

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014674.D
 Acq On : 16 Jan 2020 16:12
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

Manual Integrations
 APPROVED

MMDadoda
 1/17/2020 1:59:05 PM

Quant Time: Jan 17 03:46:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294386	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249621	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62148	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58411	14.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.28%
7) Chloroethane-d5	2.88	69	57165	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.01	63	96551	12.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.88%
20) 2-Butanone-d5	7.08	46	80124	81.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.28%#
24) Chloroform-d	7.65	84	177705	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.30	65	115459m	32.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.40%#
29) Benzene-d6	8.27	84	341365	25.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.88%
33) 1,2-Dichloropropane-d6	9.27	67	124840	31.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.12%#
37) Toluene-d8	10.32	98	274415	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.20%
38) trans-1,3-Dichloropropene-	10.58	79	46354	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.48%
39) 2-Hexanone-d5	10.92	63	54699	80.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78293	26.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	46200	22.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	27698	20.258 ug/L	99
16) Methylene chloride	4.91	84	33843	7.050 ug/L	92
34) Benzene	8.32	78	16229	1.080 ug/L	100
44) Toluene	10.38	91	57201	3.644 ug/L	95
53) Ethylbenzene	11.73	91	14504	0.840 ug/L	96
56) Styrene	12.18	104	76918	7.407 ug/L	89

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

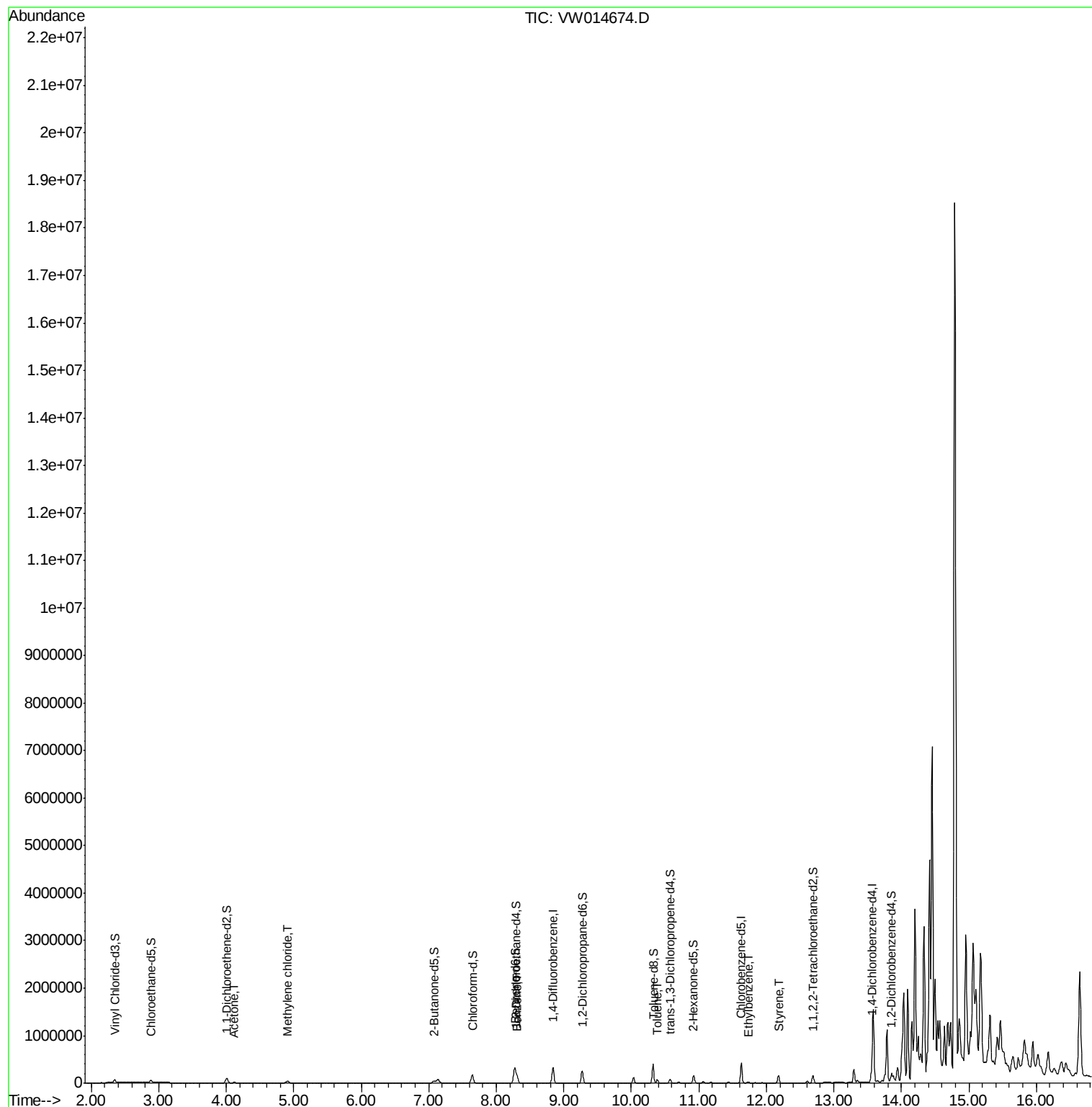
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014674.D
Acq On : 16 Jan 2020 16:12
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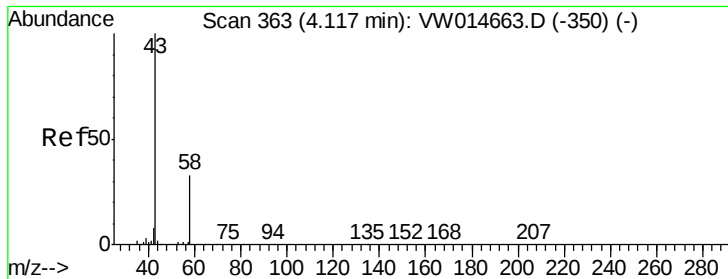
Instrument :
MSVOA_W
ClientSampleId :
GASG8

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Quant Time: Jan 17 03:46:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:19:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 20.258 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014674.D

Acq: 16 Jan 2020 16:12

Instrument :

MSVOA_W

ClientSampled :

GASG8

Tot Ion: 43 Resp: 27698

Ion Ratio Lower Upper

43 100

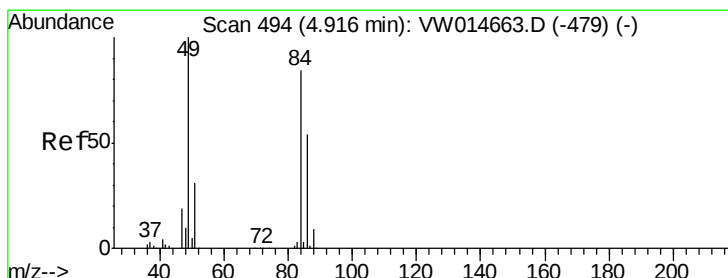
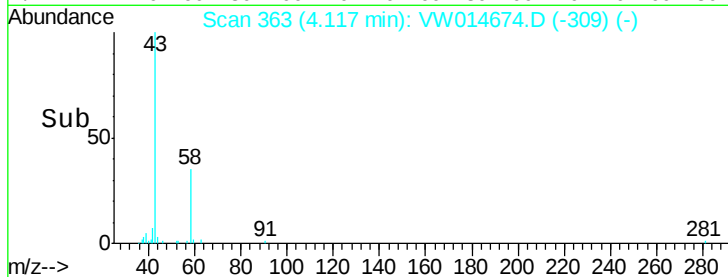
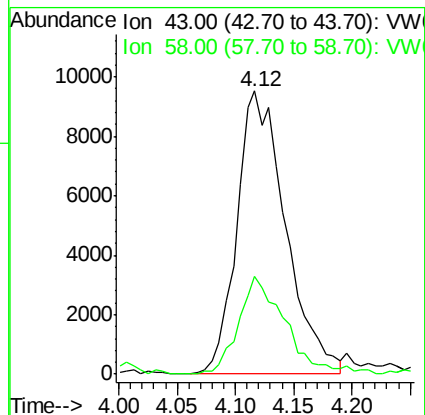
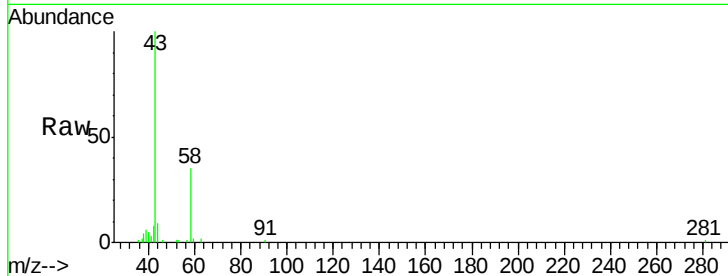
58 31.4 0.0 64.0

Manual Integrations

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#16

Methylene chloride

Concen: 7.050 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014674.D

Acq: 16 Jan 2020 16:12

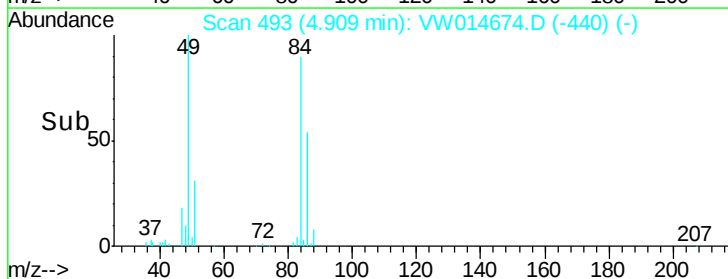
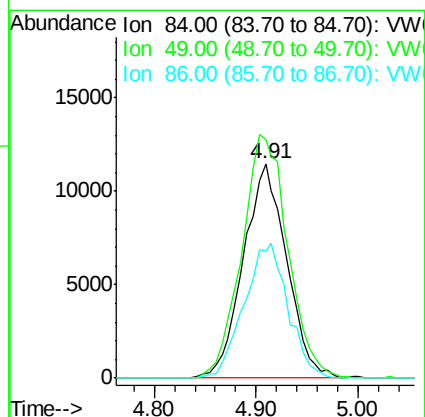
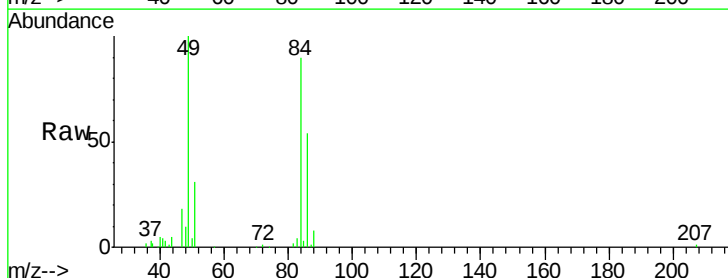
Tgt Ion: 84 Resp: 33843

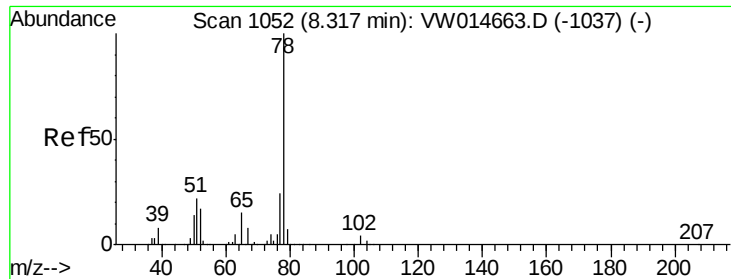
Ion Ratio Lower Upper

84 100

49 111.2 85.8 159.4

86 59.6 44.5 82.7





#34

Benzene

Concen: 1.080 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014674.D

Acq: 16 Jan 2020 16:12

Instrument :

MSVOA_W

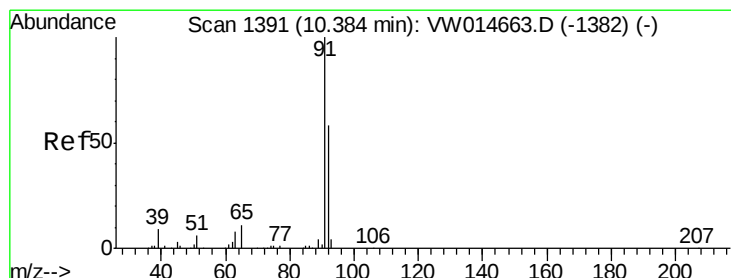
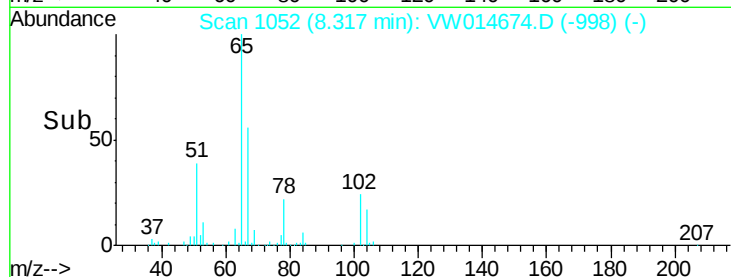
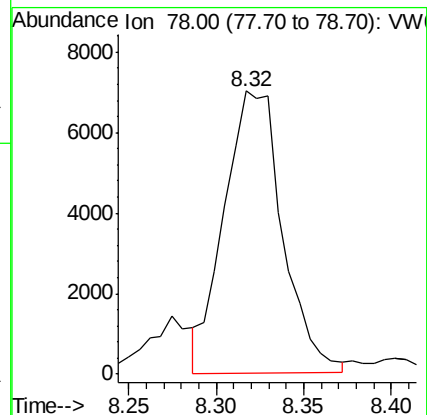
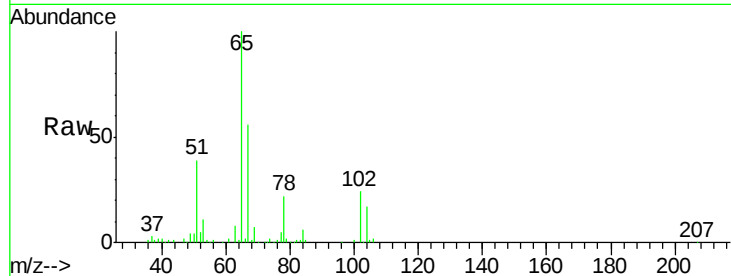
ClientSampleId :

GASG8

Tgt Ion: 78 Resp: 16229

Manual Integrations
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#44

Toluene

Concen: 3.644 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014674.D

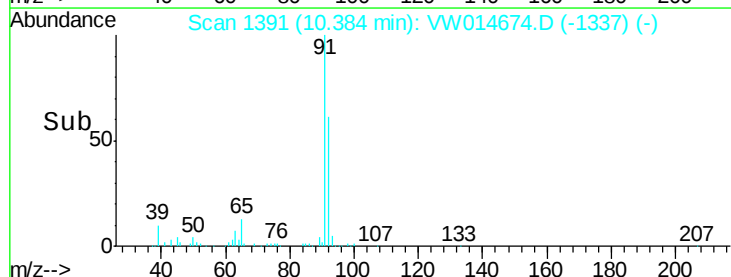
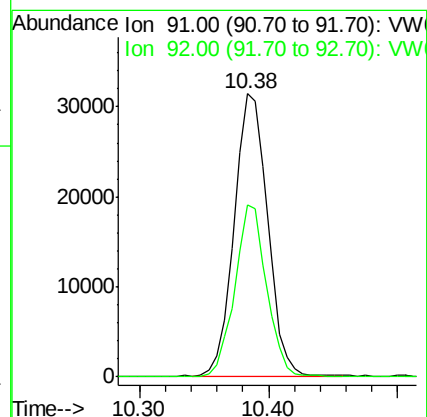
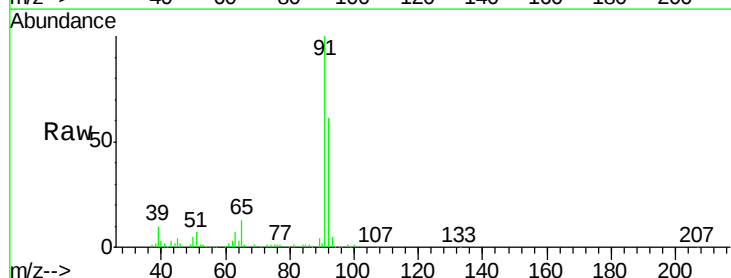
Acq: 16 Jan 2020 16:12

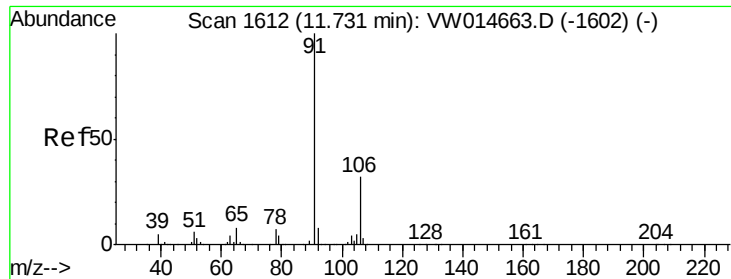
Tgt Ion: 91 Resp: 57201

Ion Ratio Lower Upper

91 100

92 60.9 40.2 74.6





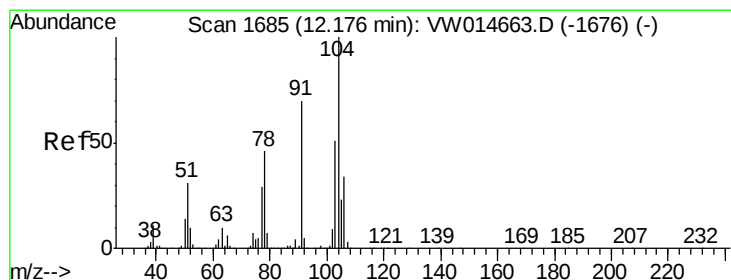
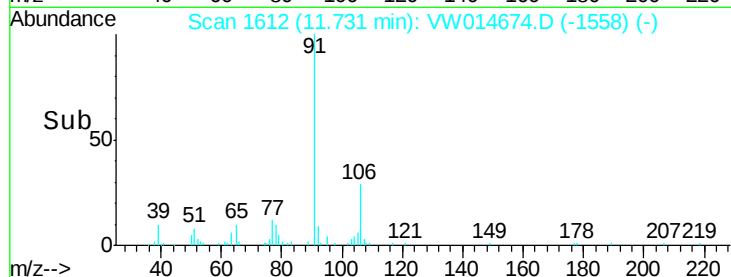
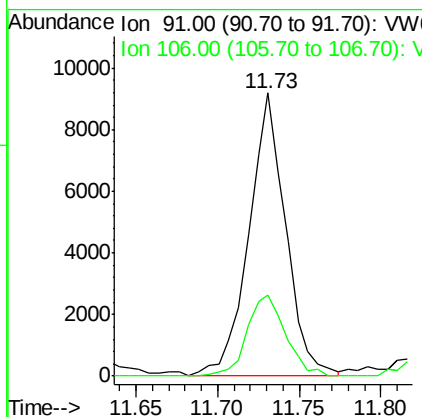
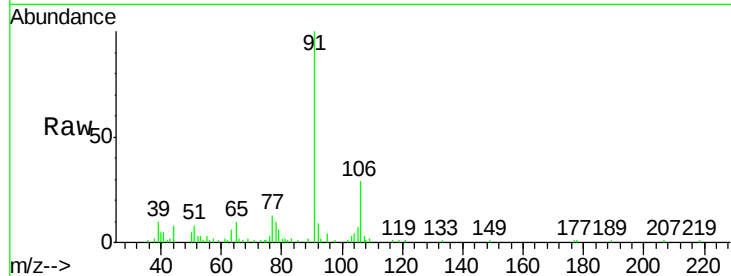
#53
Ethylbenzene
Concen: 0.840 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014674.D
Acq: 16 Jan 2020 16:12

Instrument :
MSVOA_W
ClientSampled :
GASG8

Tot Ion: 91 Resp: 14504
Ion Ratio Lower Upper
91 100
106 28.8 21.8 40.6

Manual Integrations
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#56
Styrene
Concen: 7.407 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014674.D
Acq: 16 Jan 2020 16:12

Tgt Ion: 104 Resp: 76918
Ion Ratio Lower Upper
104 100
78 39.2 32.3 60.1

