Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012920\

Quantitation Report (Not Reviewed)

Data File : VW014792.D
Acq On : 29 Jan 2020 13:13
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASZ8

Quant Time: Jan 30 07:08:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	878393	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	820648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	395569	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	346112	24.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.52%			
7) Chloroethane-d5	2.89	69	288741	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.72%			
10) 1,1-Dichloroethene-d2	4.01	63	425662	16.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.64%			
20) 2-Butanone-d5	7.07	46	150066	37.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 75.98%			
24) Chloroform-d	7.65	84	559578	23.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.32%			
26) 1,2-Dichloroethane-d4	8.39	65	275	0.02	ug/L	0.09
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.08%#			
29) Benzene-d6	8.27	84	1154907	22.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.44%			
33) 1,2-Dichloropropane-d6	9.27	67	358763	22.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.40%			
37) Toluene-d8	10.32	98	1024988	22.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.12%			
38) trans-1,3-Dichloropropene-	10.57	79	141710	22.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.60%			
39) 2-Hexanone-d5	10.92	63	111090	36.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.74%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	249101	19.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.08%			
61) 1,2-Dichlorobenzene-d4	13.85	152	344584	22.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.92%			

Target Compounds						Qvalue
13) Acetone	4.12	43	11140	2.633	ug/L	89
16) Methylene chloride	4.92	84	30110	2.028	ug/L	97
44) Toluene	10.38	91	96675	1.810	ug/L	99
53) Ethylbenzene	11.73	91	21488	0.368	ug/L	91
54) m,p-Xylene	11.84	106	85009	3.897	ug/L	98
55) o-xylene	12.16	106	114563	5.597	ug/L	100
56) Styrene	12.18	104	105496	3.039	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.47	75	19126	10.039	ug/L #	2
69) Naphthalene	15.36	128	19179510	755.425	ug/L #	91

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012920\

Quantitation Report (Not Reviewed)

Data File : VW014792.D
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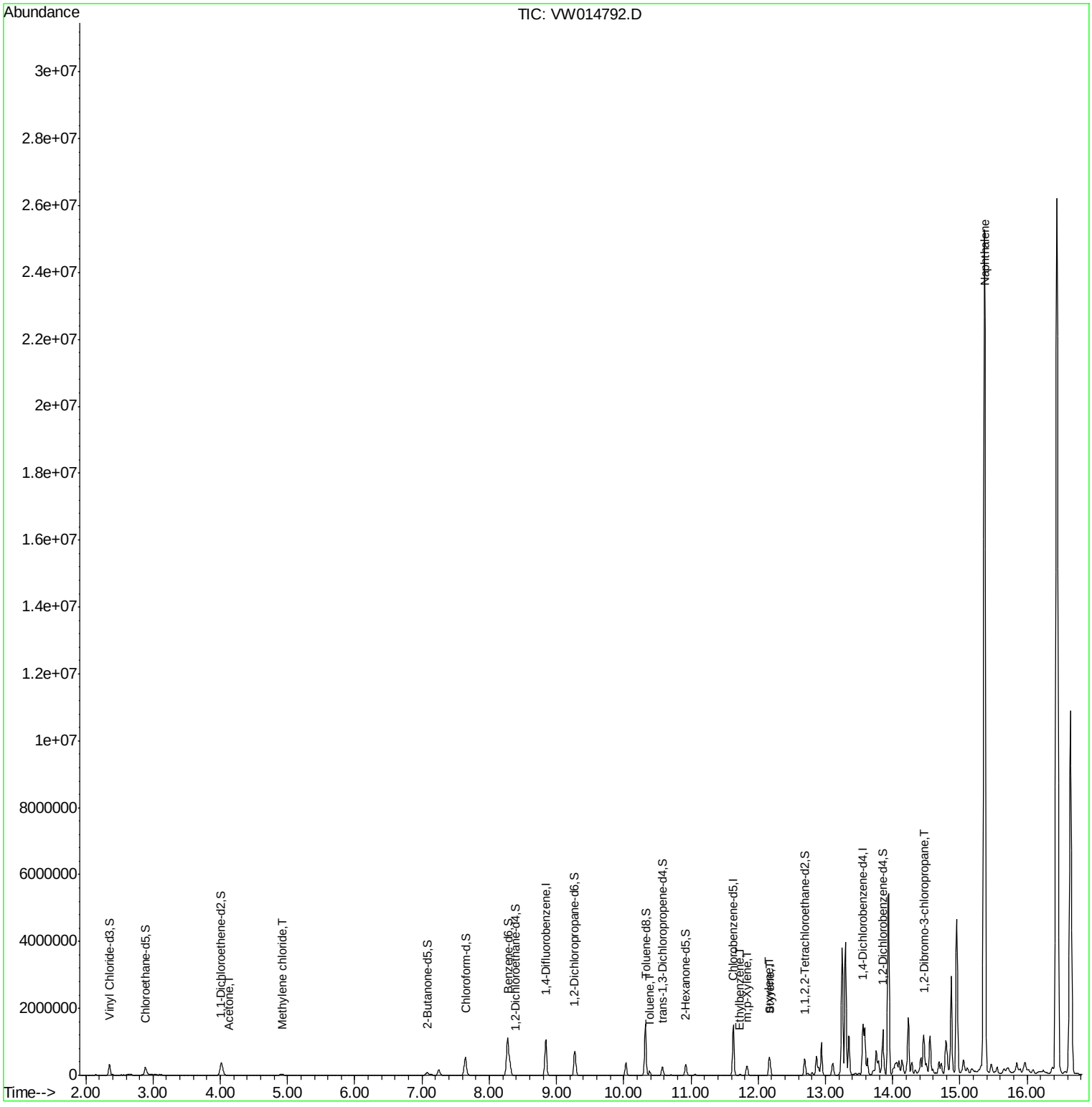
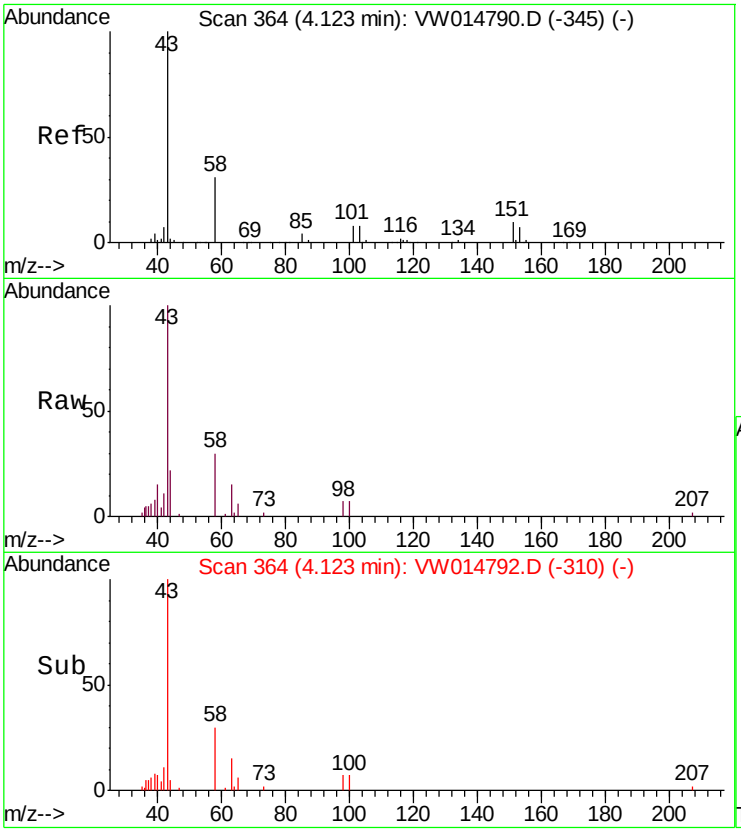
Operator : SY/VA
Sample : L1271-07
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

Quant Time: Jan 30 07:08:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration



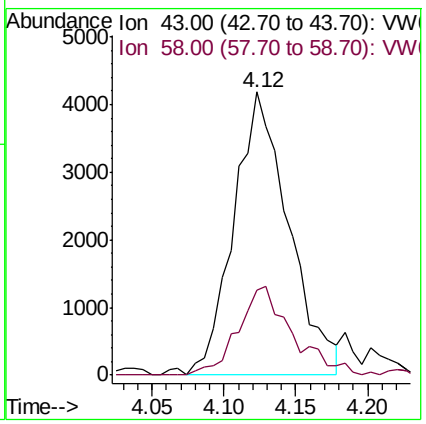


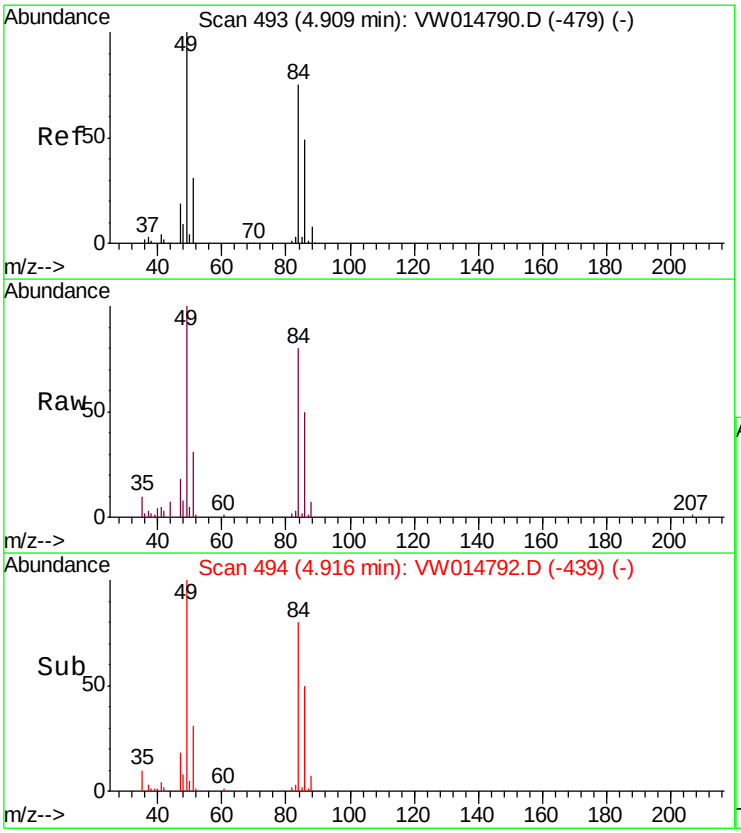
#13
Acetone
Concen: 2.633 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Instrument : MSVOA_W
ClientSampleId : GASZ8

Tgt Ion: 43 Resp: 11140

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	64.6

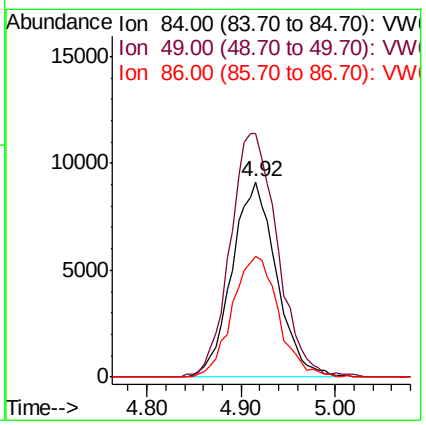


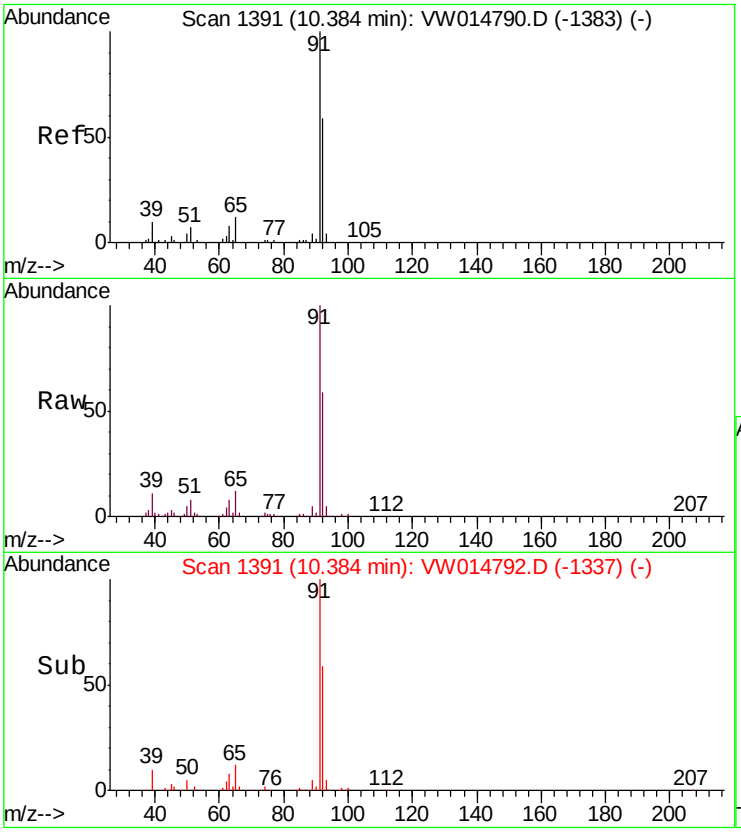


#16
Methylene chloride
Concen: 2.028 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Tgt Ion: 84 Resp: 30110

Ion	Ratio	Lower	Upper
84	100		
49	124.8	90.9	168.7
86	62.0	43.5	80.7



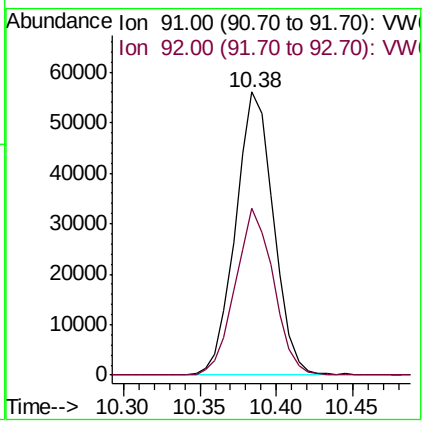


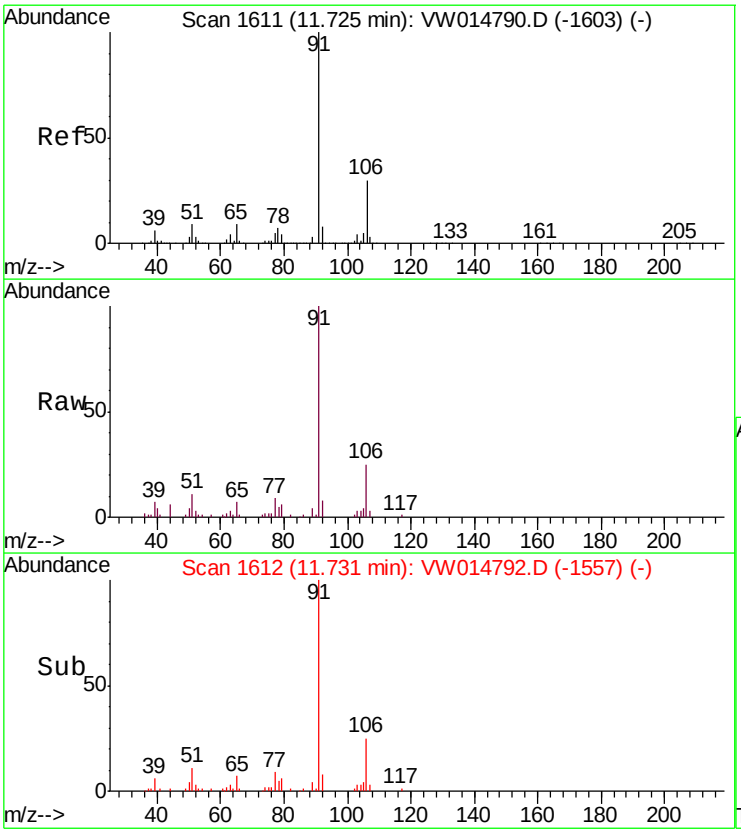
#44
Toluene
Concen: 1.810 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Instrument : MSVOA_W
ClientSampleId : GASZ8

Tgt Ion: 91 Resp: 96675

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.7	75.7

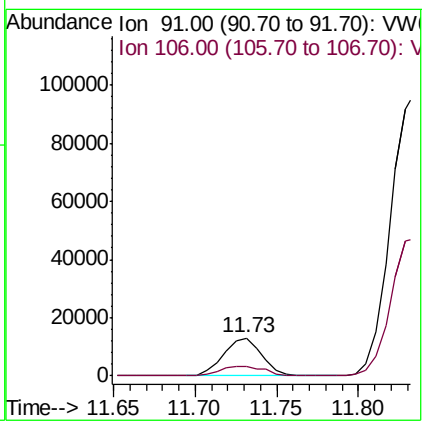


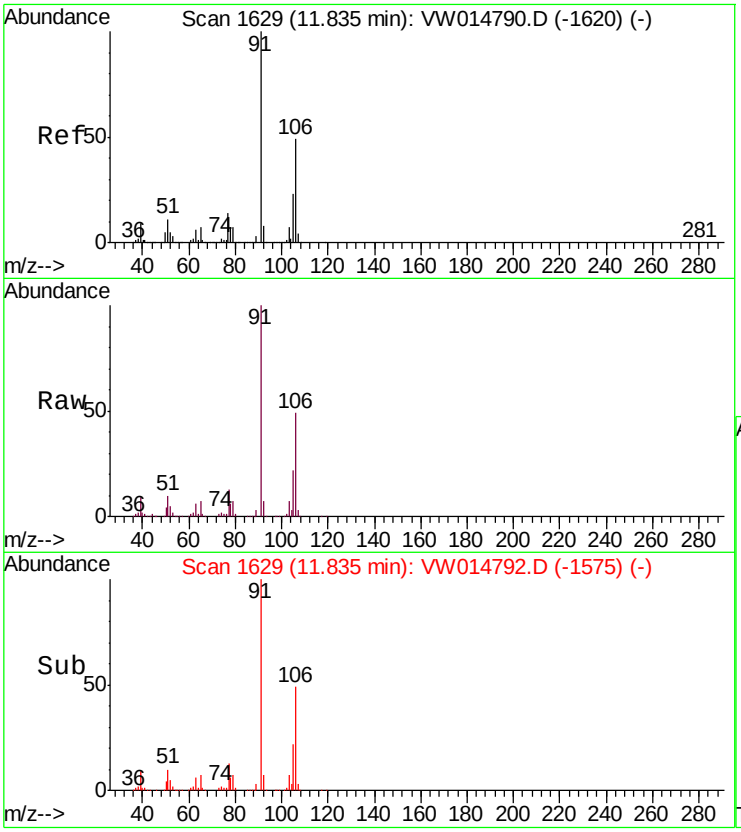


#53
Ethylbenzene
Concen: 0.368 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Tgt Ion: 91 Resp: 21488

Ion	Ratio	Lower	Upper
91	100		
106	25.4	21.1	39.3



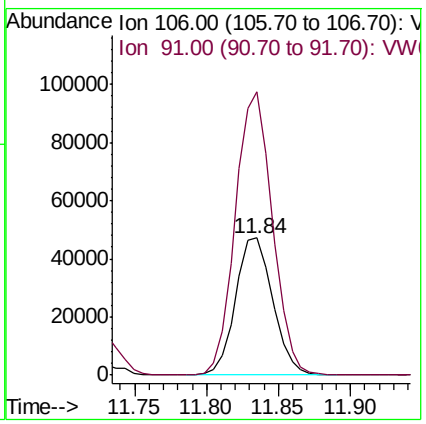


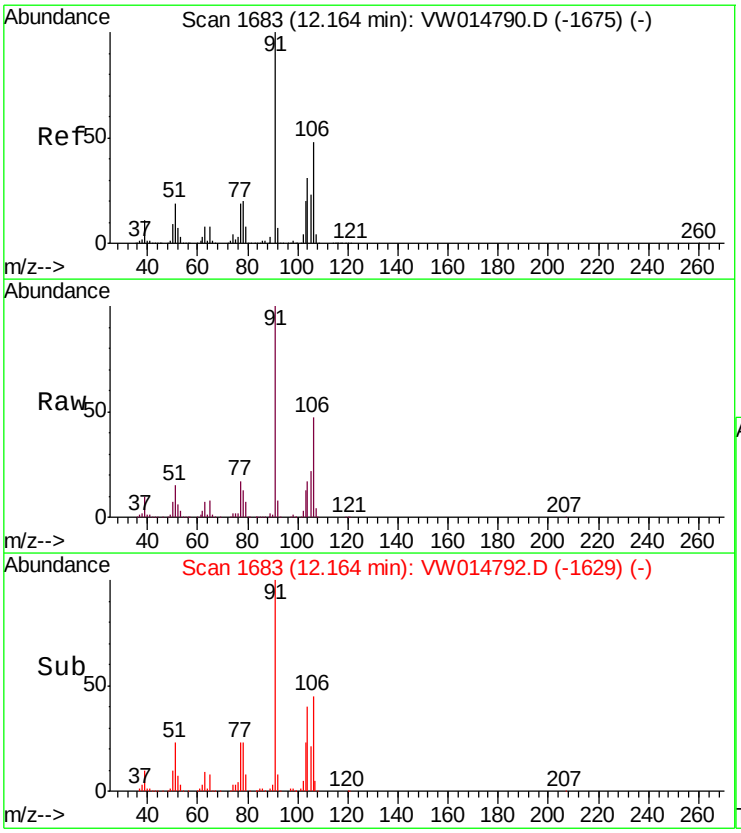
#54
m,p-Xylene
Concen: 3.897 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

Tgt Ion:106 Resp: 85009

Ion	Ratio	Lower	Upper
106	100		
91	206.1	146.2	271.6

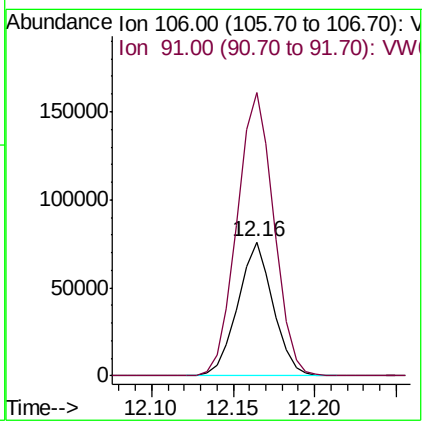


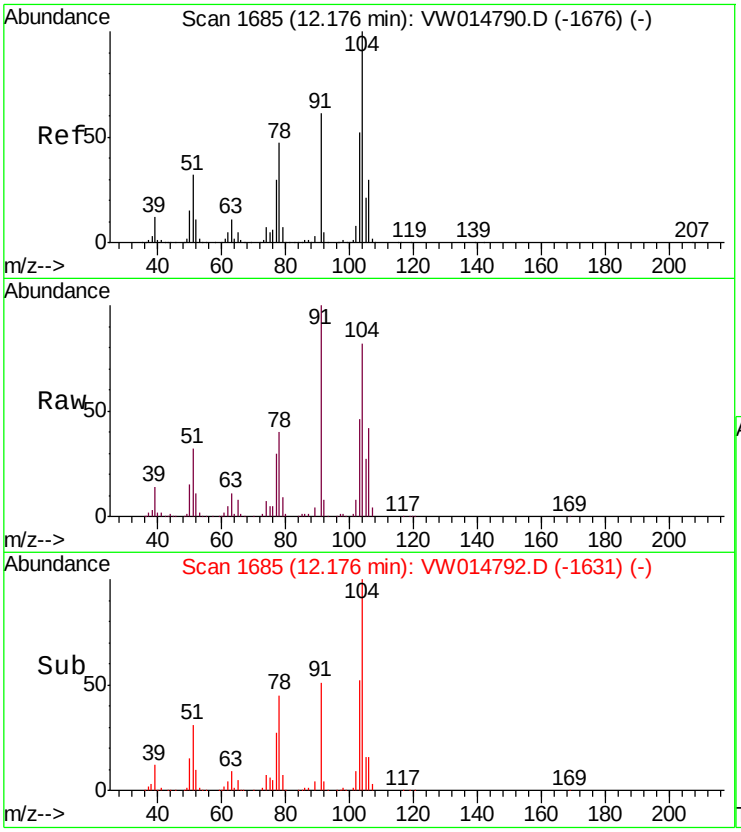


#55
o-xylene
Concen: 5.597 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Tgt Ion:106 Resp: 114563

Ion	Ratio	Lower	Upper
106	100		
91	211.8	148.7	276.1



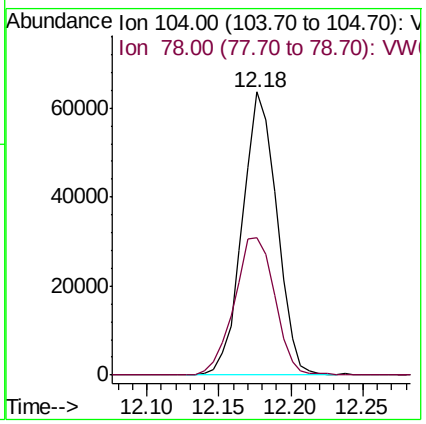


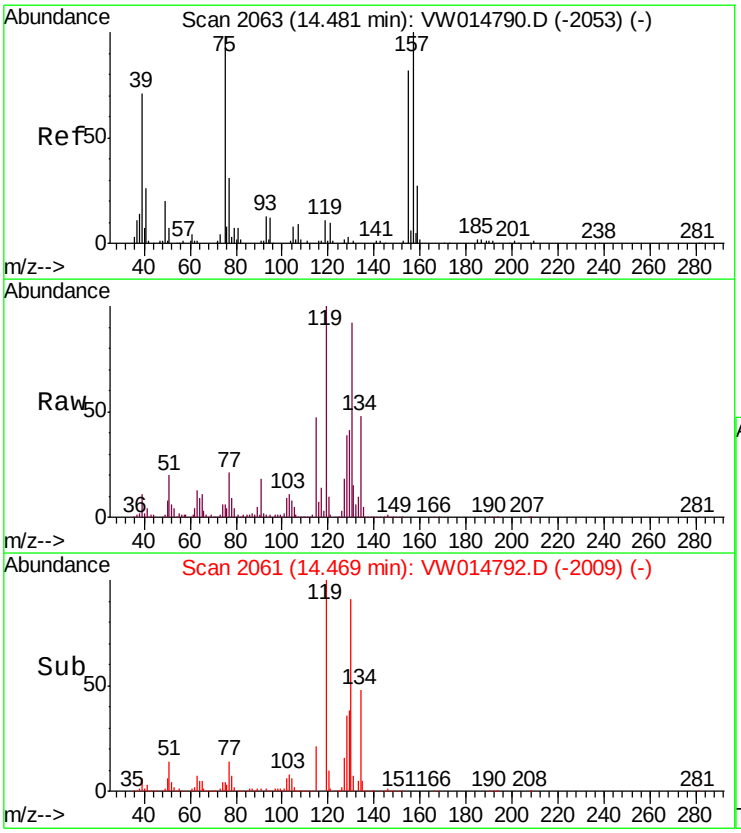
#56
Styrene
Concen: 3.039 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Instrument : MSVOA_W
ClientSampleId : GASZ8

Tgt Ion:104 Resp: 105496

Ion	Ratio	Lower	Upper
104	100		
78	48.6	32.0	59.4

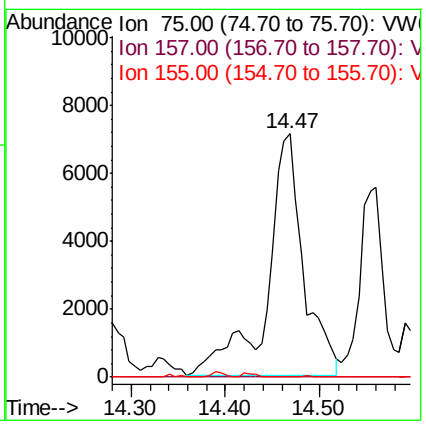


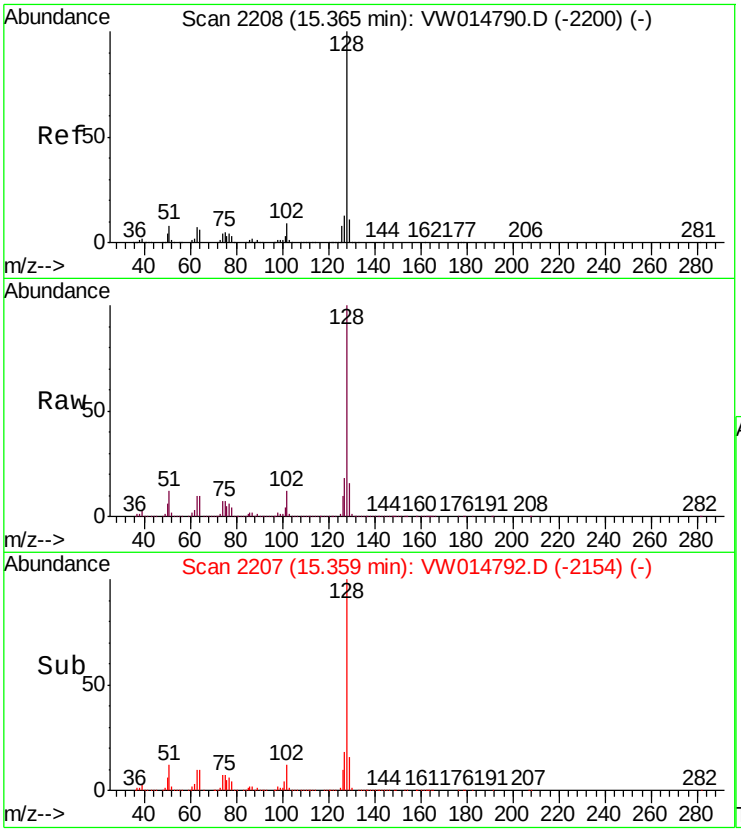


#66
1,2-Dibromo-3-chloropropane
Concen: 10.039 ug/L
RT: 14.47 min Scan# 2061
Delta R.T. -0.01 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Tgt Ion: 75 Resp: 19126

Ion	Ratio	Lower	Upper
75	100		
157	0.0	84.9	127.3#
155	0.0	67.1	100.7#





#69
Naphthalene
Concen: 755.425 ug/L
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

Tgt Ion:128 Resp:19179510

Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.6	13.0#
127	16.6	10.5	15.7#