

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

Quant Time: Dec 06 06:55:26 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) 1,1,2,2-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

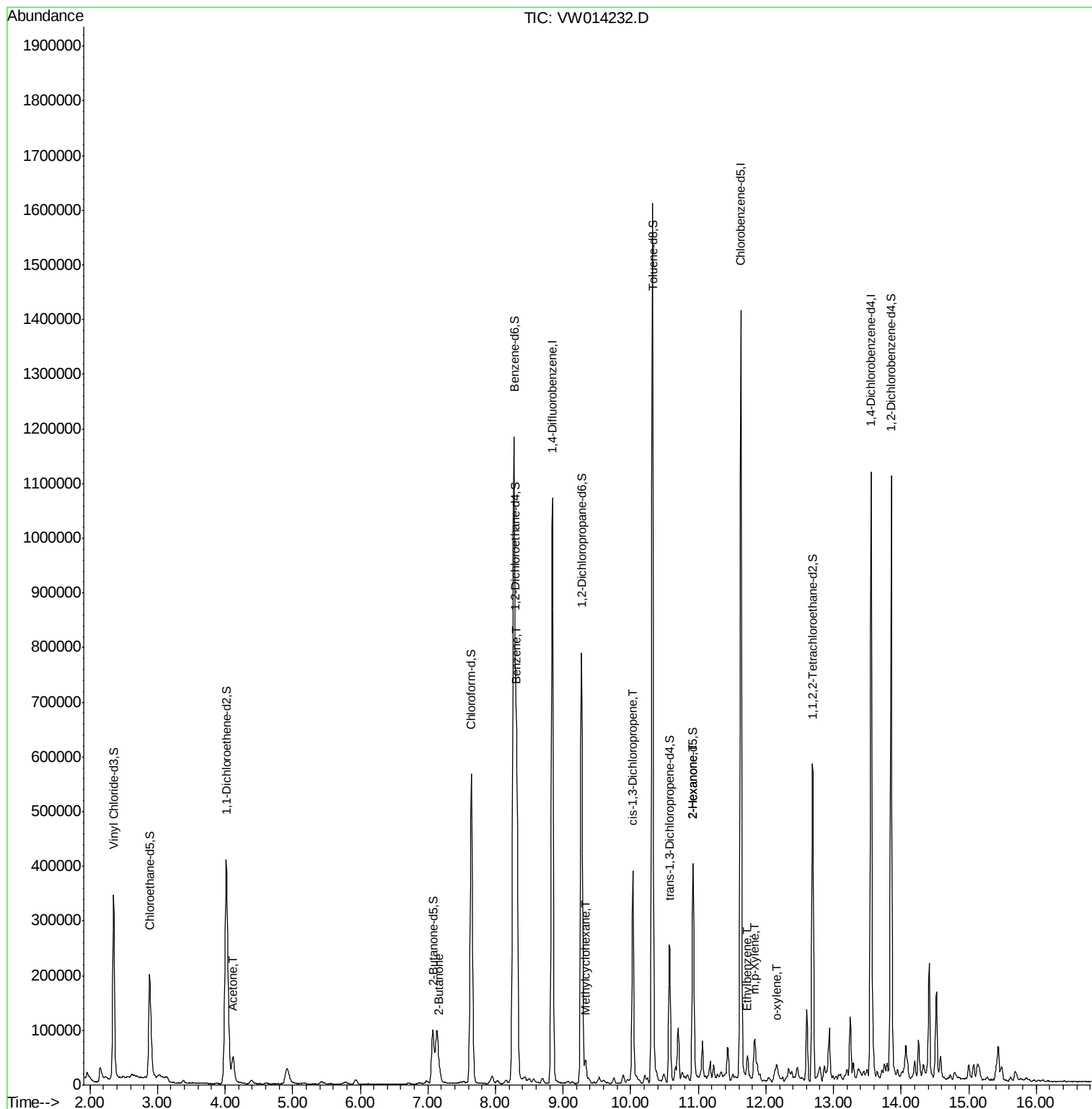
					Qvalue
13) Acetone	4.12	43	84608	24.382	ug/L 100
21) 2-Butanone	7.17	43	31114	6.679	ug/L 93
34) Benzene	8.32	78	351220	6.845	ug/L 100
36) Methylcyclohexane	9.34	83	12986	0.589	ug/L # 81
42) cis-1,3-Dichloropropene	10.04	75	9055	0.459	ug/L 85
49) 2-Hexanone	10.93	43	20152	3.256	ug/L # 58
53) Ethylbenzene	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

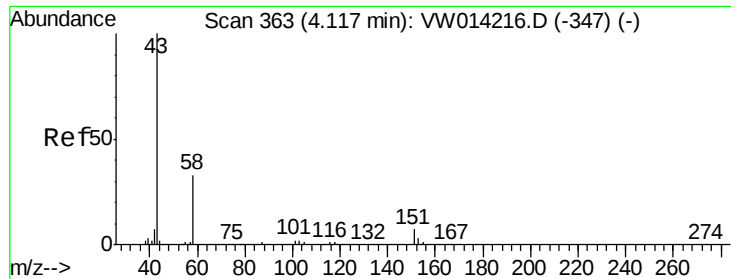
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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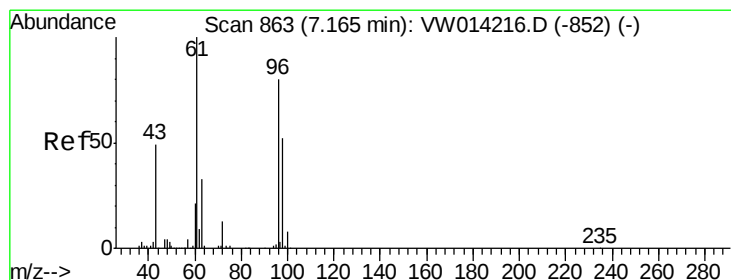
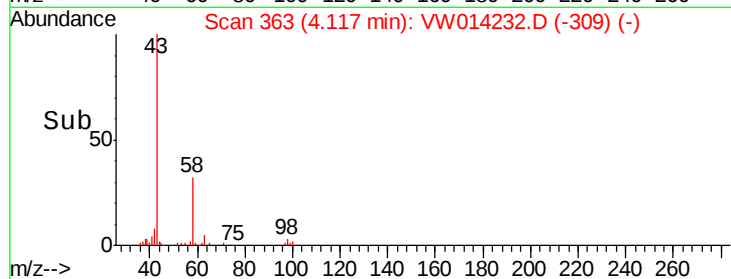
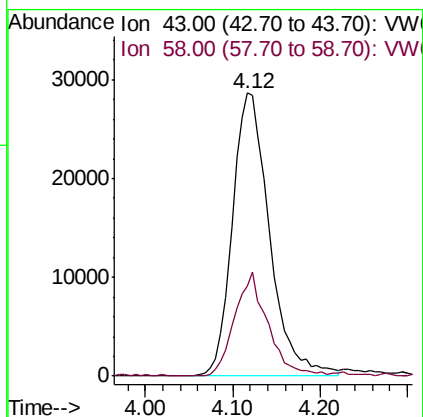
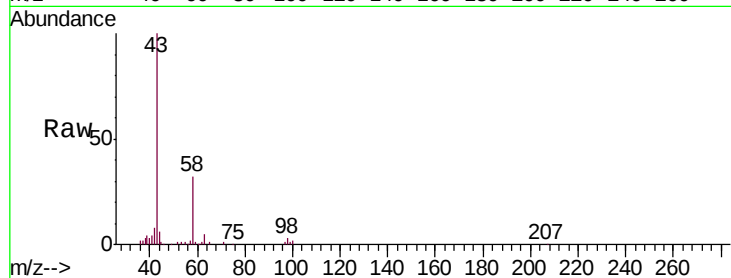




#13
Acetone
Concen: 24.382 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014232.D
Acq: 05 Dec 2019 23:39

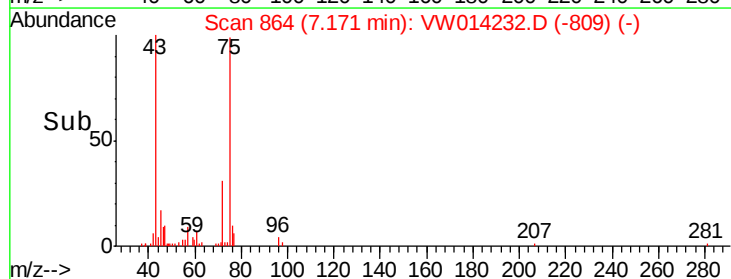
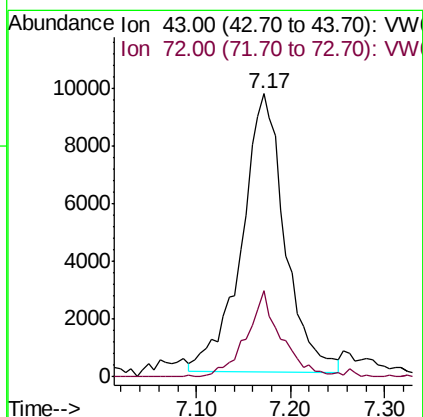
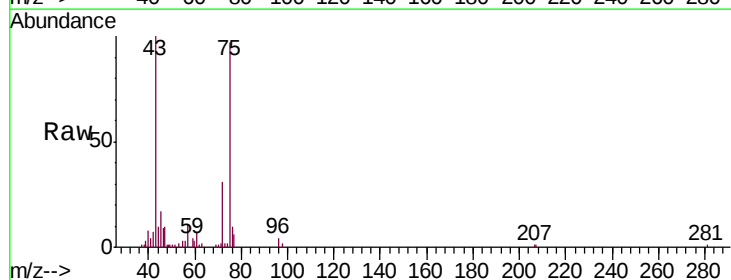
Instrument :
MSVOA_W
ClientSampleId :
DBBT5

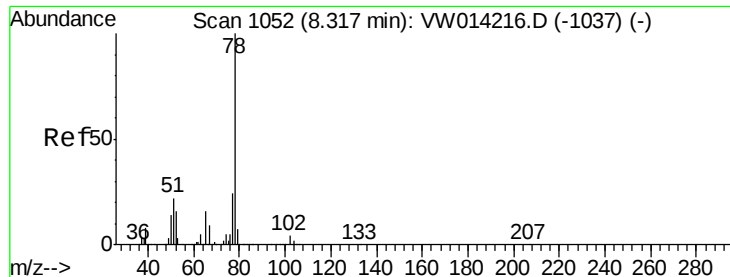
Tgt Ion: 43 Resp: 84608
Ion Ratio Lower Upper
43 100
58 32.9 0.0 65.4



#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

Tgt Ion: 43 Resp: 31114
Ion Ratio Lower Upper
43 100
72 24.5 14.1 42.2





#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

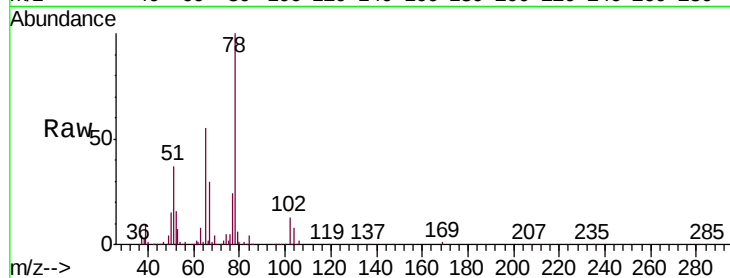
Instrument :

MSVOA_W

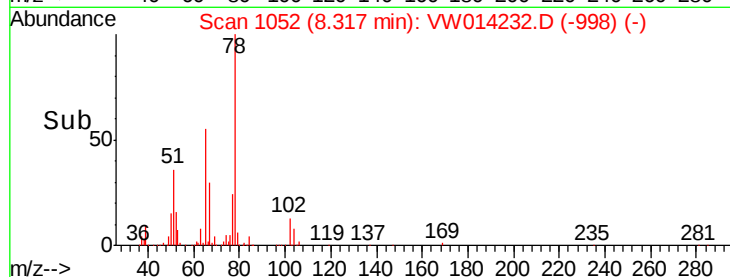
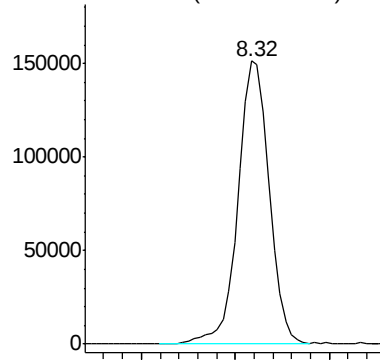
ClientSampleId :

DBBT5

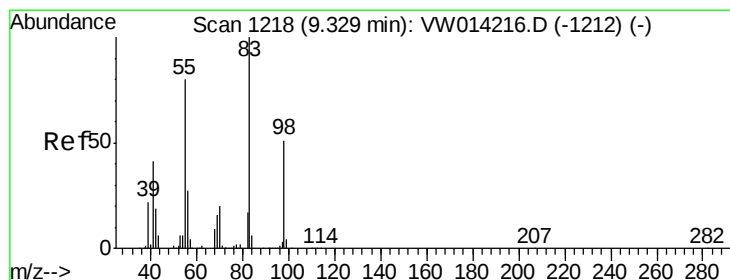
Tgt Ion: 78 Resp: 351220



Abundance Ion 78.00 (77.70 to 78.70): VW



Time-->



#36

Methylcyclohexane

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

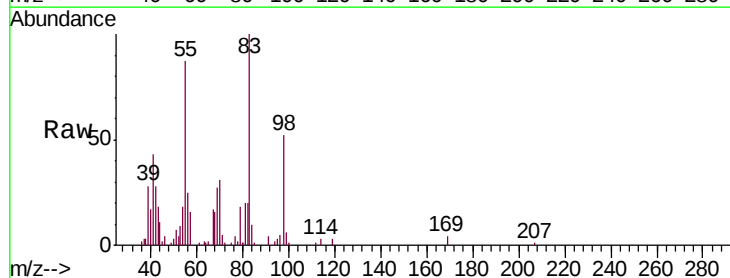
Tgt Ion: 83 Resp: 12986

Ion Ratio Lower Upper

83 100

55 99.1 59.8 89.8#

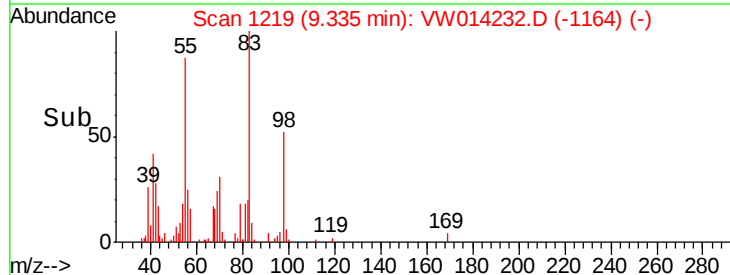
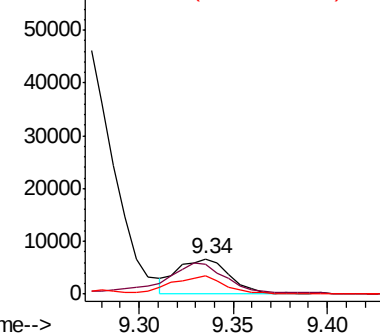
98 52.4 39.5 59.3

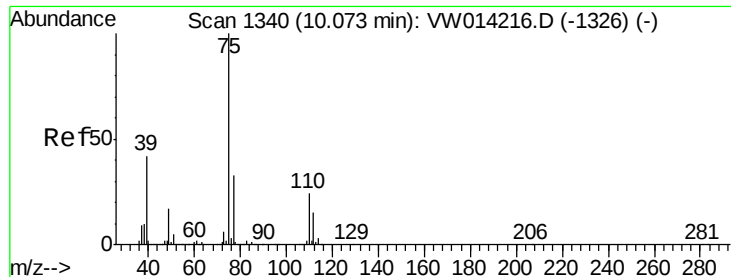


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014232.D

Acq: 05 Dec 2019 23:39

Instrument :

MSVOA_W

ClientSampleId :

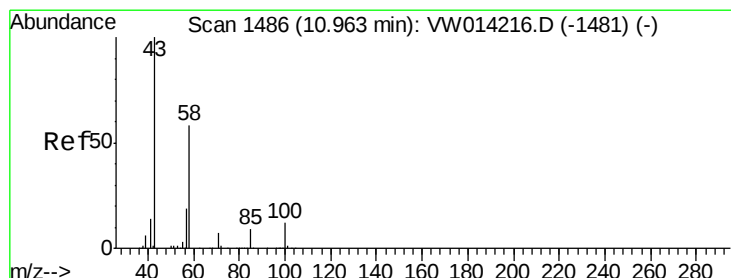
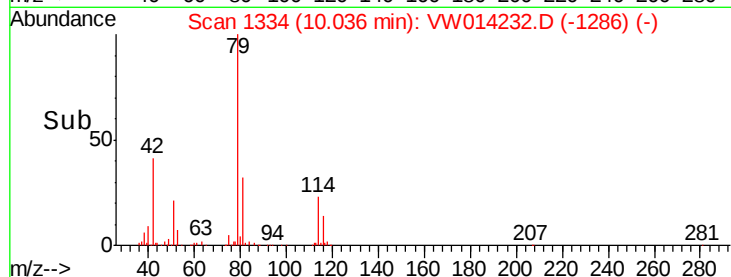
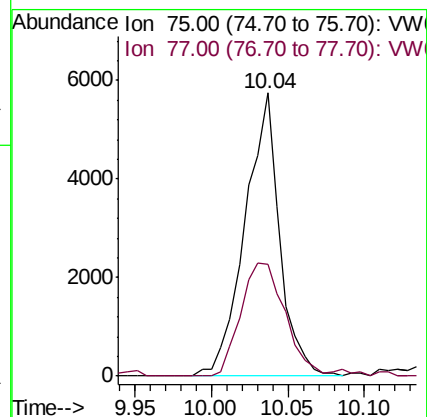
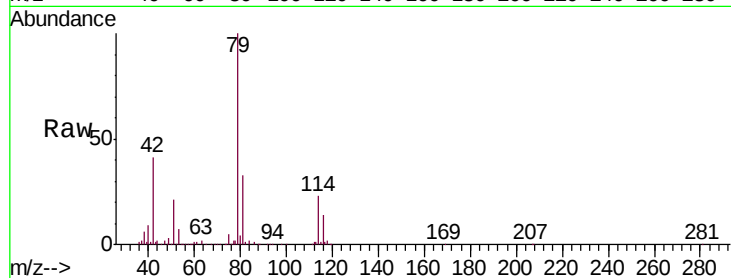
DBBT5

Tgt Ion: 75 Resp: 9055

Ion Ratio Lower Upper

75 100

77 39.6 22.1 41.1



#49

2-Hexanone

Concen: 3.256 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014232.D

Acq: 05 Dec 2019 23:39

Tgt Ion: 43 Resp: 20152

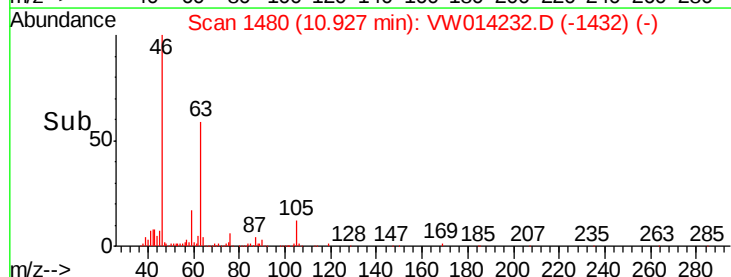
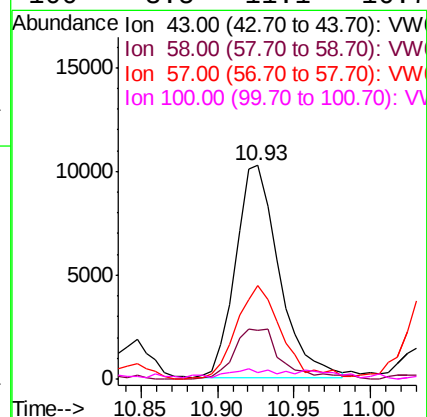
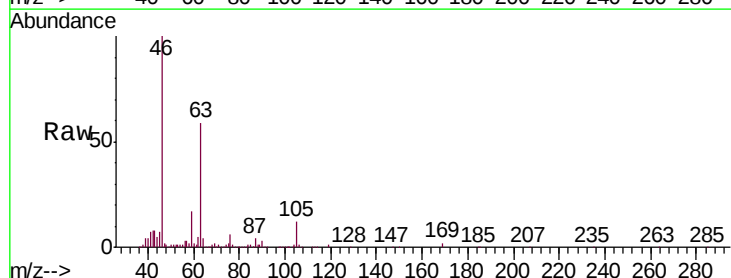
Ion Ratio Lower Upper

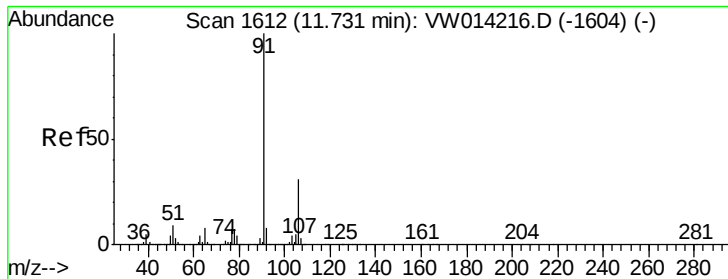
43 100

58 24.0 44.4 66.6#

57 43.6 16.5 24.7#

100 3.5 11.1 16.7#





#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

Instrument :

MSVOA_W

ClientSampled :

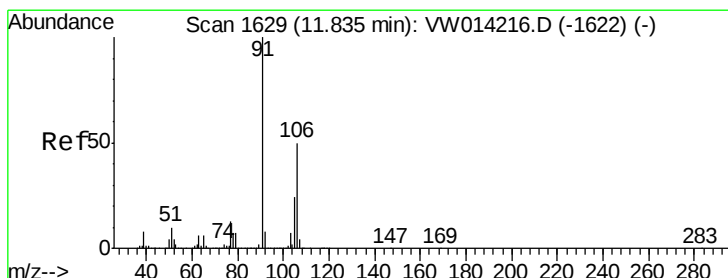
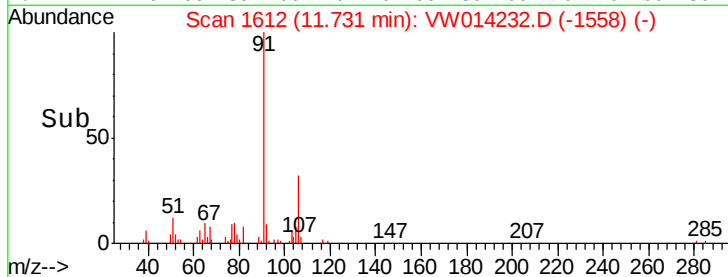
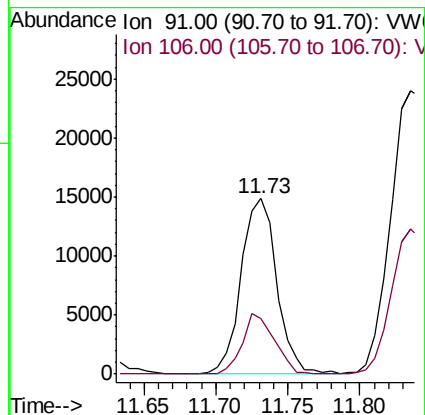
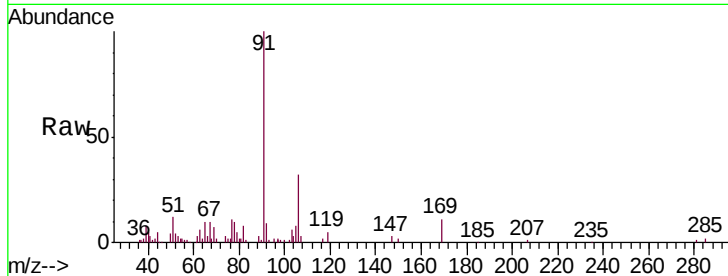
DBBT5

Tgt Ion: 91 Resp: 25580

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

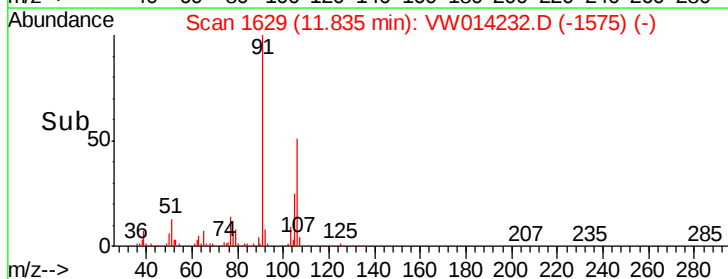
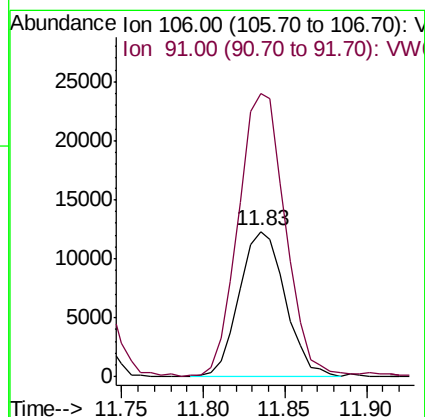
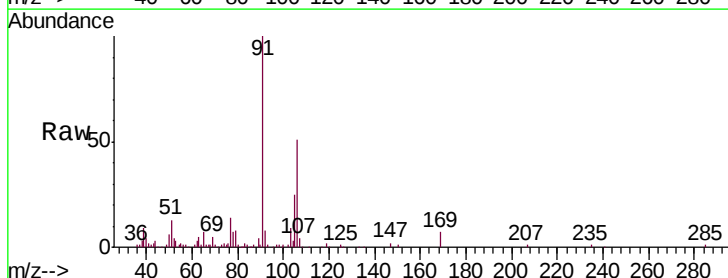
Acq: 05 Dec 2019 23:39

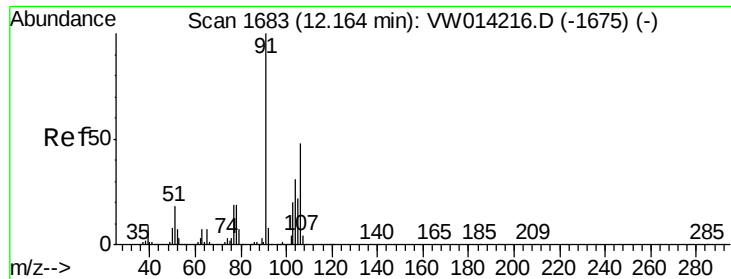
Tgt Ion: 106 Resp: 24144

Ion Ratio Lower Upper

106 100

91 194.6 138.7 257.5





#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

Instrument :
MSVOA_W
ClientSampleId :
DBBT5

Tgt Ion:106 Resp: 6836
Ion Ratio Lower Upper
106 100
91 180.7 148.3 275.5

