

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
 Data File : VW014856.D
 Acq On : 04 Feb 2020 12:17
 Operator : SY/VA
 Sample : L1323-19
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT57

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 6:25:00 PM

Quant Time: Feb 05 04:08:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 05 03:41:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	172469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	177480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	70205	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	50899	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.88	69	57965	22.44	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.02	63	89125	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	7.08	46	34905	34.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.76%
24) Chloroform-d	7.65	84	118884	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	8.30	65	67224m	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.12%
29) Benzene-d6	8.27	84	240285	19.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.84%
33) 1,2-Dichloropropane-d6	9.27	67	82917	20.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.88%
37) Toluene-d8	10.32	98	200630	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.48%
38) trans-1,3-Dichloropropene-	10.58	79	26272	16.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.76%
39) 2-Hexanone-d5	10.93	63	24032	29.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.88%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	57477	17.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	92602m	31.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.92%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	7578	6.902	ug/L	68
16) Methylene chloride	4.92	84	7469	2.345	ug/L	97
44) Toluene	10.38	91	6336	0.510	ug/L	94
47) Tetrachloroethene	10.87	164	1780	0.777	ug/L #	78
53) Ethylbenzene	11.73	91	4536	0.337	ug/L	93
54) m,p-Xylene	11.83	106	10919	2.215	ug/L	94
55) o-xylene	12.16	106	6842	1.490	ug/L	77
56) Styrene	12.18	104	18192	2.326	ug/L	100

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

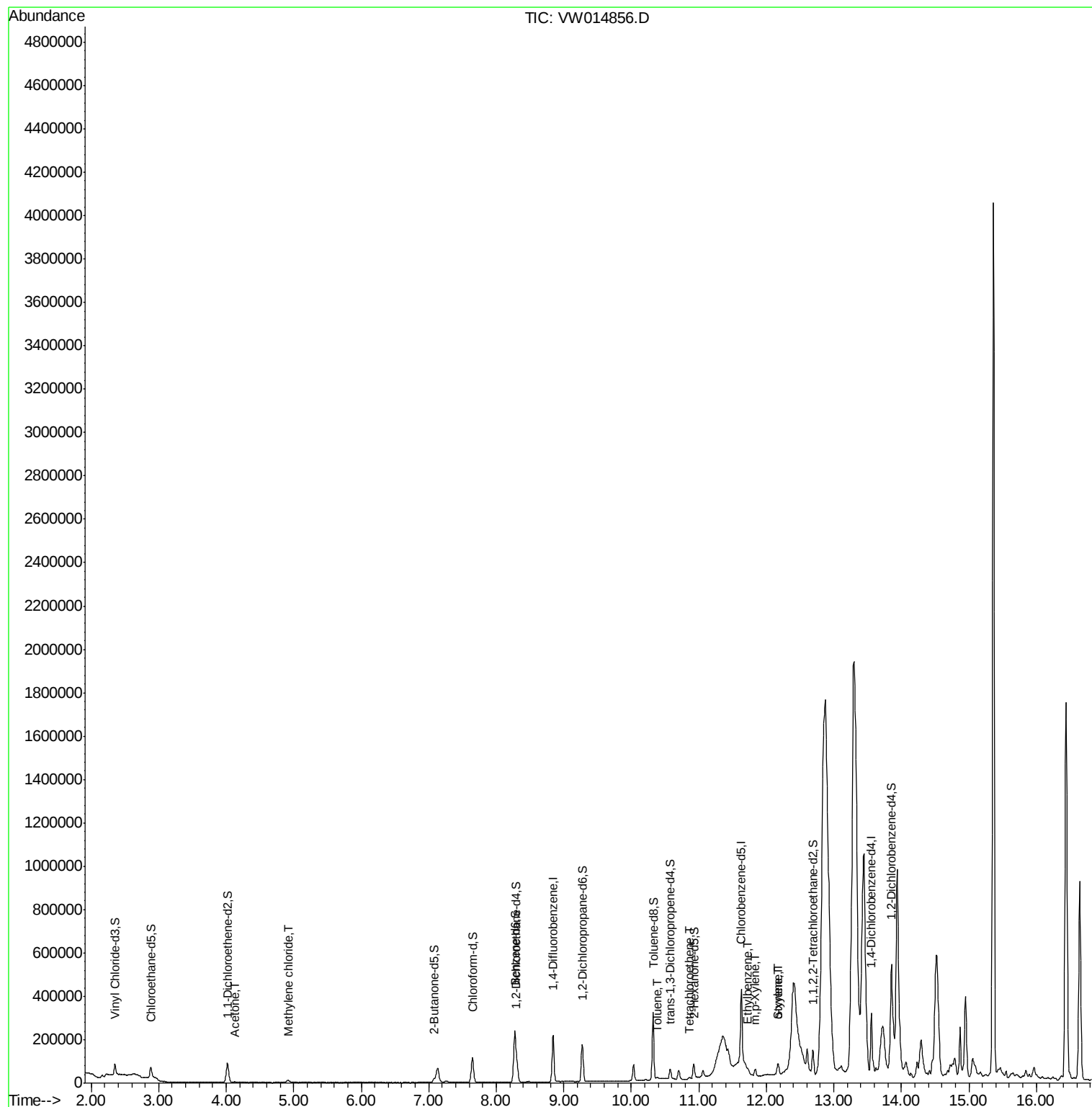
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014856.D
Acq On : 04 Feb 2020 12:17
Operator : SY/VA
Sample : L1323-19
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ALS Vial : 1 Sample Multiplier: 1

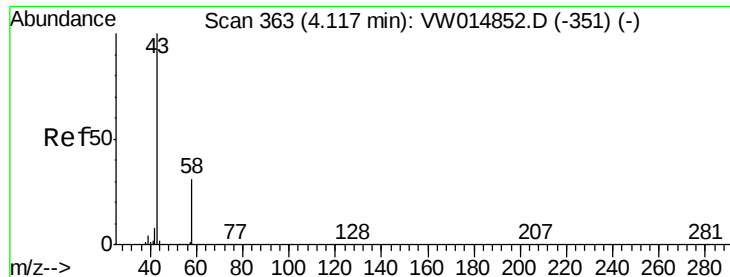
Instrument :
MSVOA_W
ClientSampleId :
GAT57

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Quant Time: Feb 05 04:08:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.902 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014856.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_W

ClientSampled :

GAT57

Tot Ion: 43 Resp: 7578

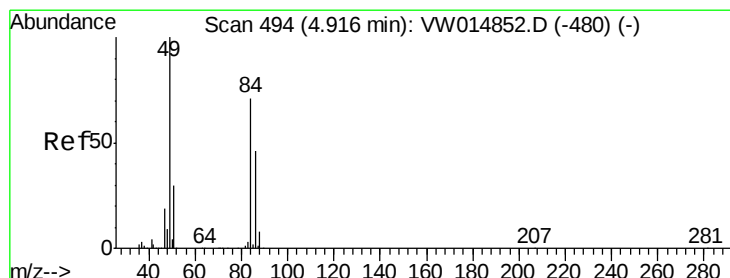
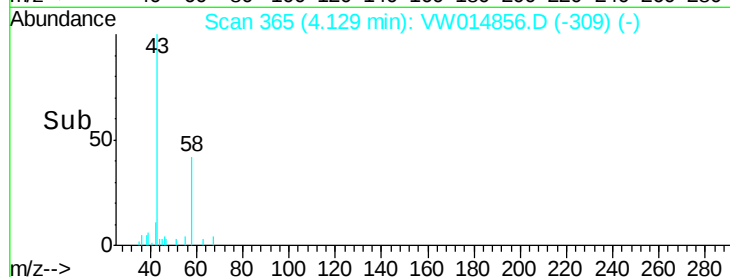
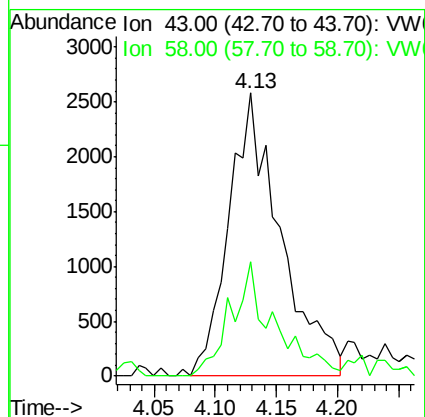
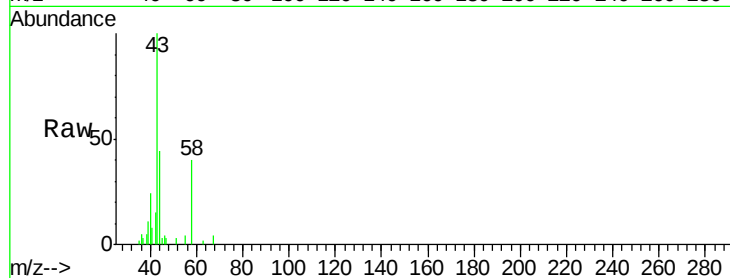
Ion Ratio Lower Upper

43 100

58 12.9 0.0 60.2

Manual Integrations
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#16

Methylene chloride

Concen: 2.345 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW014856.D

Acq: 04 Feb 2020 12:17

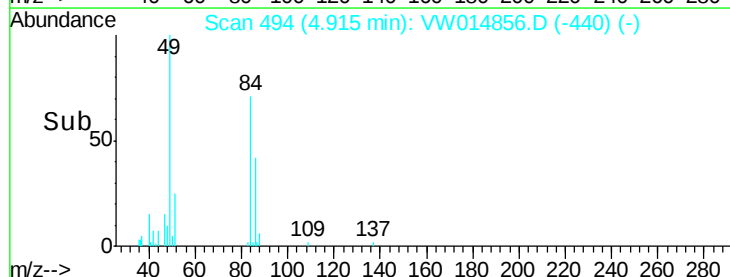
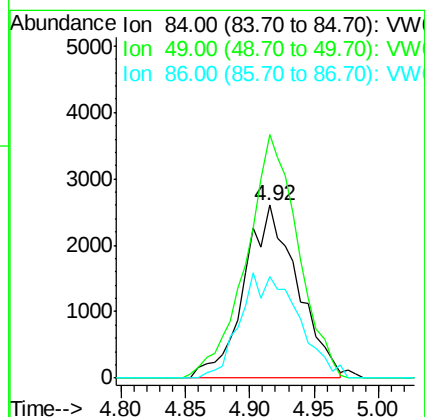
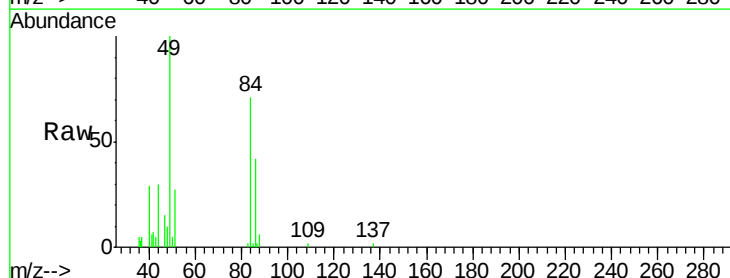
Tgt Ion: 84 Resp: 7469

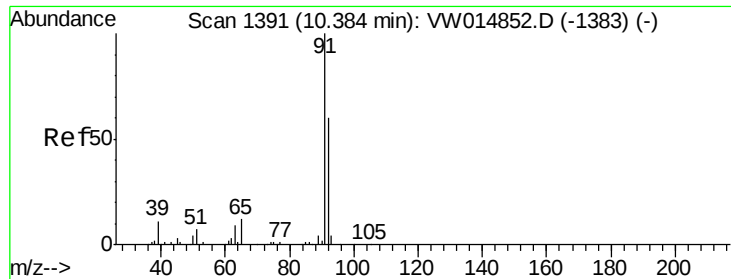
Ion Ratio Lower Upper

84 100

49 141.0 96.6 179.4

86 58.7 43.8 81.4





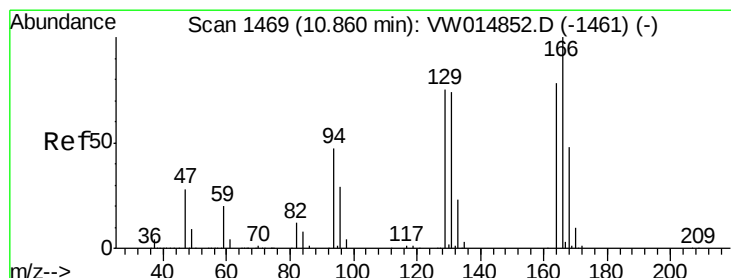
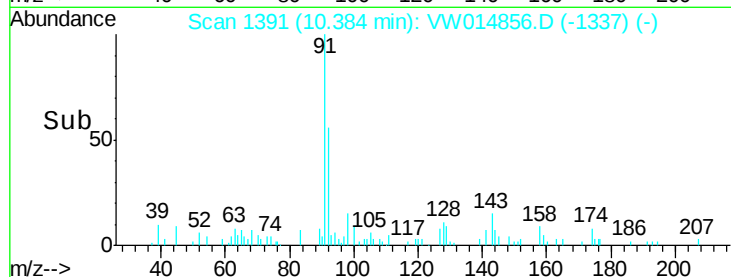
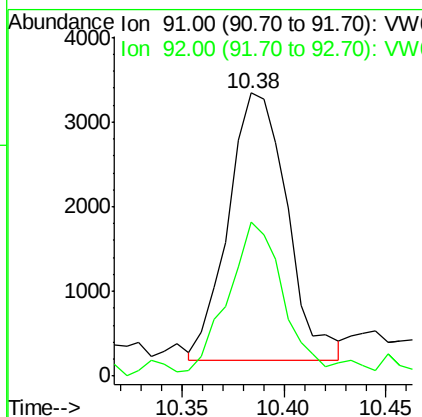
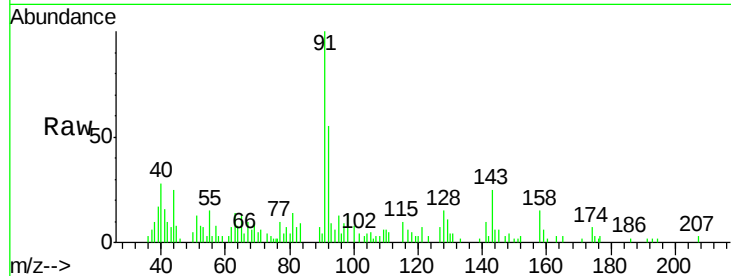
#44
Toluene
Concen: 0.510 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014856.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
GAT57

Tot Ion: 91 Resp: 6336
Ion Ratio Lower Upper
91 100
92 54.6 41.6 77.2

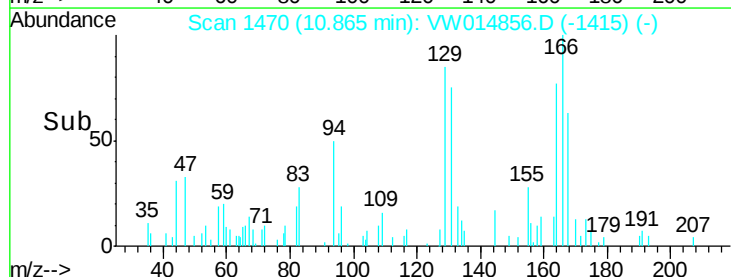
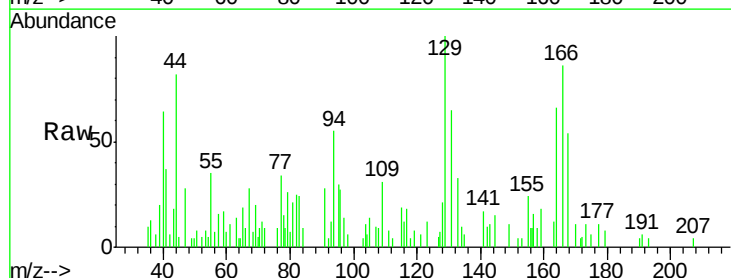
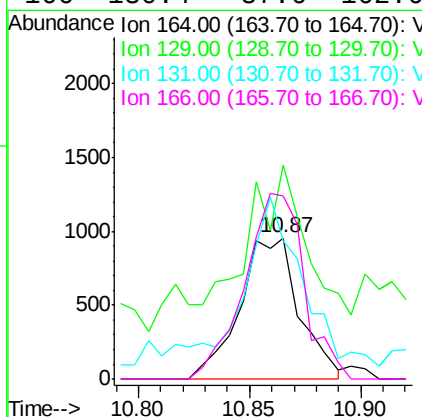
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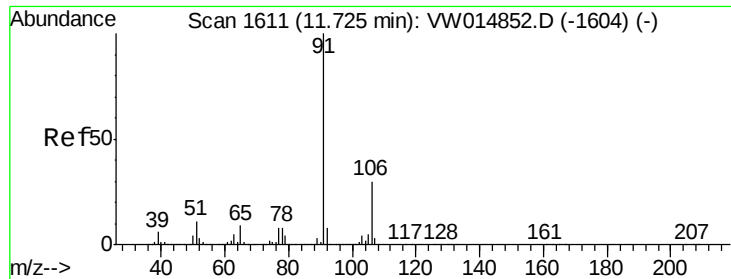
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#47
Tetrachloroethene
Concen: 0.777 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW014856.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 164 Resp: 1780
Ion Ratio Lower Upper
164 100
129 151.6 67.1 124.5#
131 97.8 62.2 115.6
166 130.4 87.6 162.6





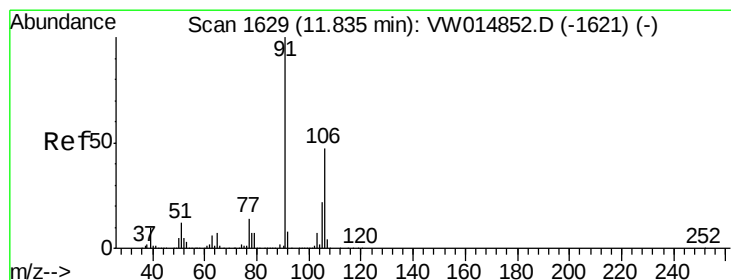
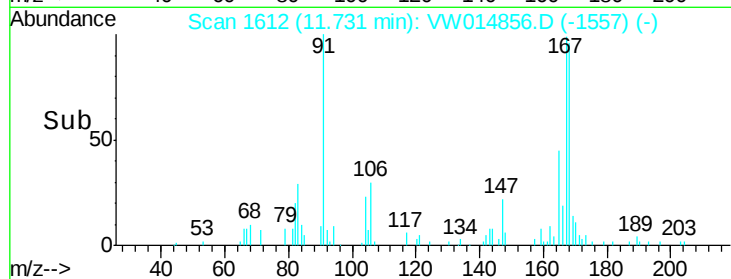
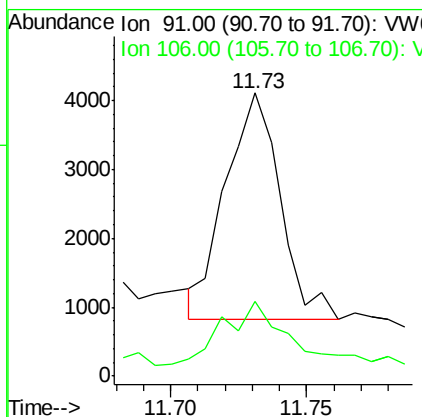
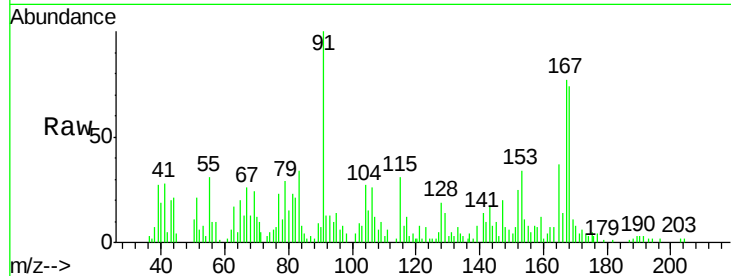
#53
Ethylbenzene
Concen: 0.337 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014856.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
GAT57

Tot Ion: 91 Resp: 4536
Ion Ratio Lower Upper
91 100
106 26.4 21.3 39.5

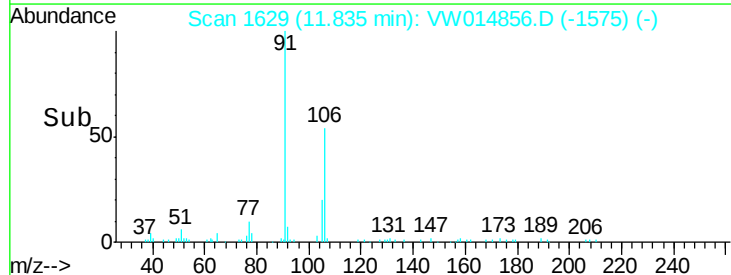
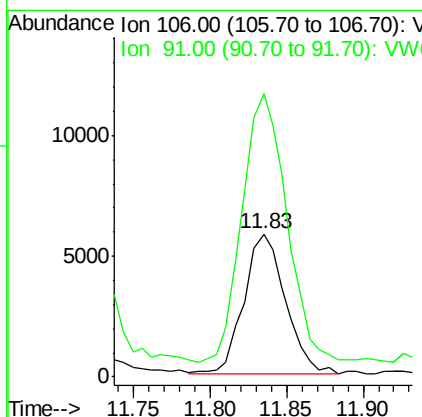
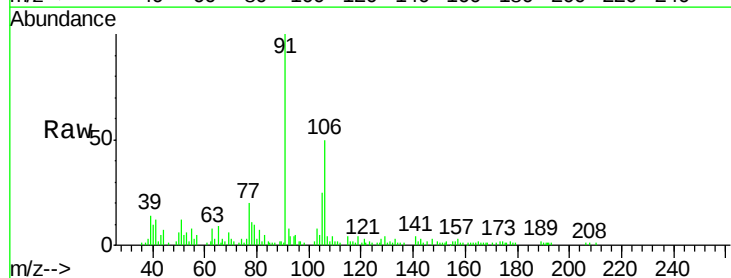
Manual Integrations
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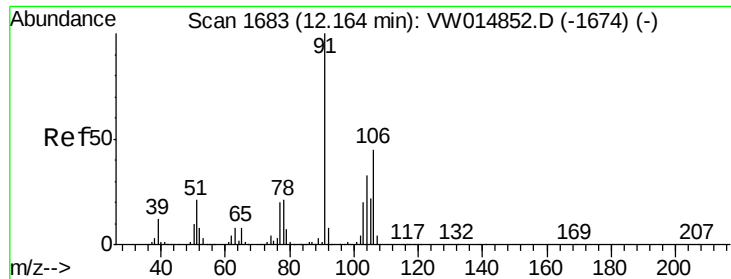
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#54
m,p-Xylene
Concen: 2.215 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014856.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 106 Resp: 10919
Ion Ratio Lower Upper
106 100
91 198.2 145.3 269.9





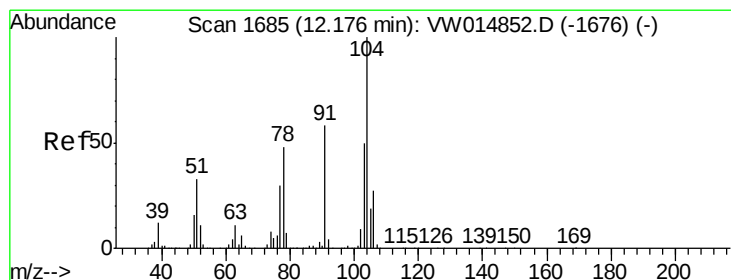
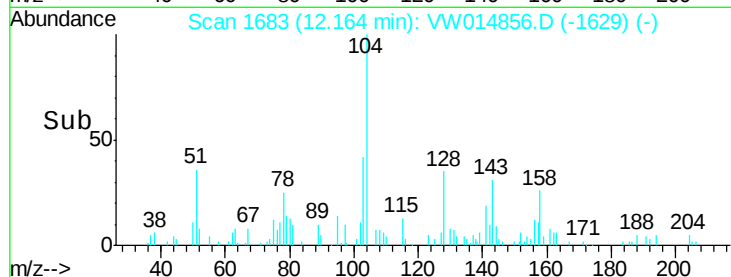
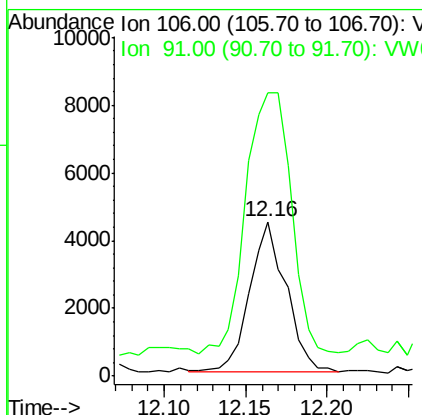
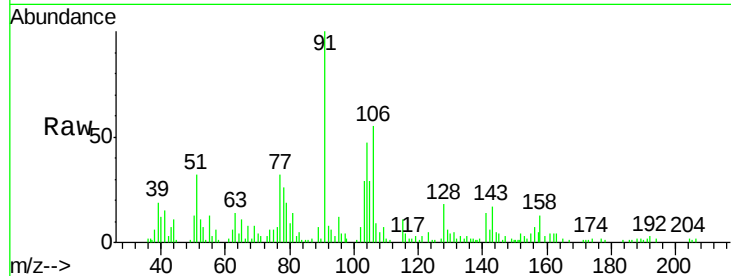
#55
o-xylene
Concen: 1.490 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014856.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_W
ClientSampleId :
GAT57

Tot Ion:106 Resp: 6842
Ion Ratio Lower Upper
106 100
91 183.1 154.6 287.0

Manual Integrations
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#56
Styrene
Concen: 2.326 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014856.D
Acq: 04 Feb 2020 12:17

Tgt Ion:104 Resp: 18192
Ion Ratio Lower Upper
104 100
78 48.9 34.3 63.7

