Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
Data File : VW006407.D
Acq On : 26 Oct 2018 15:14
Operator : SY/AP
Sample : J5635-26
Misc : 4.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
sam
10/29/2018 4:23:31 PM

Quant Time: Oct 27 01:19:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	294624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211978	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	36371m	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	65147	19.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.44%			
7) Chloroethane-d5	2.89	69	66158	23.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.52%			
10) 1,1-Dichloroethene-d2	4.01	63	97283	15.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.00%			
20) 2-Butanone-d5	7.09	46	47589	43.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.42%			
24) Chloroform-d	7.65	84	149921	23.49	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.96%			
26) 1,2-Dichloroethane-d4	8.31	65	83616	23.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%			
29) Benzene-d6	8.27	84	291158	30.25	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 121.00%			
33) 1,2-Dichloropropane-d6	9.27	67	85017	29.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.08%			
37) Toluene-d8	10.33	98	254430	26.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.76%			
38) trans-1,3-Dichloropropene-	10.58	79	30175	21.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.52%			
39) 2-Hexanone-d5	10.93	63	37775	53.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.64%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45947	16.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 65.08%			
61) 1,2-Dichlorobenzene-d4	13.86	152	24413	19.58	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.32%			
Target Compounds						Qvalue
13) Acetone	4.14	43	17490	15.719	ug/L	97
14) Carbon disulfide	4.37	76	14294	1.293	ug/L #	95
21) 2-Butanone	7.19	43	4368	2.954	ug/L	76
34) Benzene	8.33	78	16991	1.561	ug/L	100
36) Methylcyclohexane	9.34	83	3377	0.602	ug/L	94
44) Toluene	10.39	91	19522	1.598	ug/L	97
52) Chlorobenzene	11.66	112	38063	4.603	ug/L	98
53) Ethylbenzene	11.74	91	31626	2.223	ug/L	98
54) m,p-Xylene	11.84	106	45279	8.120	ug/L	96
55) o-xylene	12.17	106	66222	12.438	ug/L	98
57) Isopropylbenzene	12.47	105	658978	44.484	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	510642	228.623	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	3036971	1350.236	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	107062	52.105	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	16273	10.600	ug/L #	95

Quantitation Report (LSC Reviewed)

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Operator : SY/AP
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Misc : 4.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Oct 27 01:19:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
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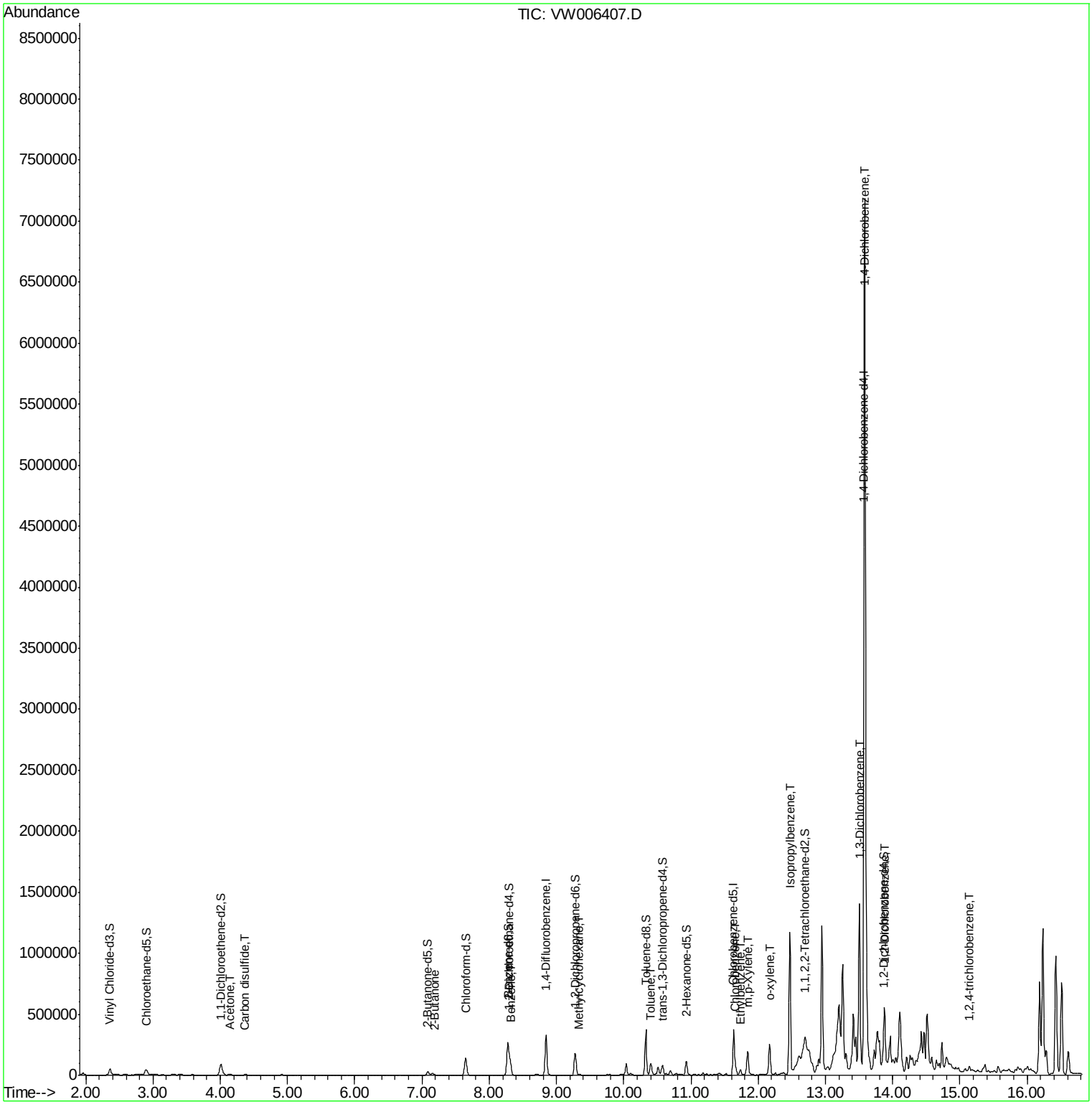

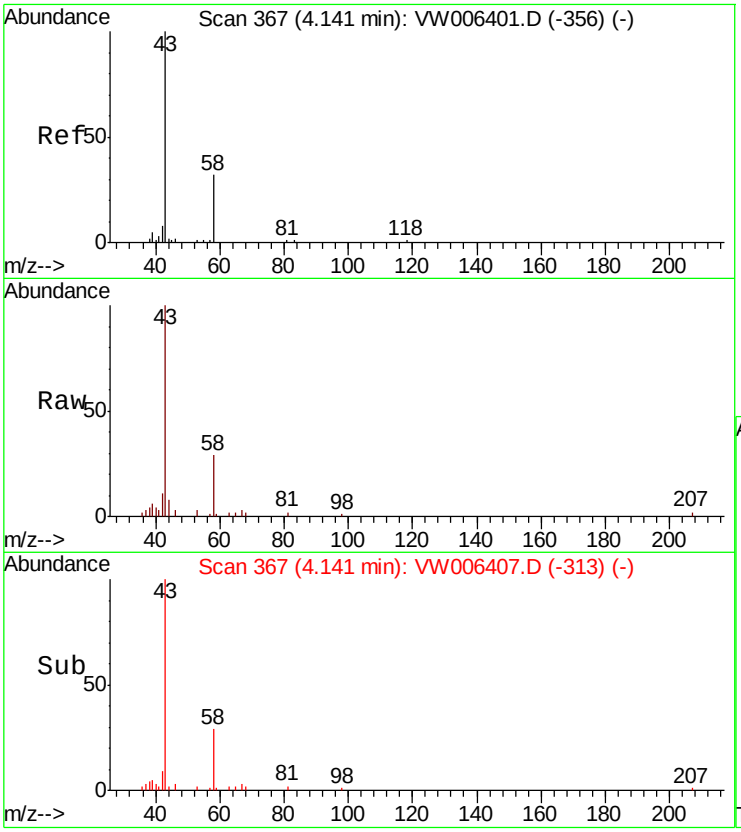

#13
Acetone
Concen: 15.719 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 43 Resp: 17490

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	61.2

Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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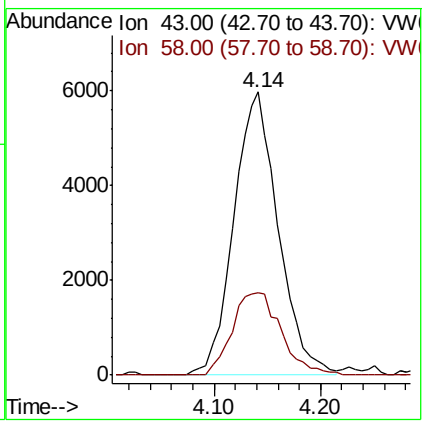
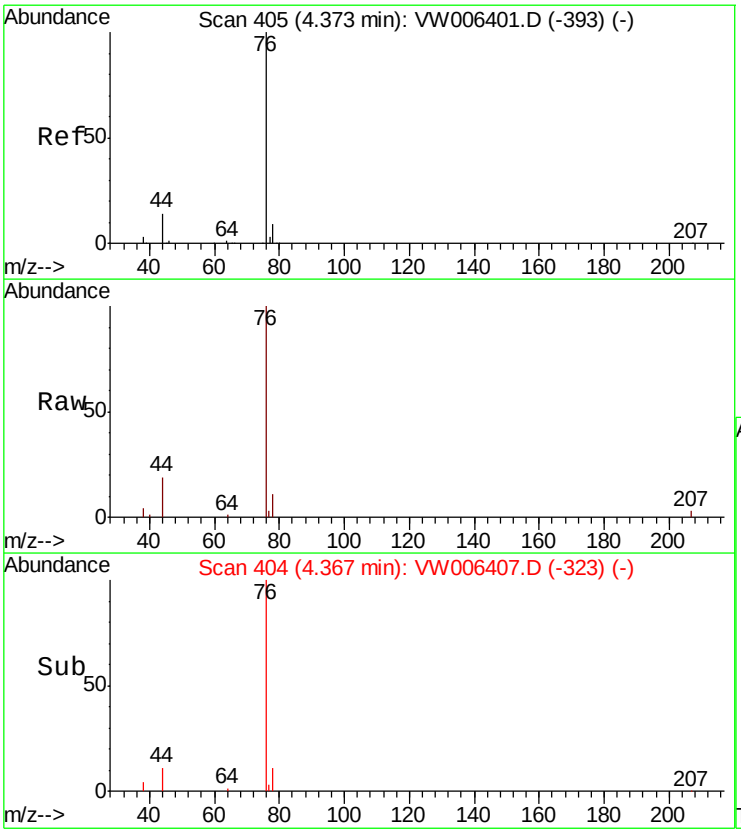
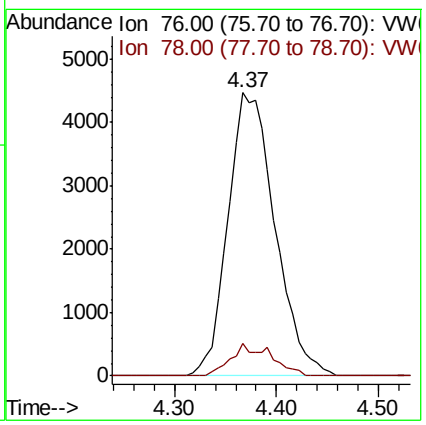


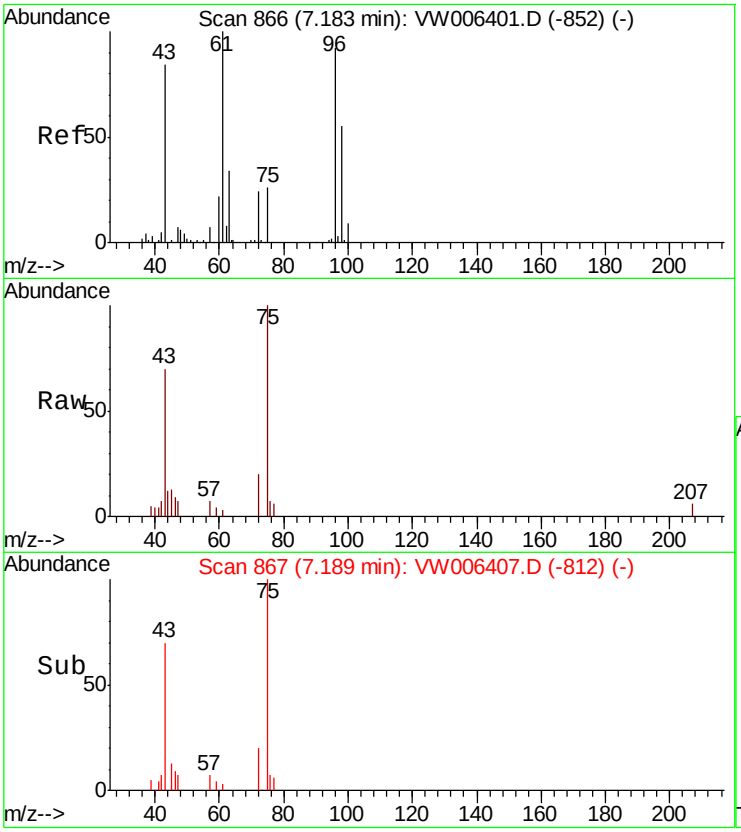


#14
Carbon disulfide
Concen: 1.293 ug/L
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 76 Resp: 14294

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.6	11.4#

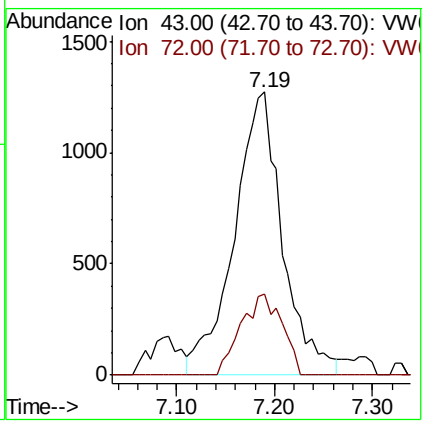




#21
2-Butanone
Concen: 2.954 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 43 Resp: 4368

Ion	Ratio	Lower	Upper
43	100		
72	15.2	13.8	41.4



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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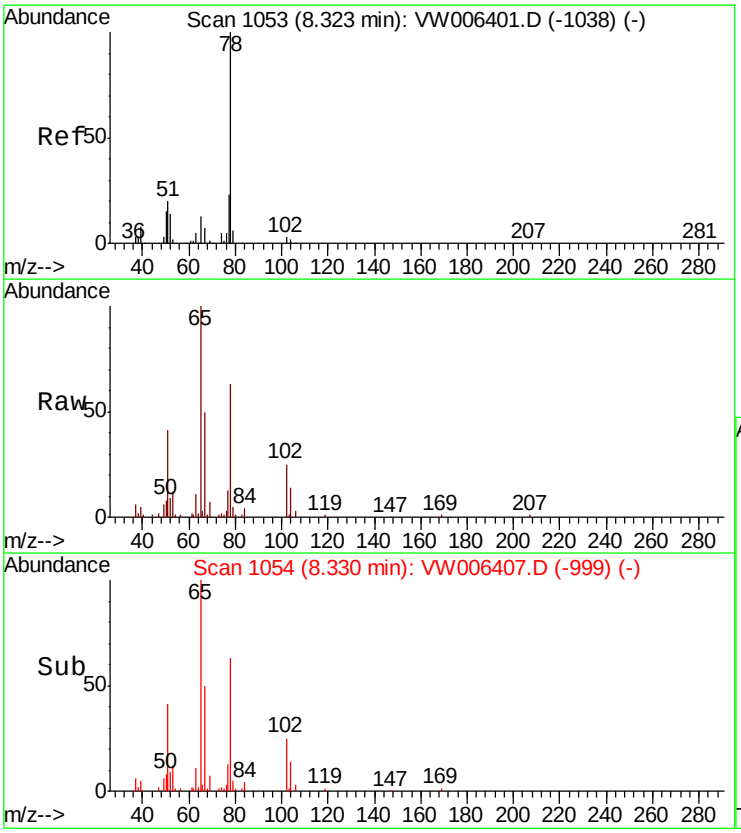
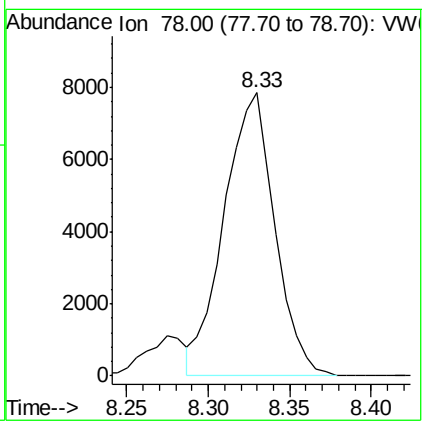
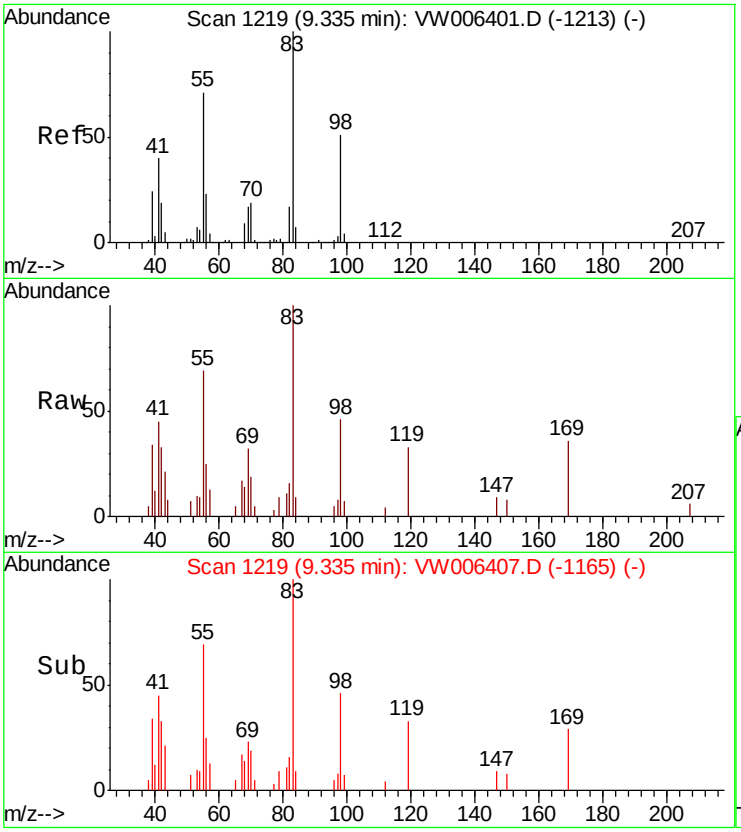


#34
Benzene
Concen: 1.561 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 78 Resp: 16991

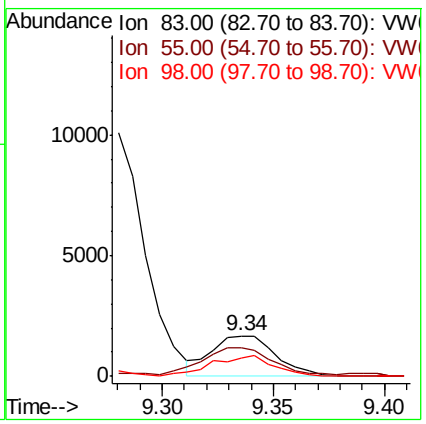




#36
Methylcyclohexane
Concen: 0.602 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 83 Resp: 3377

Ion	Ratio	Lower	Upper
83	100		
55	79.3	57.1	85.7
98	49.6	38.9	58.3



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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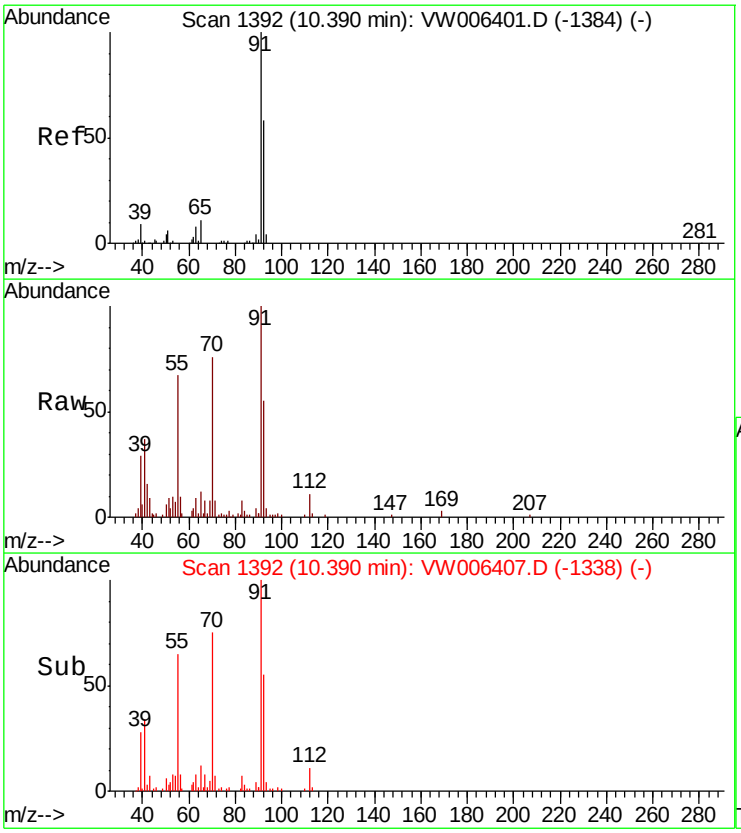
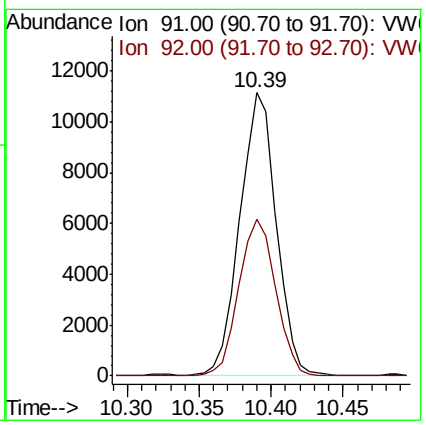
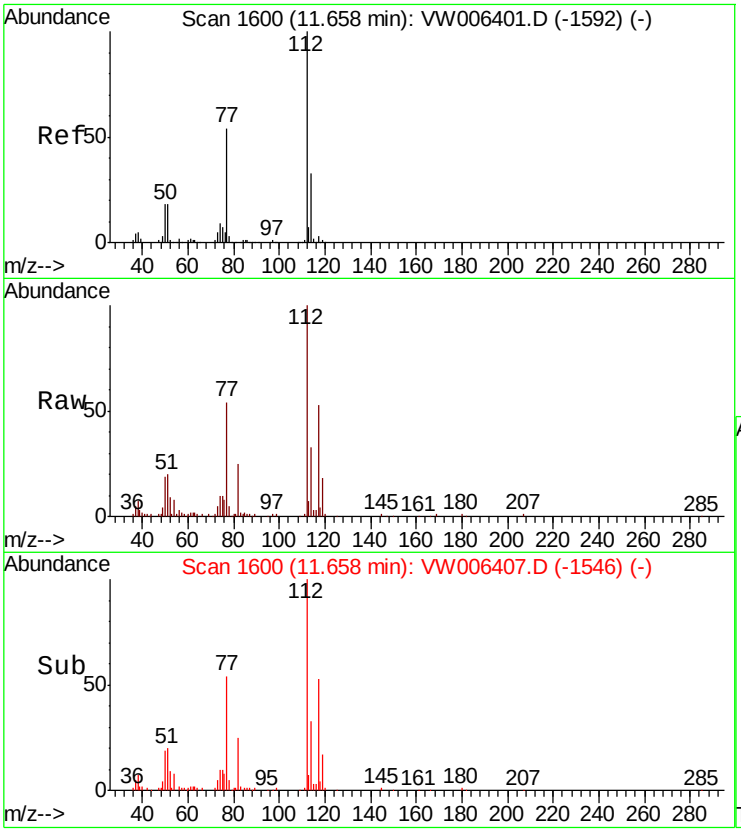


#44
Toluene
Concen: 1.598 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 91 Resp: 19522

Ion	Ratio	Lower	Upper
91	100		
92	55.3	40.4	75.0

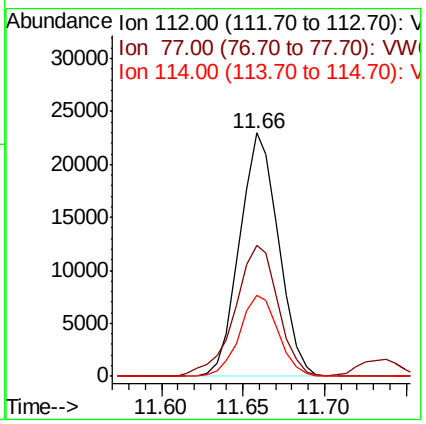




#52
Chlorobenzene
Concen: 4.603 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:112 Resp: 38063

Ion	Ratio	Lower	Upper
112	100		
77	54.0	44.2	66.2
114	33.2	22.1	41.1



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
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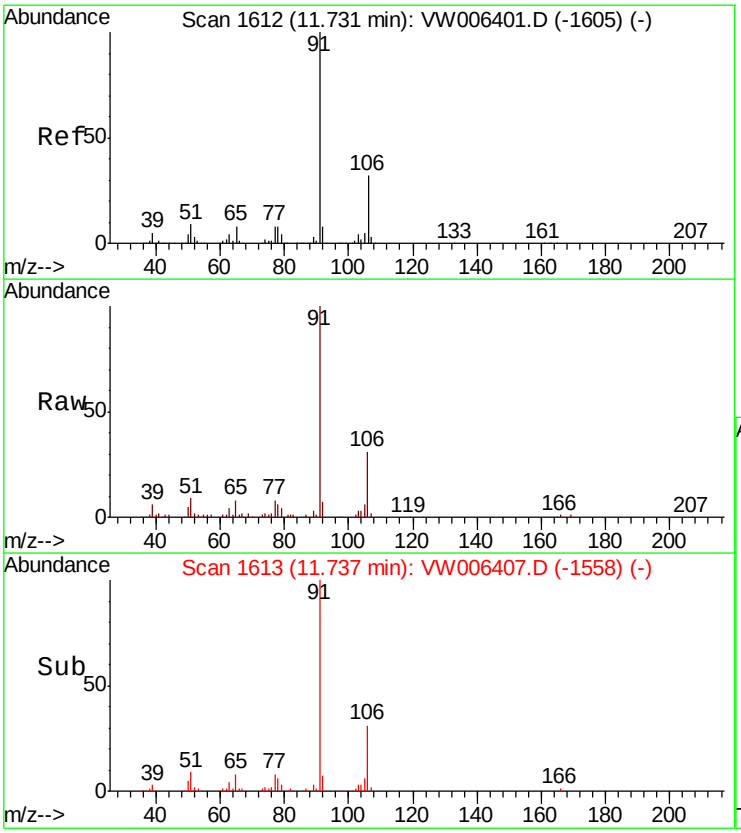
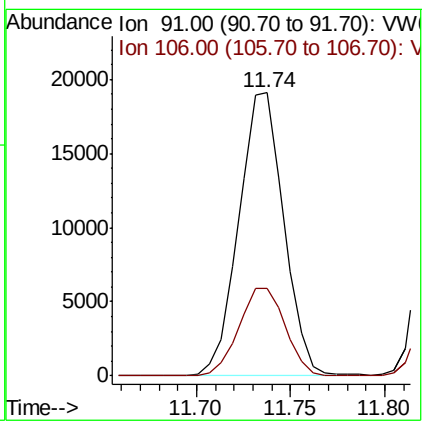
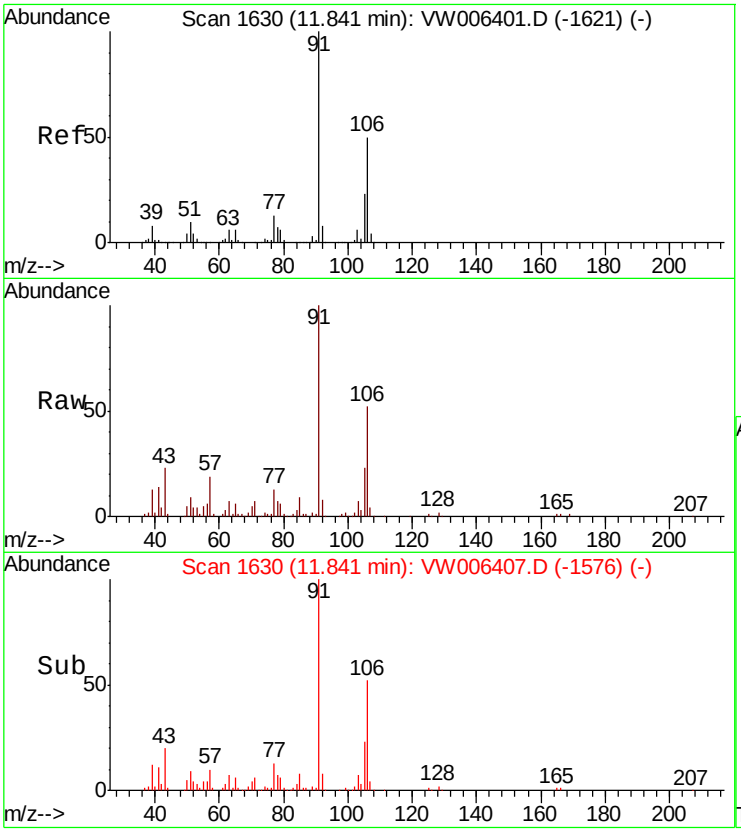


#53
Ethylbenzene
Concen: 2.223 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion: 91 Resp: 31626

Ion	Ratio	Lower	Upper
91	100		
106	30.9	22.6	42.0





#54
m,p-Xylene
Concen: 8.120 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:106 Resp: 45279

Ion	Ratio	Lower	Upper
106	100		
91	191.3	138.4	257.0

Instrument :
MSVOA_W
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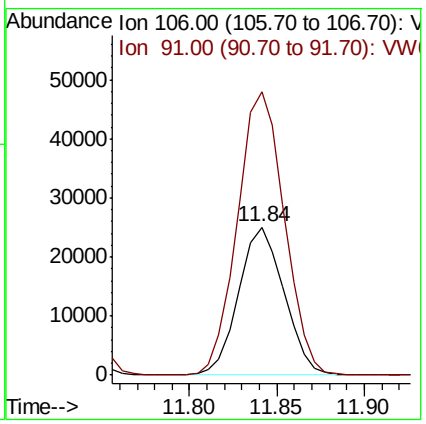
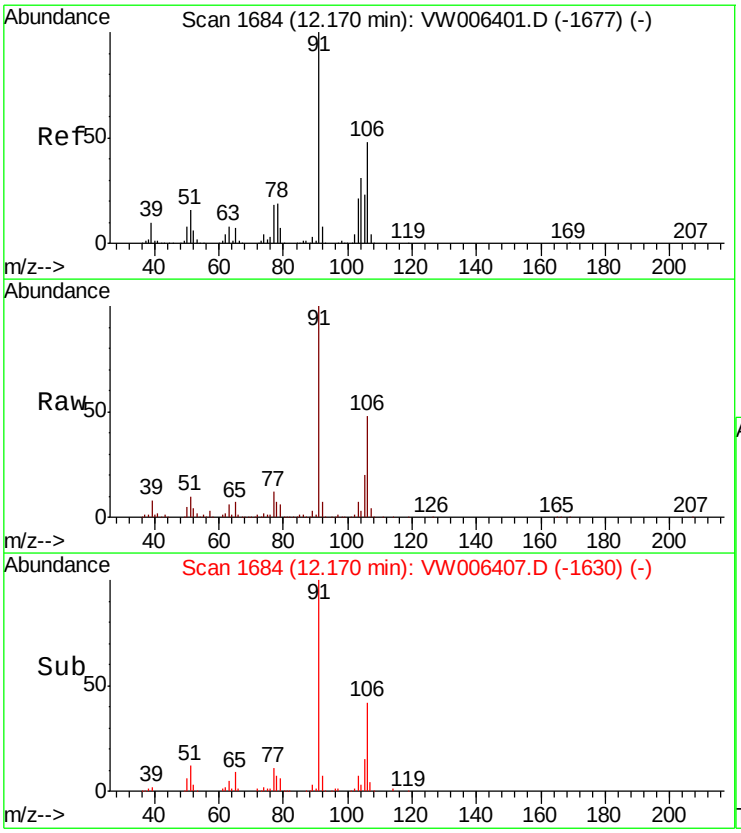
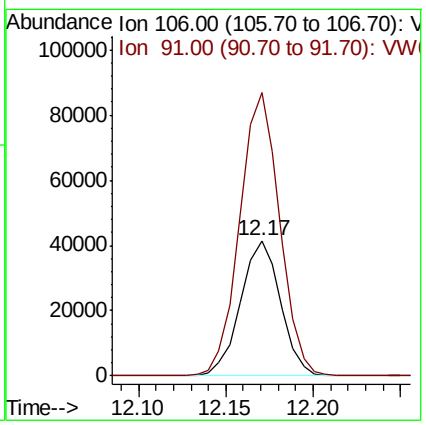


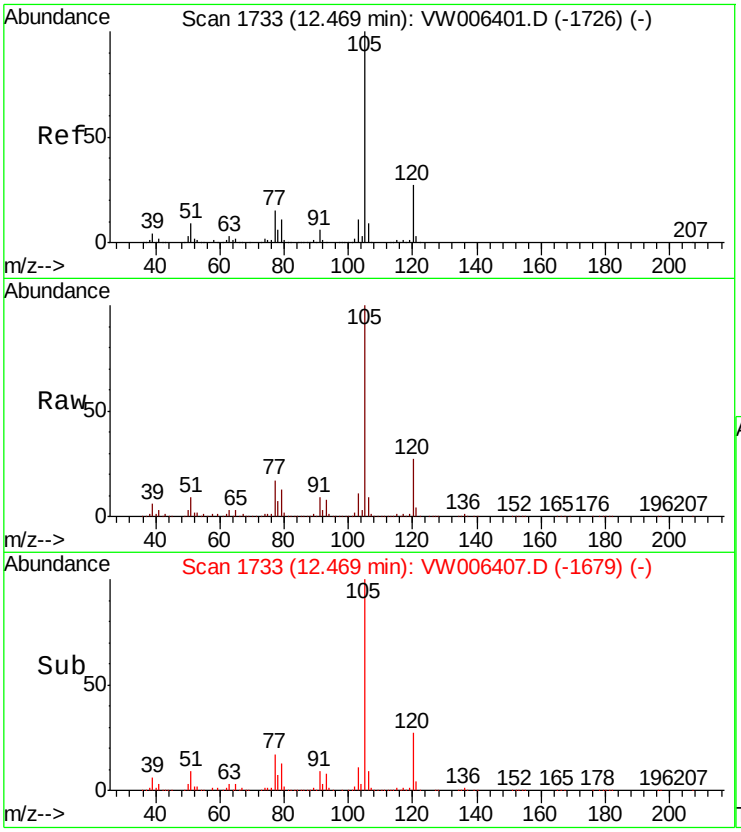


#55
o-xylene
Concen: 12.438 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:106 Resp: 66222

Ion	Ratio	Lower	Upper
106	100		
91	209.4	148.7	276.1

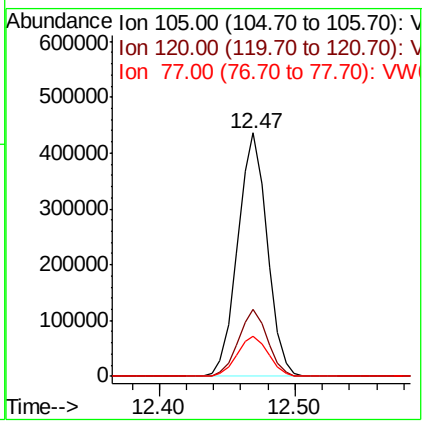




#57
Isopropylbenzene
Concen: 44.484 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:105 Resp: 658978

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.8	32.6
77	17.6	12.2	18.2



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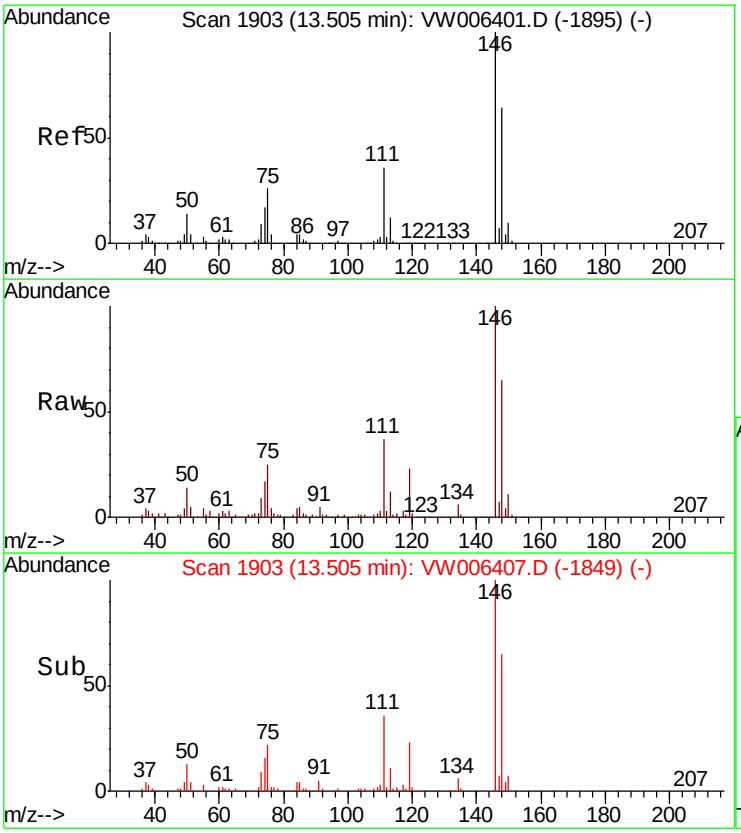
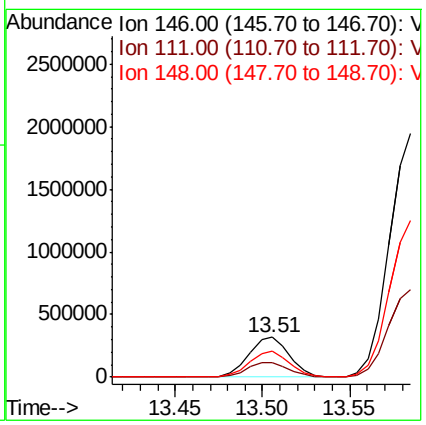
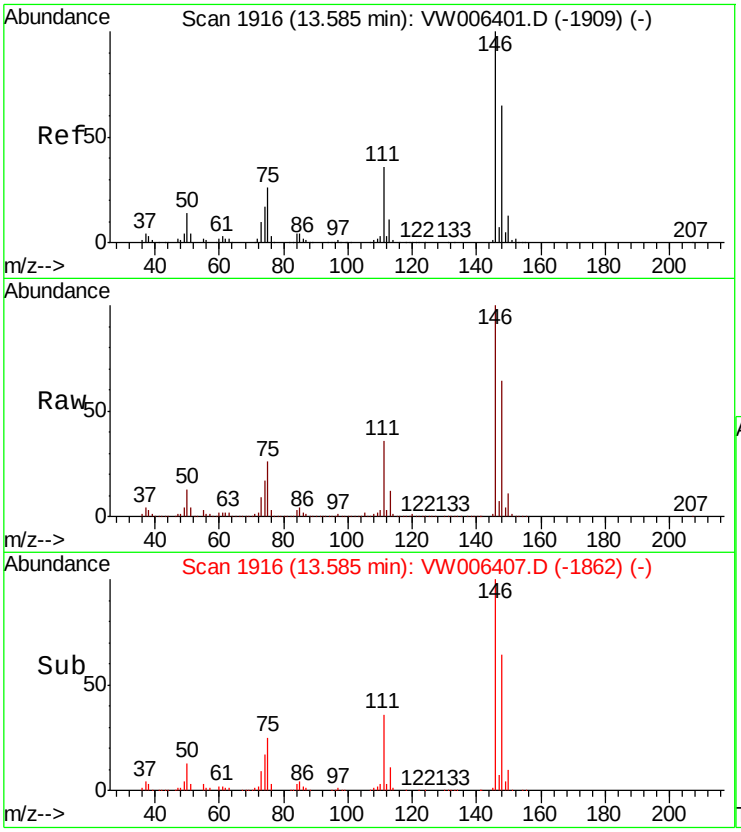


#63
1,3-Dichlorobenzene
Concen: 228.623 ug/L
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:146 Resp: 510642

Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.3	48.9
148	64.6	44.7	82.9

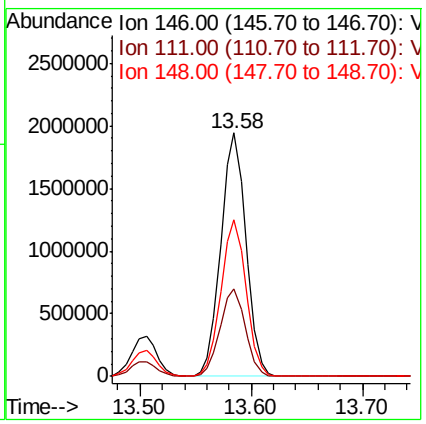




#64
1,4-Dichlorobenzene
Concen: 1350.236 ug/L
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:146 Resp: 3036971

Ion	Ratio	Lower	Upper
146	100		
111	35.8	24.7	45.9
148	64.5	44.9	83.5



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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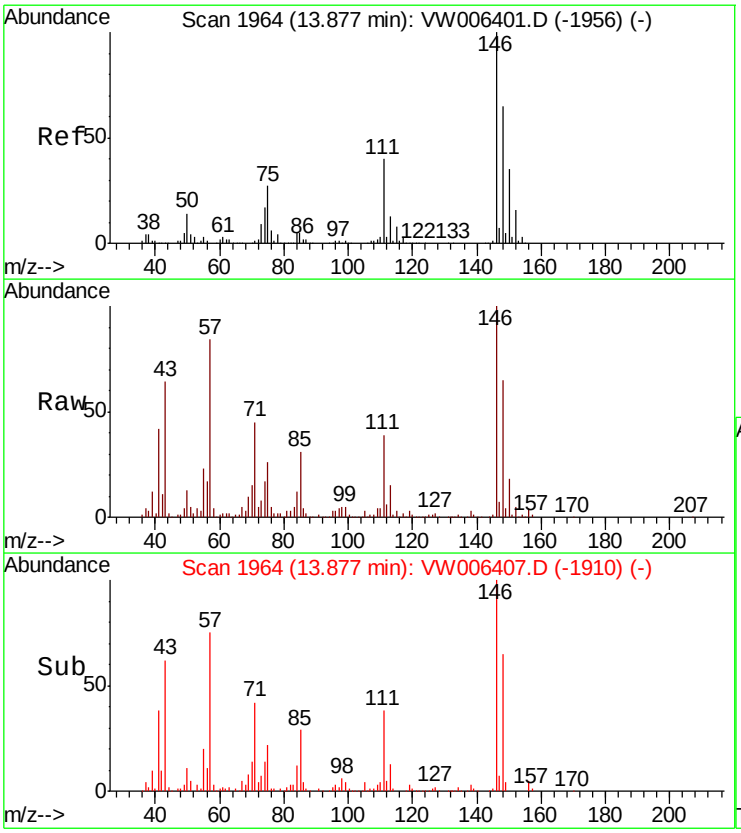
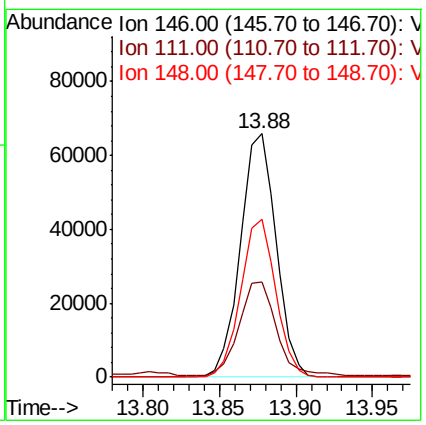
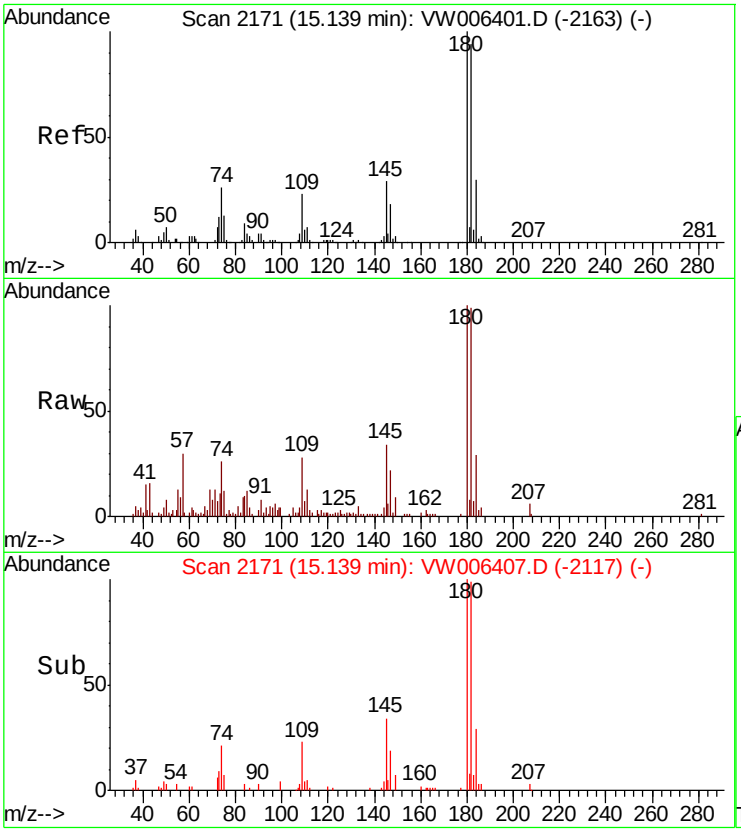


#65
1,2-Dichlorobenzene
Concen: 52.105 ug/L
RT: 13.88 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:146 Resp: 107062

Ion	Ratio	Lower	Upper
146	100		
111	38.9	31.1	46.7
148	64.7	51.2	76.8

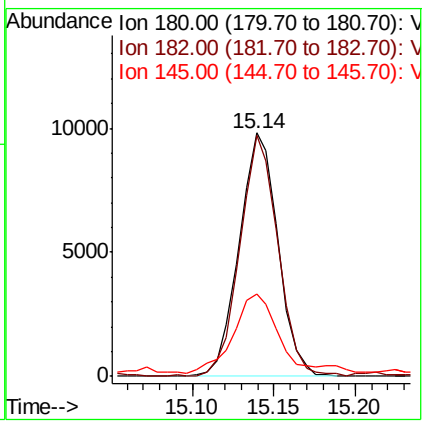




#68
1,2,4-trichlorobenzene
Concen: 10.600 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006407.D
Acq: 26 Oct 2018 15:14

Tgt Ion:180 Resp: 16273

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.2	114.2
145	37.1	23.0	34.6#



Instrument :
MSVOA_W
ClientSampleId :
A40G2

Manual Integrations APPROVED
sam
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