Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013222.D
Acq On : 19 Oct 2019 00:25
Operator : SY/MD
Sample : K5404-04
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AB2

Manual Integrations APPROVED
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11/1/2019 8:08:19 AM

Quant Time: Nov 01 04:16:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 04:09:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	439009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	484981	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232733	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	188885	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.58	69	161205	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.13	63	216194	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.00%			
20) 2-Butanone-d5	3.97	46	434651	46.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.72%			
24) Chloroform-d	4.40	84	397601	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.08	65	193860	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
32) Benzene-d6	5.09	84	772240	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.12	67	244509	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	7.36	98	625999	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.00%			
43) trans-1,3-Dichloropropene-	7.66	79	71775	3.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.00%			
46) 2-Hexanone-d5	8.14	63	301353	38.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	171474	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	239394	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	6121	0.116	ug/L	95
13) Acetone	2.23	43	11797	2.597	ug/L	77
17) Methyl tert-butyl Ether	2.80	73	20907	0.221	ug/L #	91
27) 1,2-Dichloroethane	5.18	62	49204	1.020	ug/L	98
33) Benzene	5.15	78	76705m	0.393	ug/L	
42) Toluene	7.43	91	109395	0.545	ug/L	100
47) Tetrachloroethene	8.02	164	11520	0.260	ug/L	95
52) Ethylbenzene	9.05	91	16989	0.081	ug/L	96
53) m,p-xylene	9.18	106	21824	0.276	ug/L	90
54) o-xylene	9.59	106	10543	0.137	ug/L	98

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

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Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Manual Integrations APPROVED
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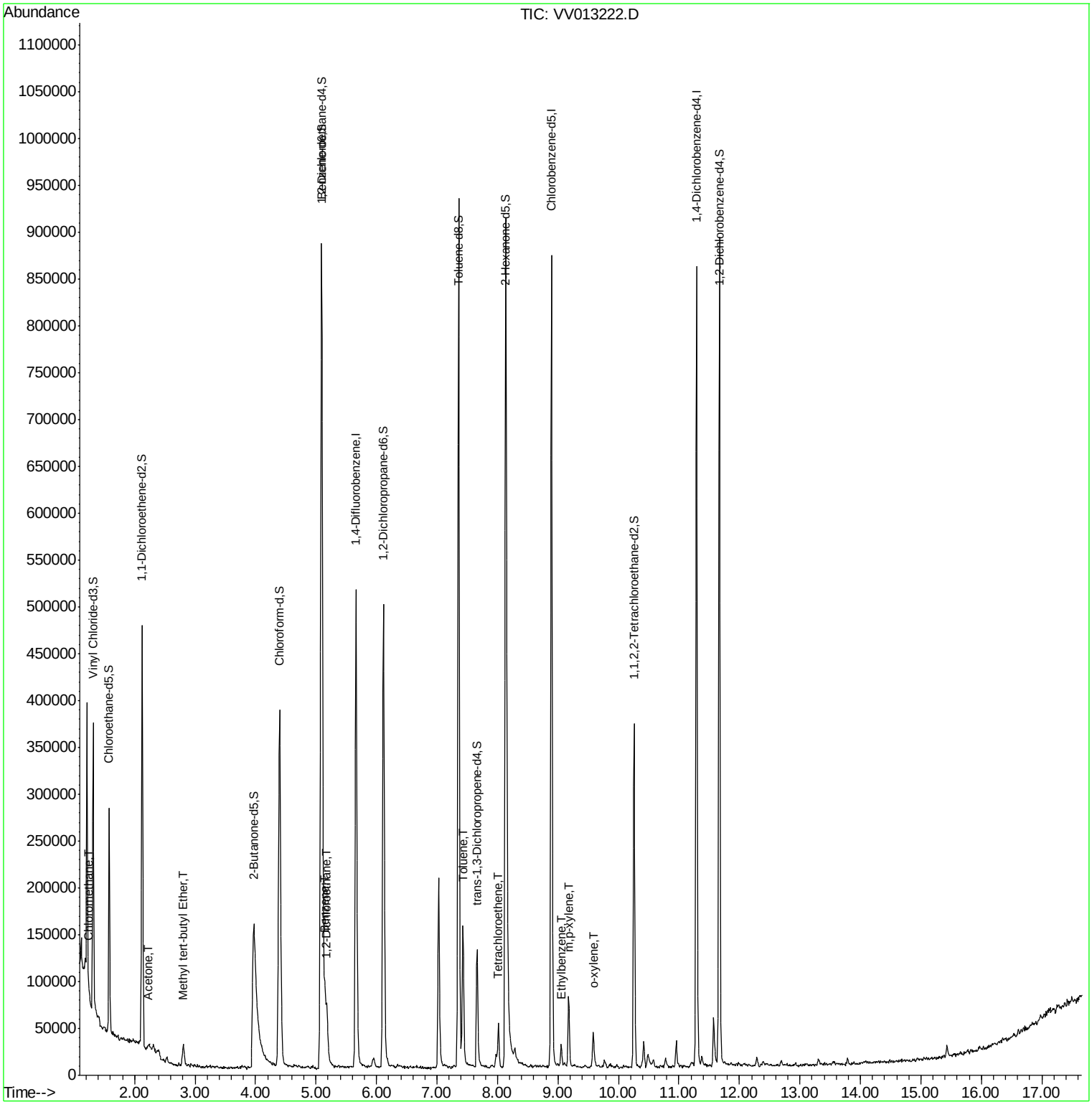
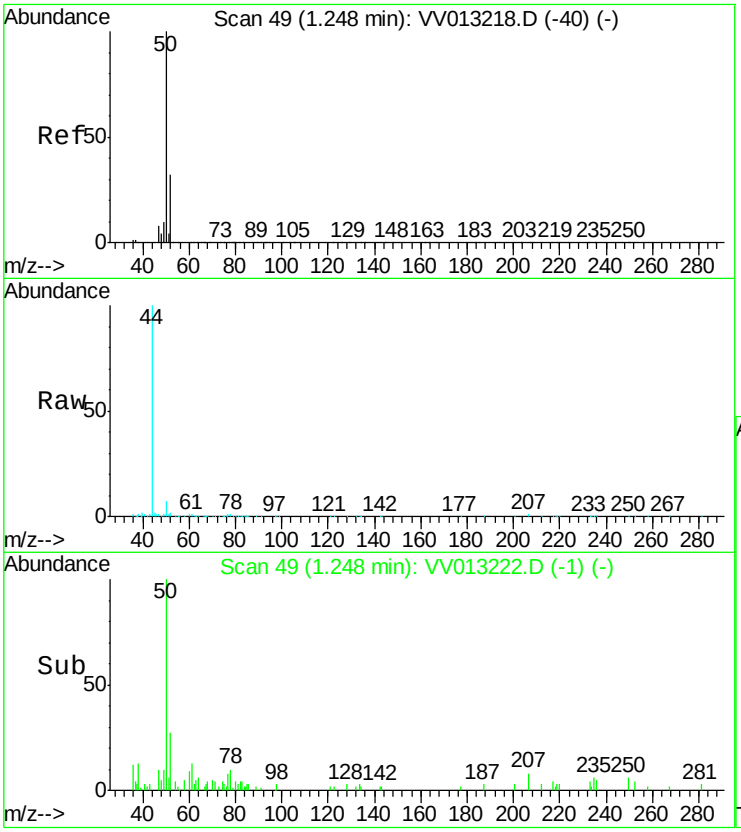
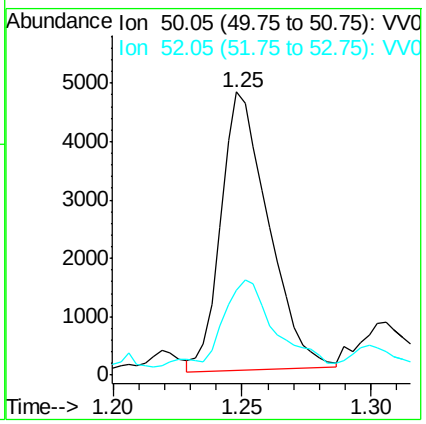




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 50 Resp: 6121

Ion	Ratio	Lower	Upper
50	100		
52	30.2	23.0	42.8



Instrument :
MSVOA_V
ClientSampleId :
C0AB2

Manual Integrations APPROVED
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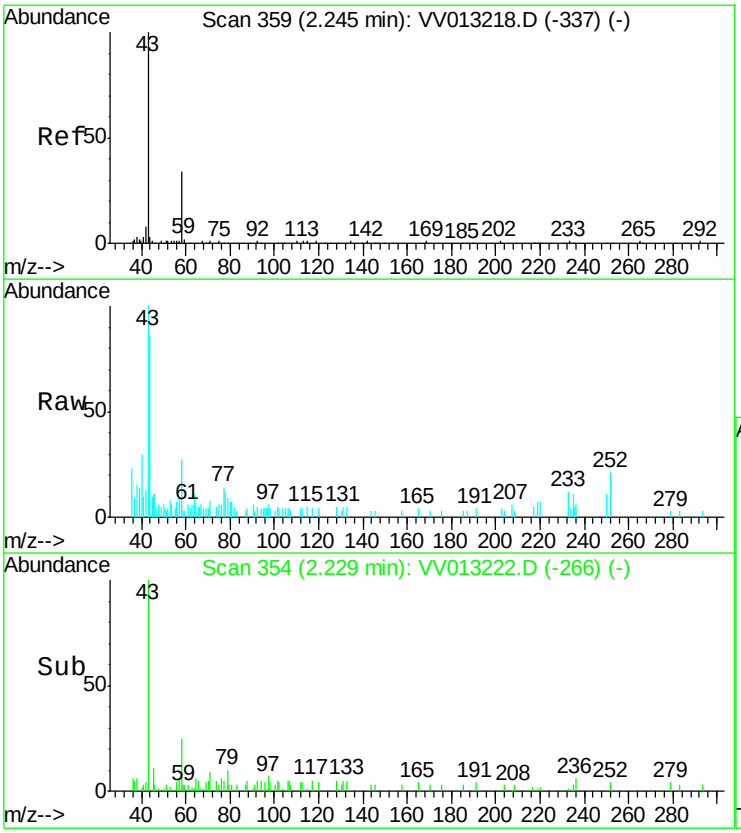
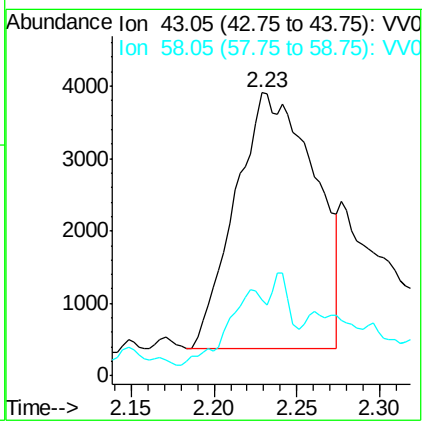
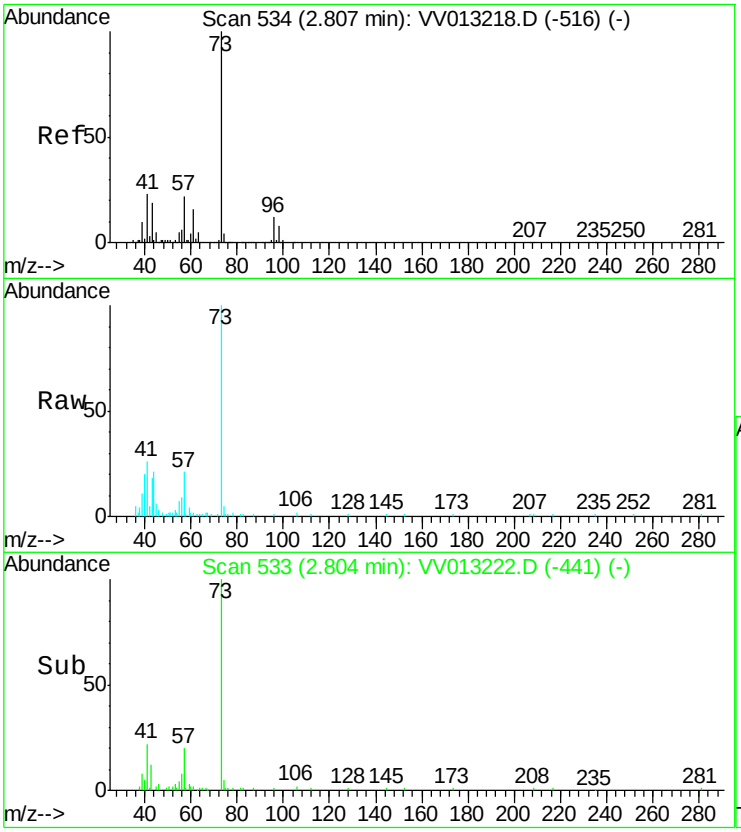


#13
Acetone
Concen: 2.597 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.02 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 43 Resp: 11797

Ion	Ratio	Lower	Upper
43	100		
58	14.2	0.0	52.4

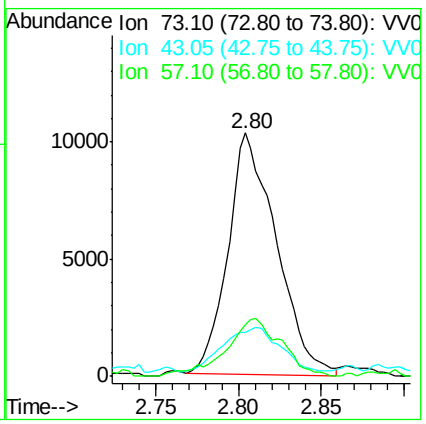




#17
Methyl tert-butyl Ether
Concen: 0.221 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 73 Resp: 20907

Ion	Ratio	Lower	Upper
73	100		
43	21.3	14.6	22.0
57	27.4	17.8	26.8#



Instrument :
MSVOA_V
ClientSampleId :
C0AB2

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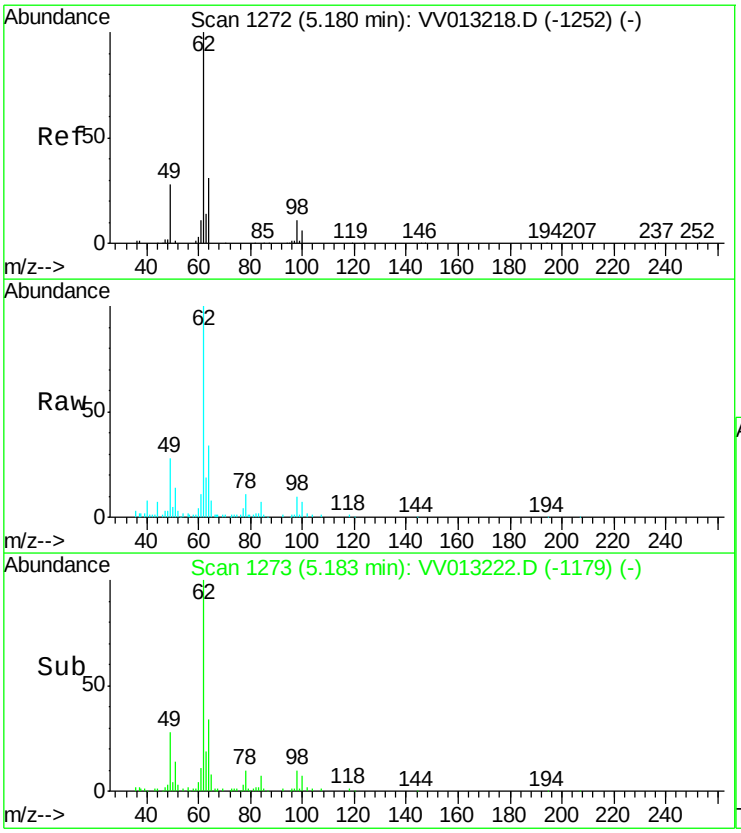
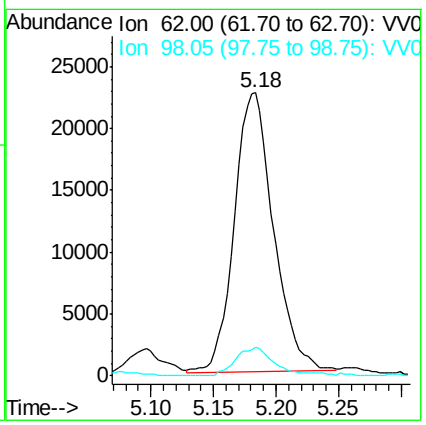
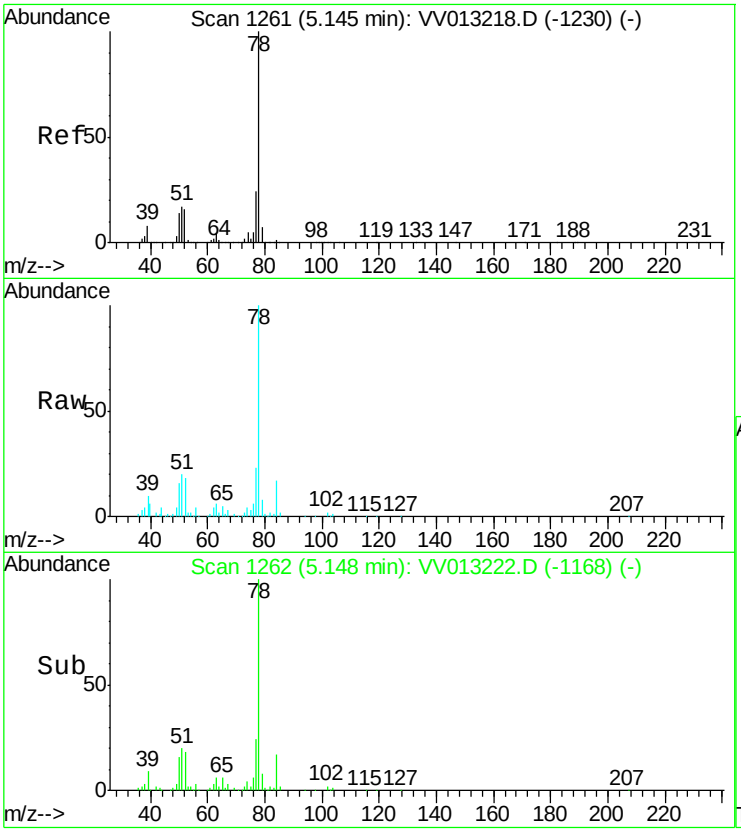


#27
1,2-Dichloroethane
Concen: 1.020 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 62 Resp: 49204

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.4	11.2





#33
Benzene
Concen: 0.393 ug/L m
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 78 Resp: 76705

Instrument :
MSVOA_V
ClientSampleId :
C0AB2

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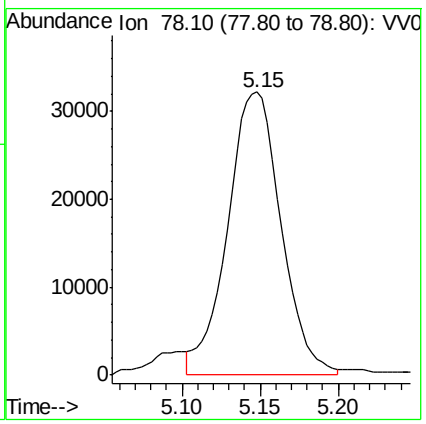
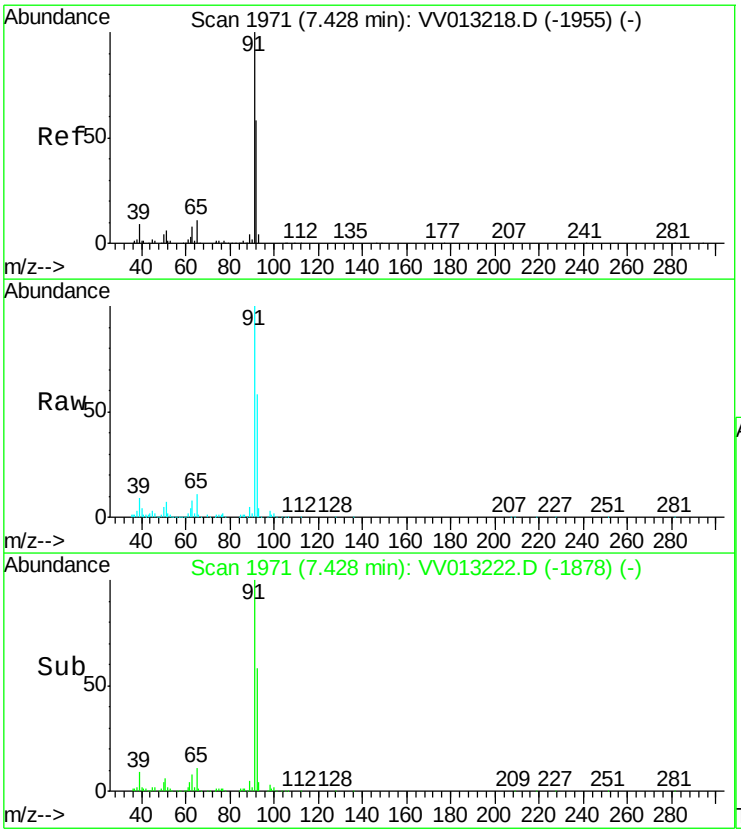
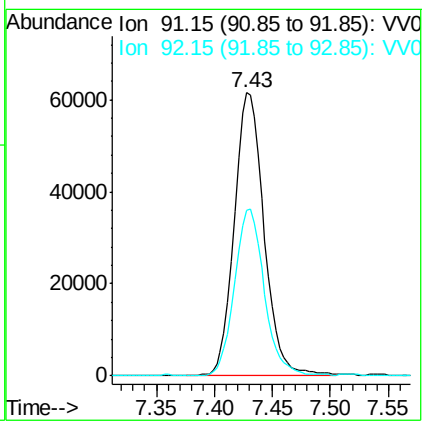


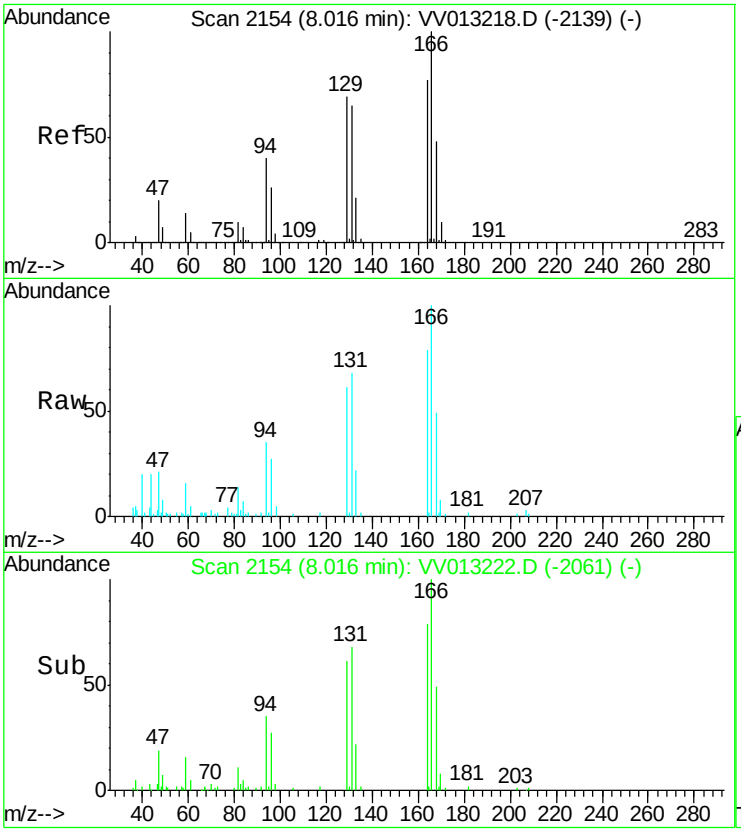


#42
Toluene
Concen: 0.545 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 91 Resp: 109395

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.2	76.4

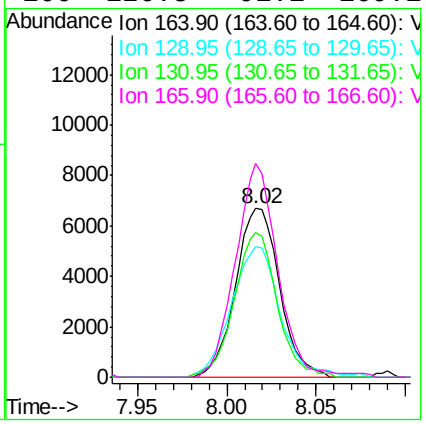




#47
Tetrachloroethene
Concen: 0.260 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion:164 Resp: 11520

Ion	Ratio	Lower	Upper
164	100		
129	77.5	62.2	115.4
131	85.9	59.9	111.3
166	126.8	91.1	169.1



Instrument :
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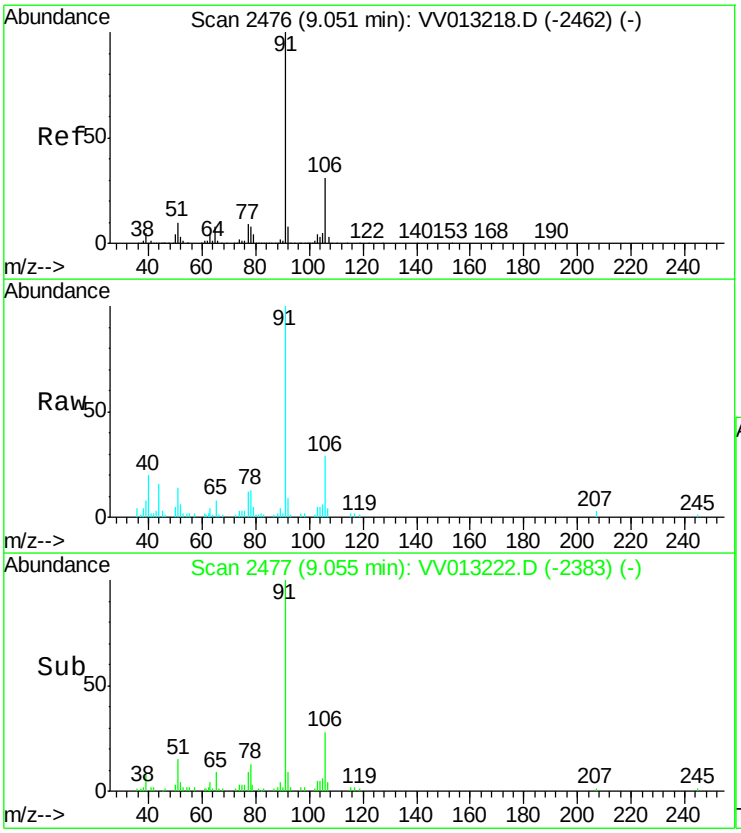
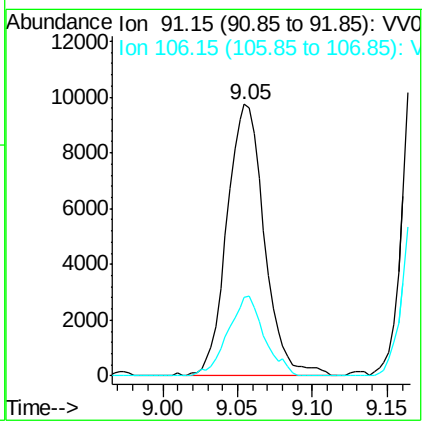
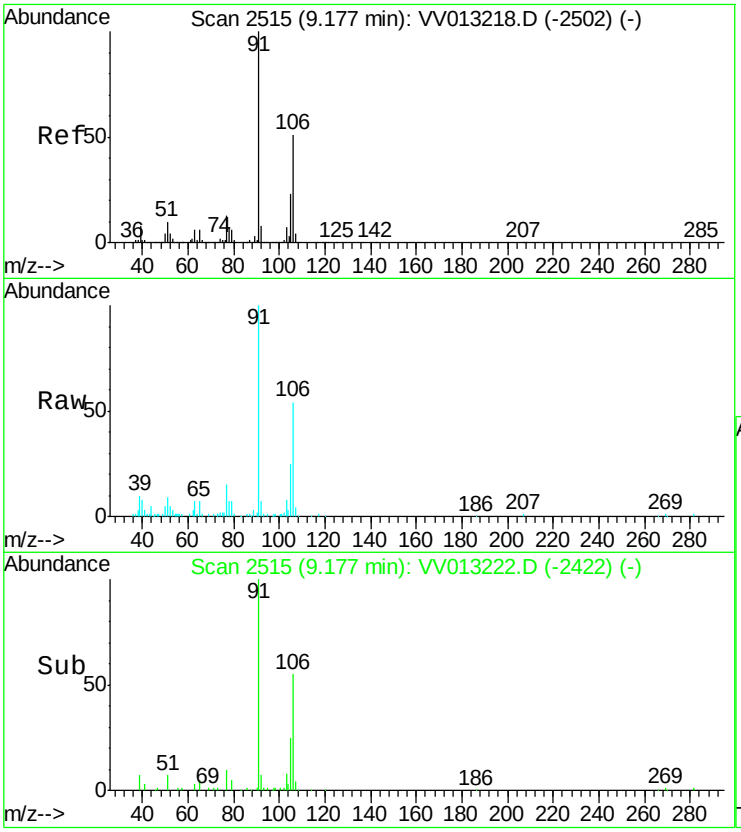


#52
Ethylbenzene
Concen: 0.081 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion: 91 Resp: 16989

Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.0	40.8

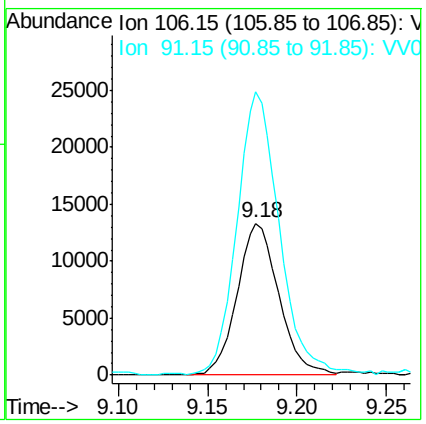




#53
m,p-xylene
Concen: 0.276 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion:106 Resp: 21824

Ion	Ratio	Lower	Upper
106	100		
91	186.8	141.3	262.5



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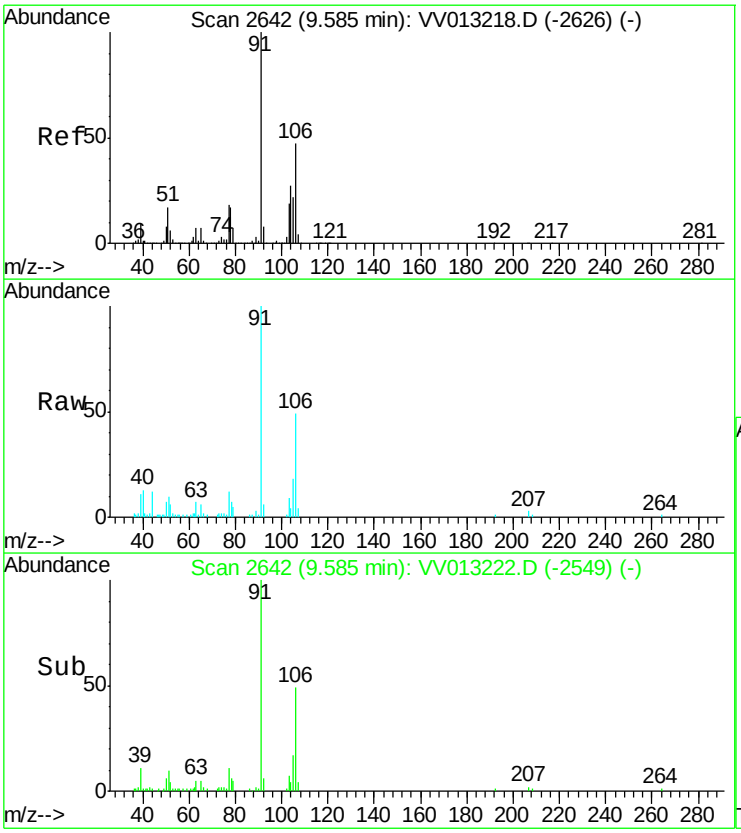

#54
o-xylene
Concen: 0.137 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013222.D
Acq: 19 Oct 2019 00:25

Tgt Ion:106 Resp: 10543

Ion	Ratio	Lower	Upper
106	100		
91	204.9	145.3	269.9