

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014232.D
 Acq On : 05 Dec 2019 23:39
 Operator : SY/VA
 Sample : K6149-16
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBT5

Manual Integrations
 APPROVED

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 12/6/2019 2:55:58 PM

Quant Time: Dec 06 08:10:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 06:50:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	912085	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	810389	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	311639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	376655	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.08%
7) Chloroethane-d5	2.89	69	266091	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.64%
10) 1,1-Dichloroethene-d2	4.02	63	472051	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.40%
20) 2-Butanone-d5	7.07	46	177647	49.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.72%
24) Chloroform-d	7.64	84	592245	25.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	8.30	65	319566	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.00%
29) Benzene-d6	8.27	84	1249604	26.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.24%
33) 1,2-Dichloropropane-d6	9.27	67	390508	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.32	98	1083697	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.57	79	145113	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.68%
39) 2-Hexanone-d5	10.92	63	136964	47.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.28%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	294620	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	302491	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
13) Acetone	4.12	43	84608	24.382	ug/L 100
16) Methylene chloride	4.90	84	25021m	1.790	ug/L
21) 2-Butanone	7.17	43	31114	6.679	ug/L 93
34) Benzene	8.32	78	351220	6.845	ug/L 100
36) Methylcyclohexane	9.34	83	12986	0.589	ug/L # 81
53) Ethylbenzene	11.73	91	25580	0.438	ug/L 100
54) m,p-Xylene	11.83	106	24144	1.075	ug/L 98
55) o-xylene	12.16	106	6836	0.321	ug/L 80

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

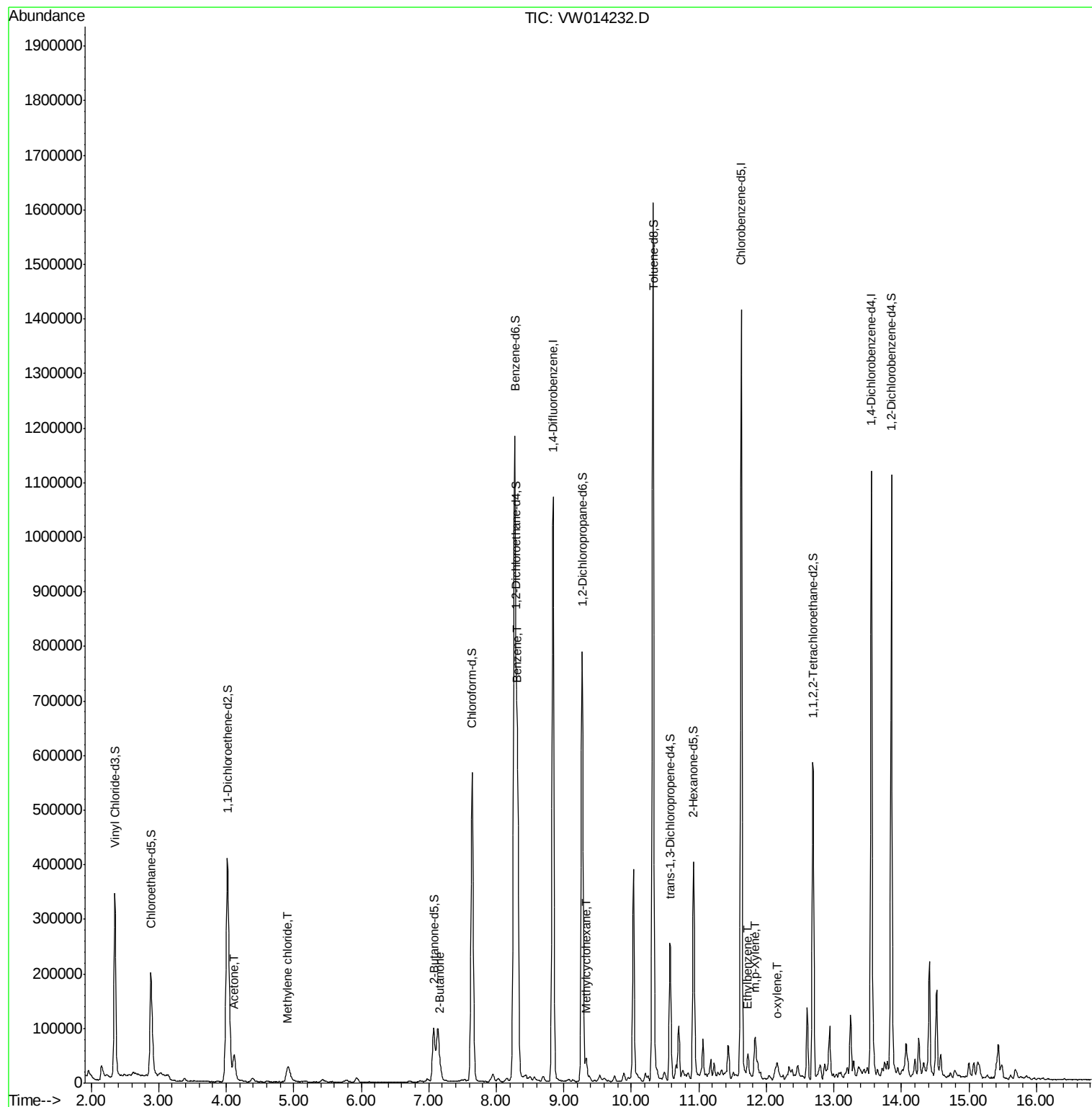
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120519\
Data File : VW014232.D
Acq On : 05 Dec 2019 23:39
Operator : SY/VA
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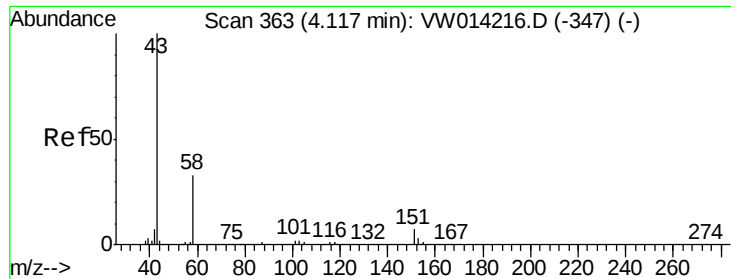
Instrument :
MSVOA_W
ClientSampleId :
DBBT5

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Quant Time: Dec 06 08:10:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration





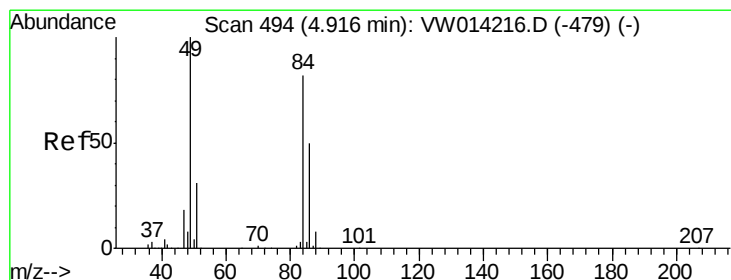
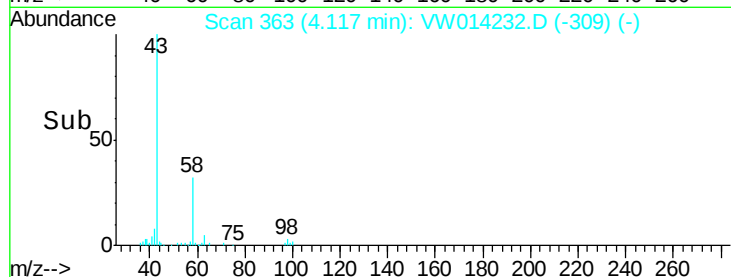
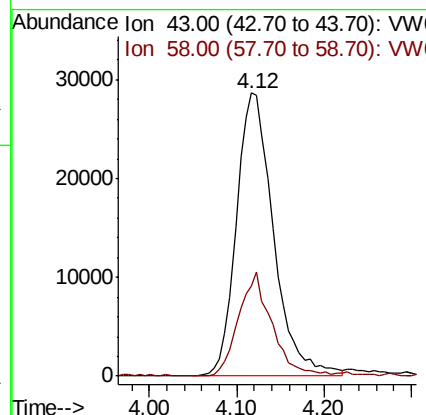
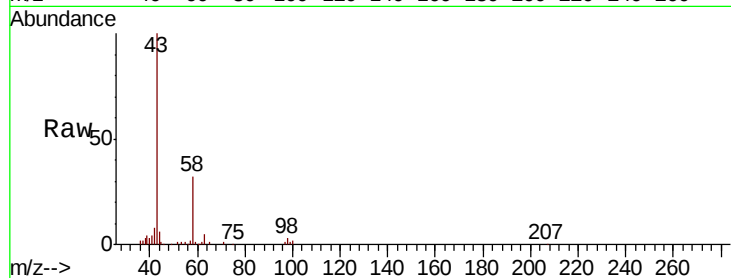
#13
Acetone
Concen: 24.382 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014232.D
Acq: 05 Dec 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
DBBT5

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.9	0.0	65.4

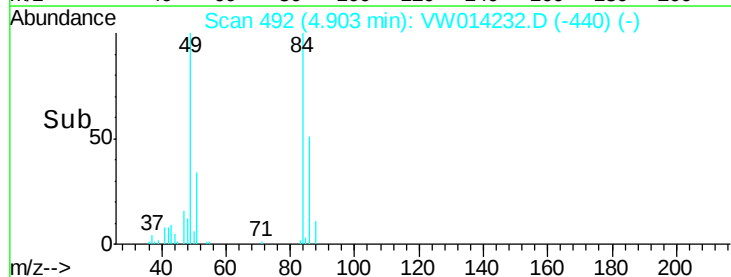
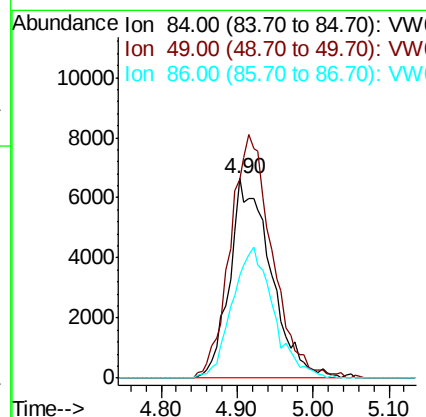
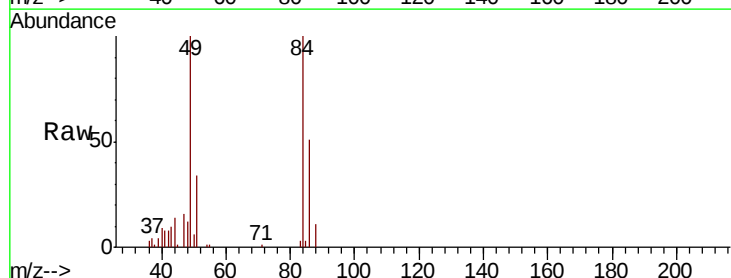
Manual Integrations
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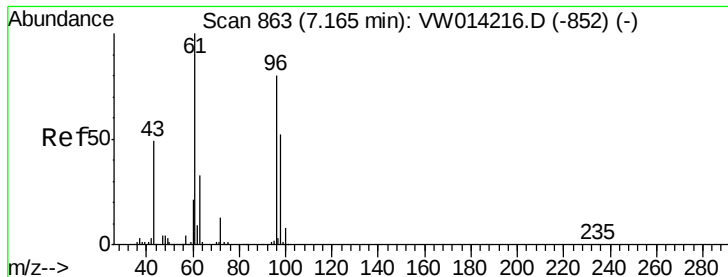
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#16
Methylene chloride
Concen: 1.790 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014232.D
Acq: 05 Dec 2019 23:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.5	84.2	156.4
86	51.1	43.7	81.1





#21

2-Butanone

Concen: 6.679 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014232.D

Acq: 05 Dec 2019 23:39

Instrument :

MSVOA_W

ClientSampled :

DBBT5

Tot Ion: 43 Resp: 31114

Ion Ratio Lower Upper

43 100

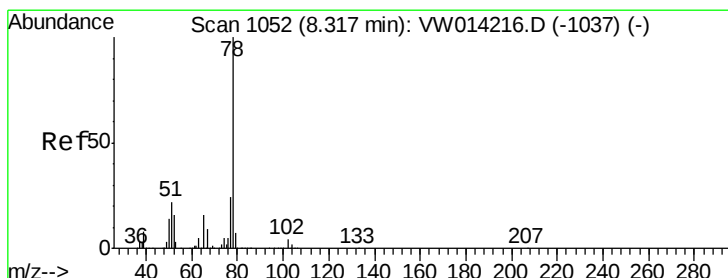
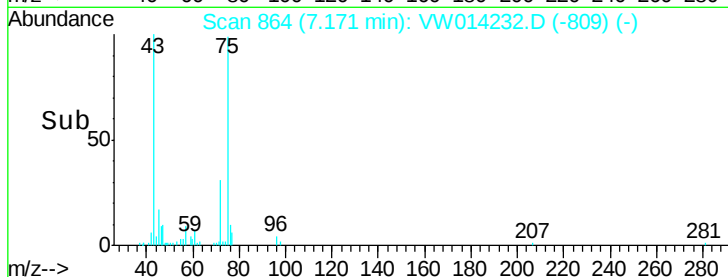
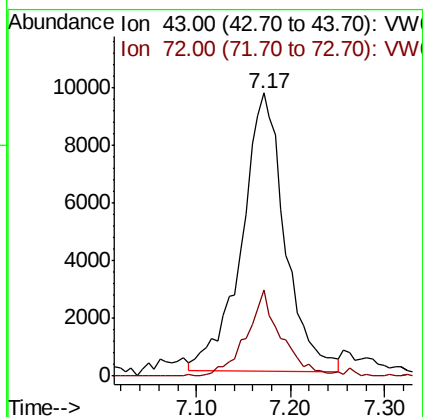
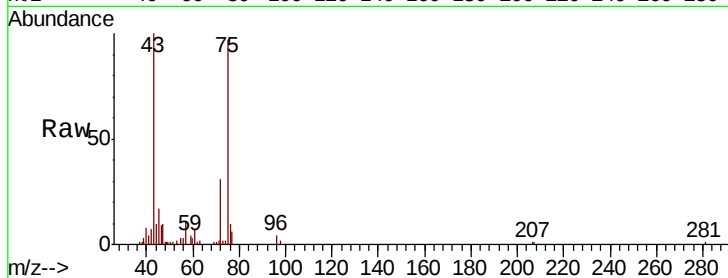
72 24.5 14.1 42.2

Manual Integrations

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#34

Benzene

Concen: 6.845 ug/L

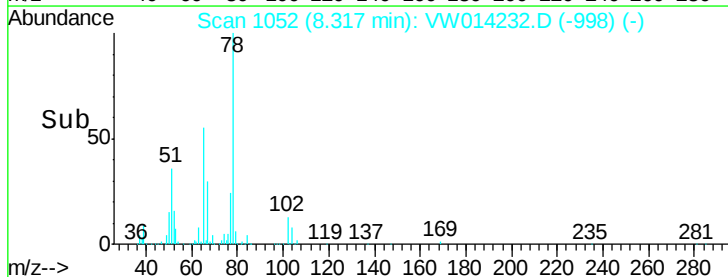
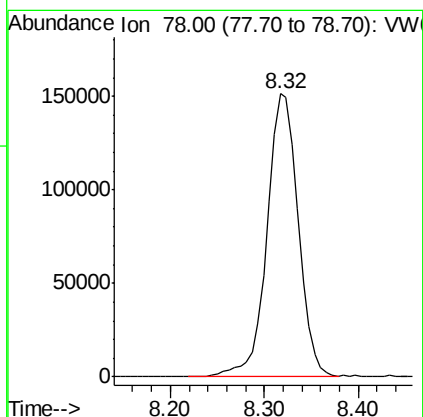
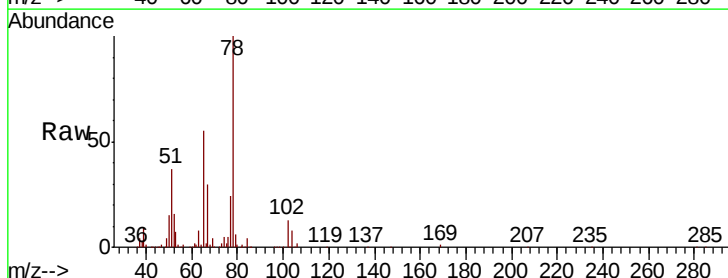
RT: 8.32 min Scan# 1052

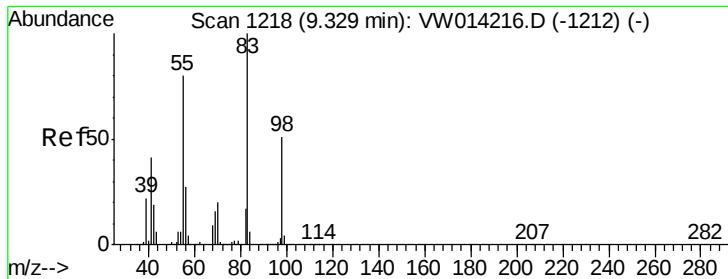
Delta R.T. -0.00 min

Lab File: VW014232.D

Acq: 05 Dec 2019 23:39

Tgt Ion: 78 Resp: 351220





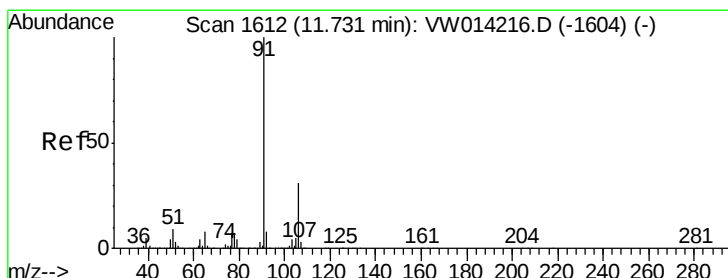
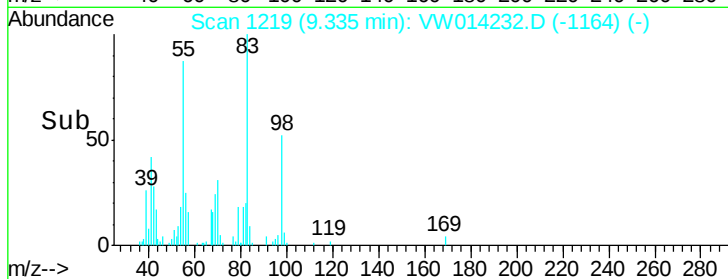
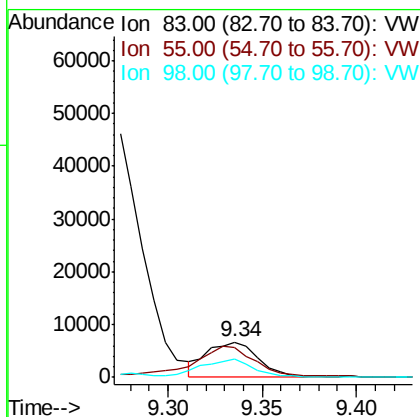
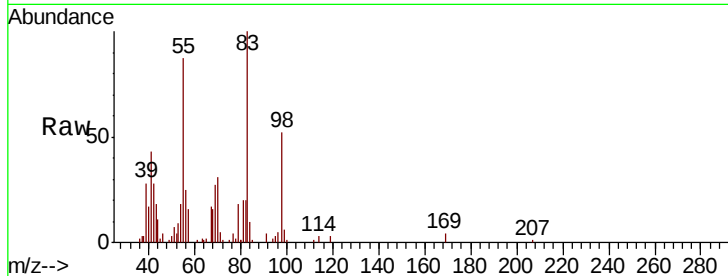
#36
Methvlcvclohexane
Concen: 0.589 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014232.D
Acq: 05 Dec 2019 23:39

Instrument :
MSVOA_W
ClientSampleId :
DBBT5

Tot Ion	Ratio	Lower	Upper
83	100		
55	99.1	59.8	89.8#
98	52.4	39.5	59.3

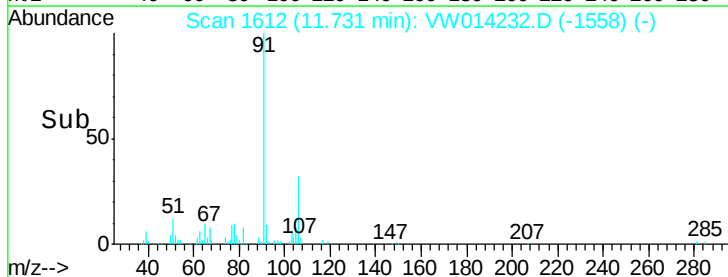
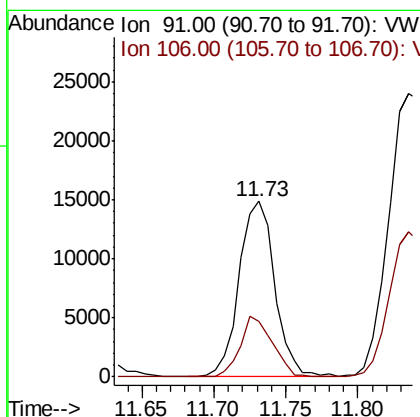
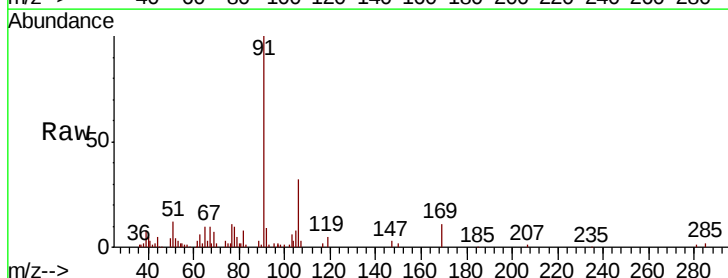
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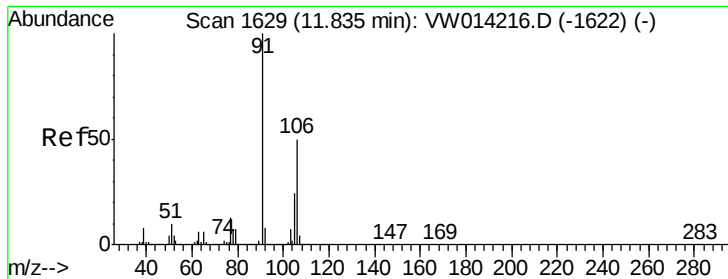
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#53
Ethylbenzene
Concen: 0.438 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014232.D
Acq: 05 Dec 2019 23:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.3	41.5





#54

m,p-Xylene

Concen: 1.075 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014232.D

Acq: 05 Dec 2019 23:39

Instrument :

MSVOA_W

ClientSampled :

DBBT5

Tot Ion:106 Resp: 24144

Ion Ratio Lower Upper

106 100

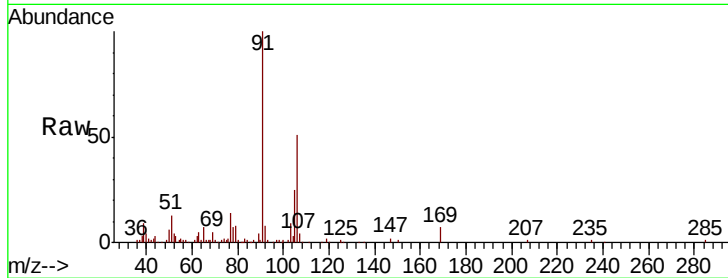
91 194.6 138.7 257.5

Manual Integrations

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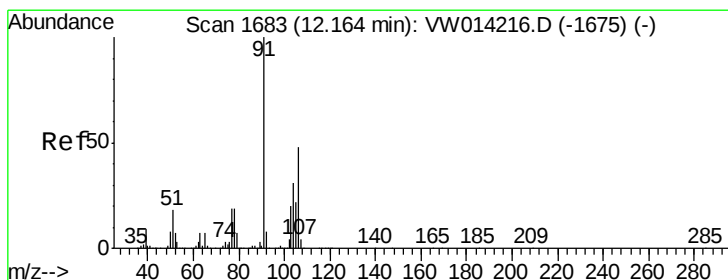
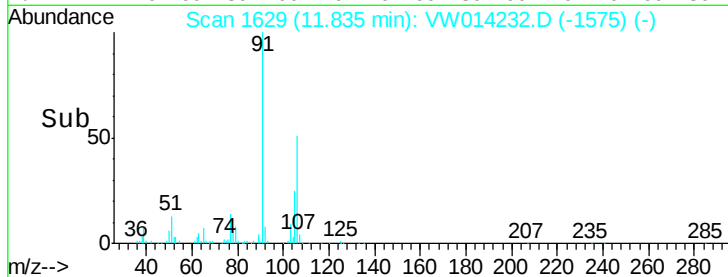
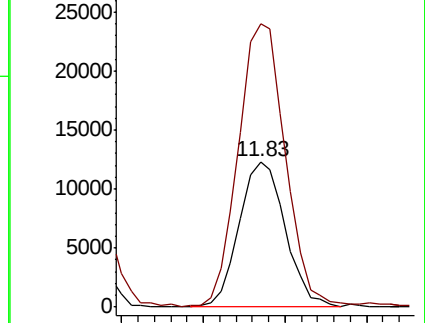
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.321 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014232.D

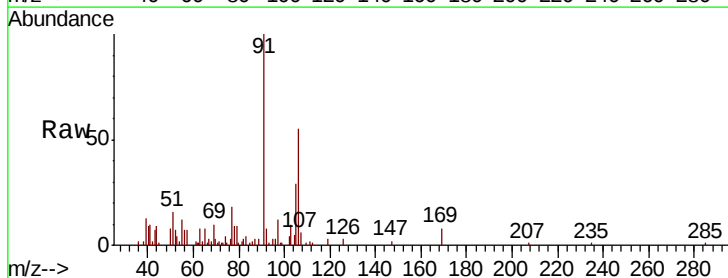
Acq: 05 Dec 2019 23:39

Tgt Ion:106 Resp: 6836

Ion Ratio Lower Upper

106 100

91 180.7 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

