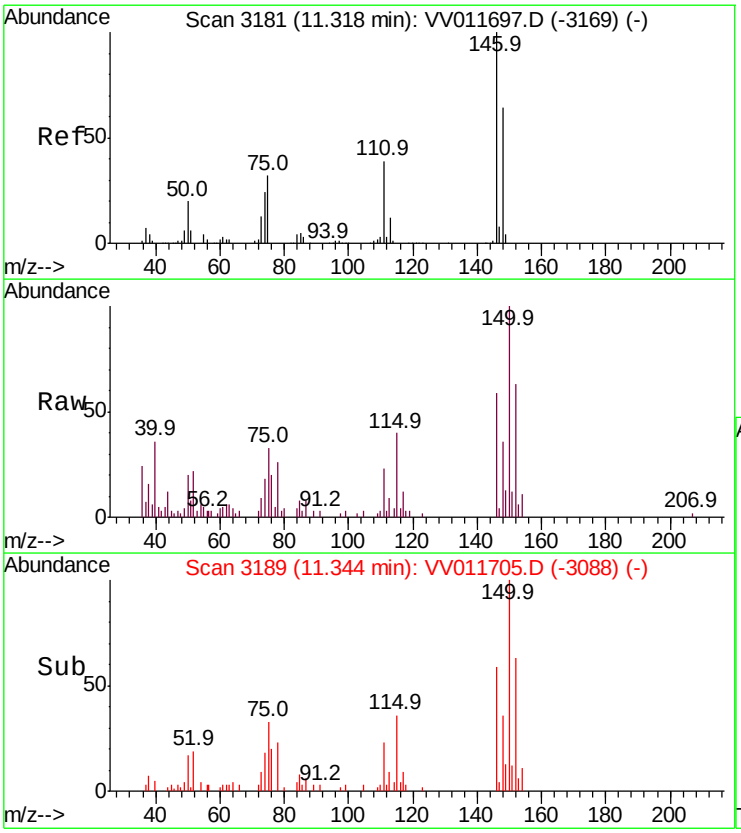
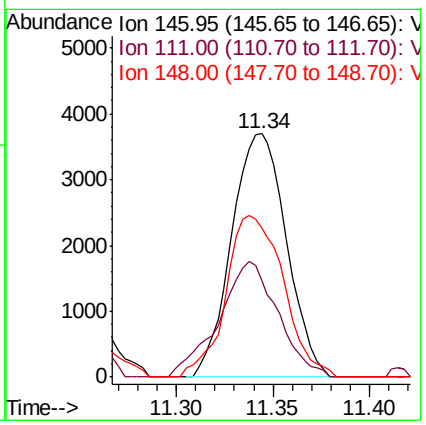
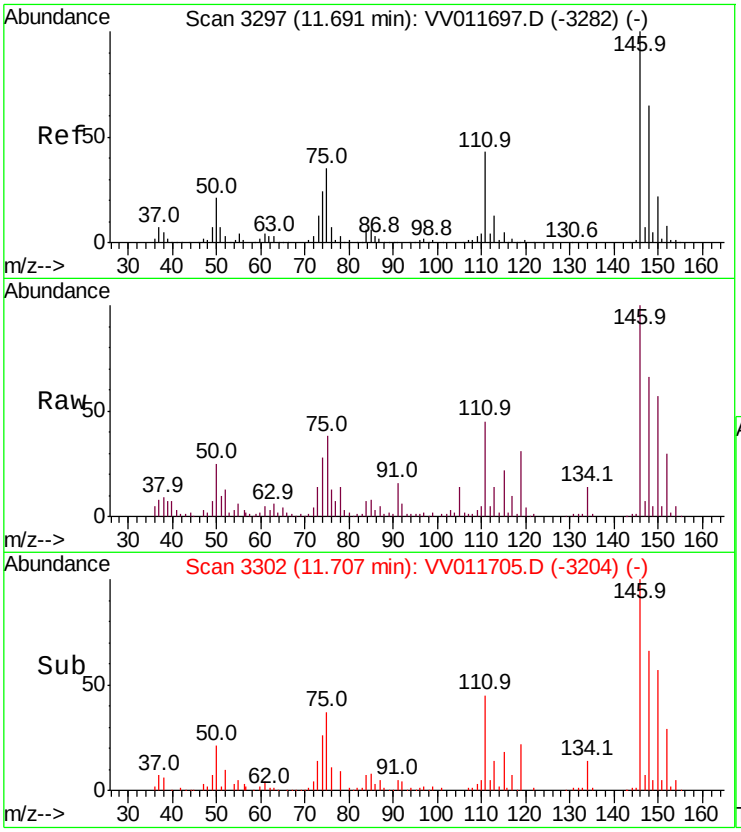


#63
1,4-Dichlorobenzene
Concen: 0.337 ug/L
RT: 11.34 min Scan# 3189
Delta R.T. 0.03 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion:146 Resp: 7284

Ion	Ratio	Lower	Upper
146	100		
111	39.4	27.7	51.5
148	61.3	45.1	83.9

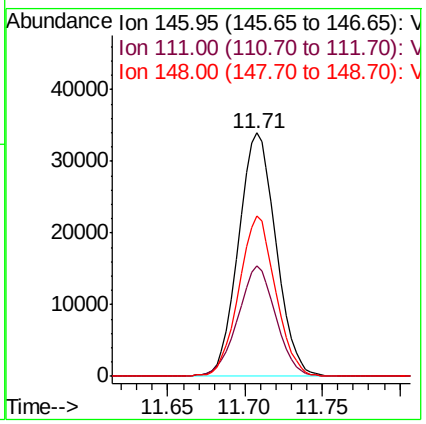




#65
1,2-Dichlorobenzene
Concen: 2.865 ug/L
RT: 11.71 min Scan# 3302
Delta R.T. 0.02 min
Lab File: VV011705.D
Acq: 22 Jun 2019 00:53

Tgt Ion:146 Resp: 57185

Ion	Ratio	Lower	Upper
146	100		
111	45.2	34.5	51.7
148	65.7	49.8	74.8



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