

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014311.D
 Acq On : 11 Dec 2019 18:33
 Operator : SY/VA
 Sample : K6172-17RE
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 05:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 04:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	976851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	653165	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	166809	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	332239	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
7) Chloroethane-d5	2.89	69	311457	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.28%
10) 1,1-Dichloroethene-d2	4.01	63	466501	17.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.40%
20) 2-Butanone-d5	7.07	46	168006	43.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.18%
24) Chloroform-d	7.65	84	672909	27.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	8.30	65	326218	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	1378881	36.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.08%#
33) 1,2-Dichloropropane-d6	9.27	67	443279	37.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.56%#
37) Toluene-d8	10.32	98	1045052	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.76%
38) trans-1,3-Dichloropropene-	10.57	79	98172	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.48%
39) 2-Hexanone-d5	10.92	63	114958	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	257269	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	185485	29.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.40%

Target Compounds

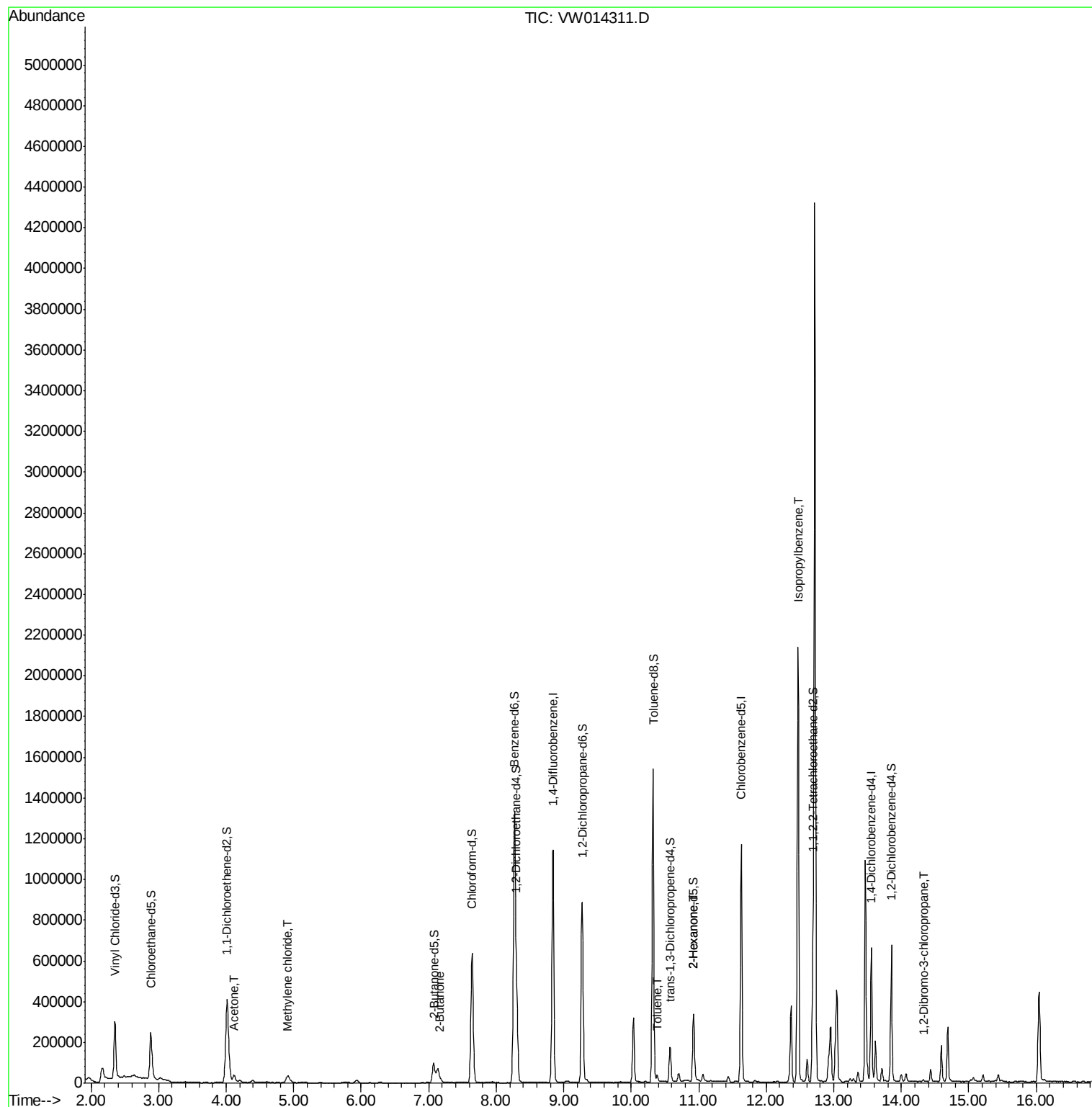
					Ovalue
13) Acetone	4.11	43	61565	16.565 ug/L	99
16) Methylene chloride	4.91	84	28675	1.915 ug/L	98
21) 2-Butanone	7.17	43	23927	4.795 ug/L	99
44) Toluene	10.38	91	20732	0.478 ug/L	90
49) 2-Hexanone	10.92	43	16743	3.357 ug/L #	65
57) Isopropylbenzene	12.47	105	87477	1.963 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	14.33	75	1044	1.298 ug/L #	1

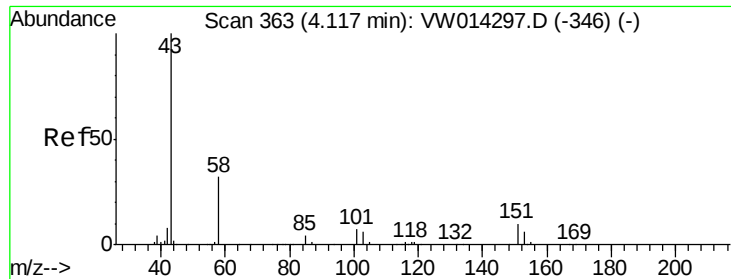
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 12 04:57:07 2019
Response via : Initial Calibration

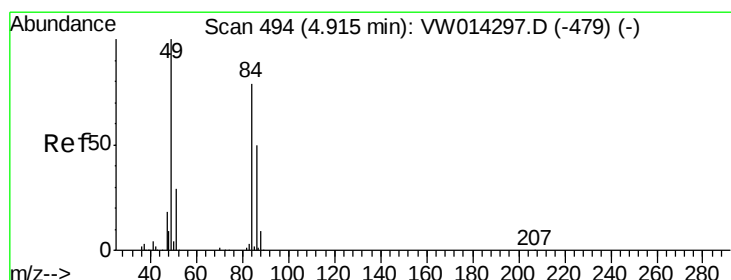
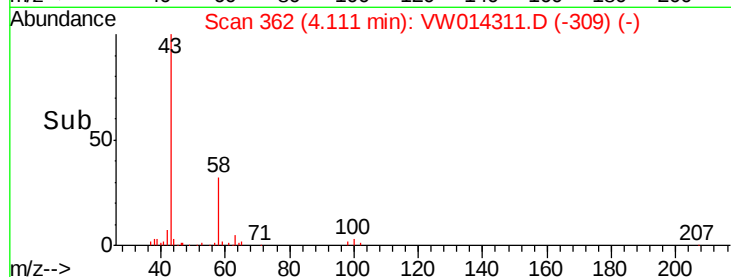
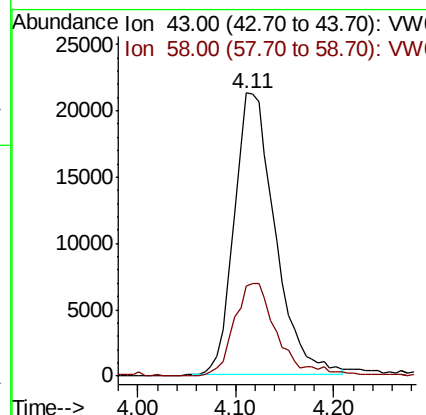
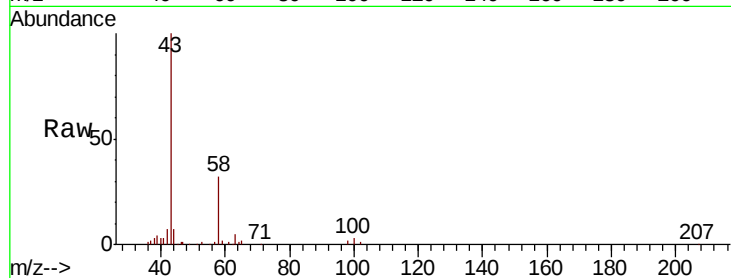




#13
Acetone
Concen: 16.565 ug/L
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW014311.D
Acq: 11 Dec 2019 18:33

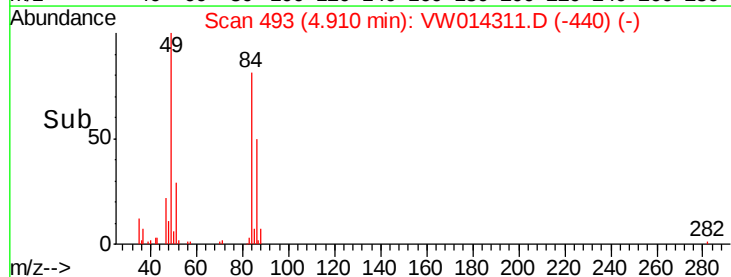
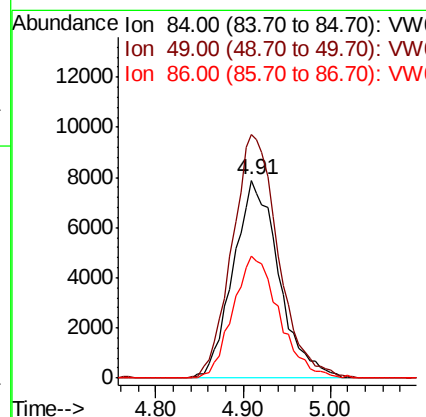
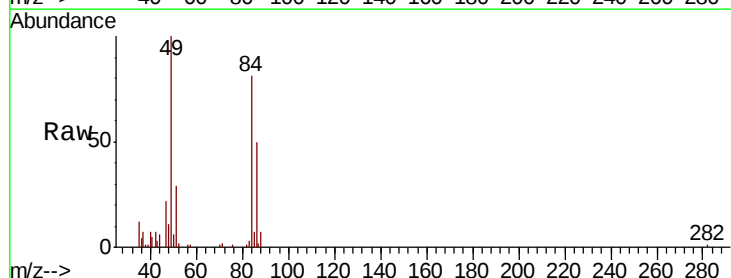
Instrument :
MSVOA_W
ClientSampleId :

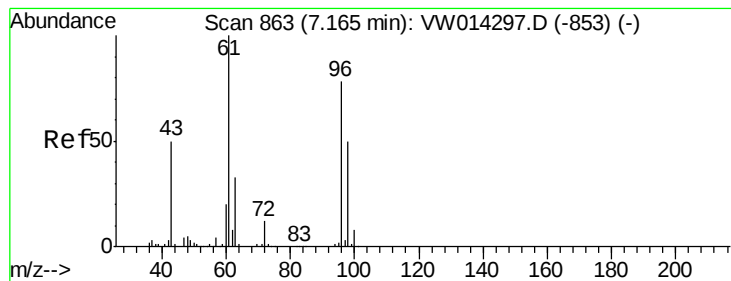
Tot Ion: 43 Resp: 61565
Ion Ratio Lower Upper
43 100
58 32.3 0.0 65.4



#16
Methylene chloride
Concen: 1.915 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014311.D
Acq: 11 Dec 2019 18:33

Tgt Ion: 84 Resp: 28675
Ion Ratio Lower Upper
84 100
49 123.2 84.2 156.4
86 61.7 43.7 81.1





#21

2-Butanone

Concen: 4.795 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014311.D

Acq: 11 Dec 2019 18:33

Instrument :

MSVOA_W

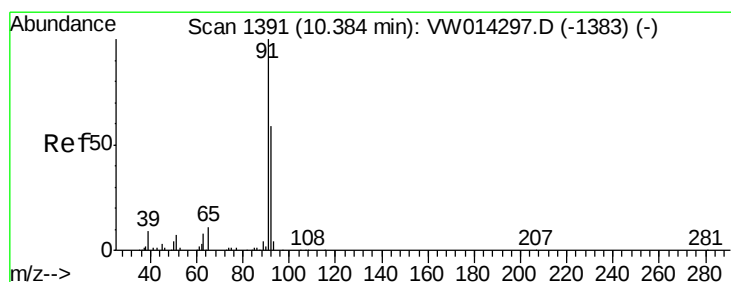
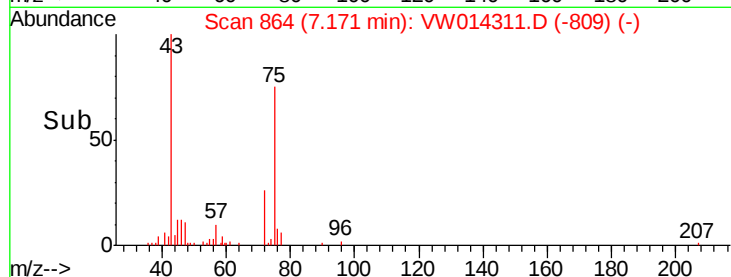
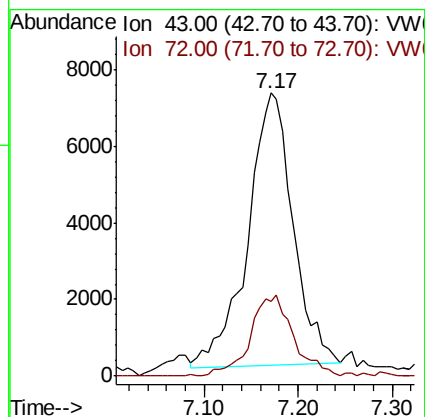
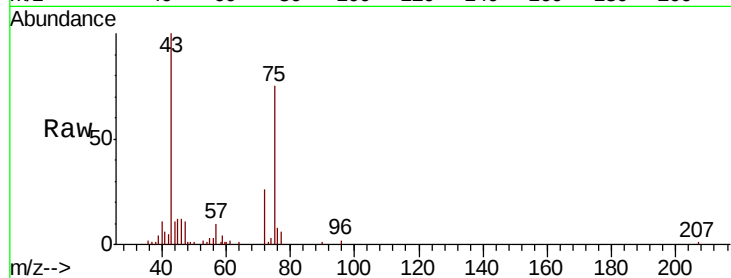
ClientSampled :

Tot Ion: 43 Resp: 23927

Ion Ratio Lower Upper

43 100

72 27.5 14.1 42.2



#44

Toluene

Concen: 0.478 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014311.D

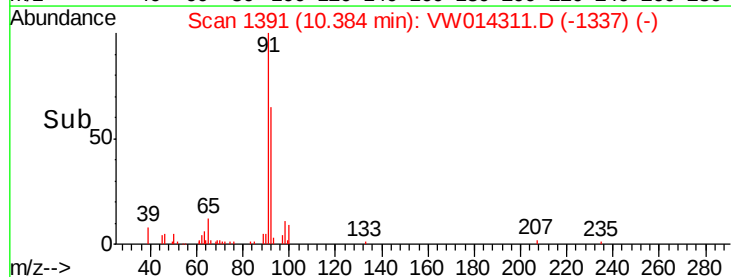
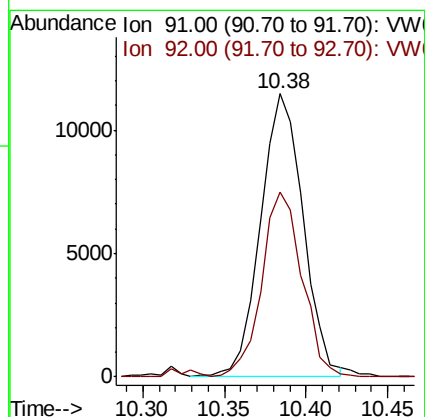
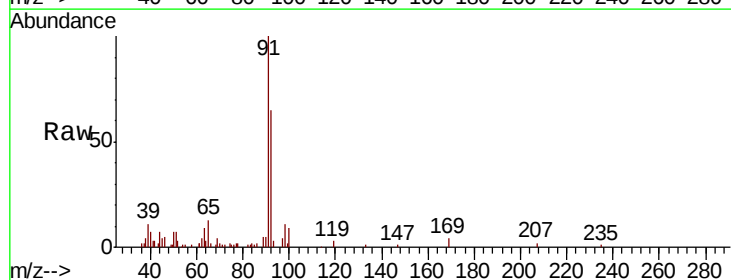
Acq: 11 Dec 2019 18:33

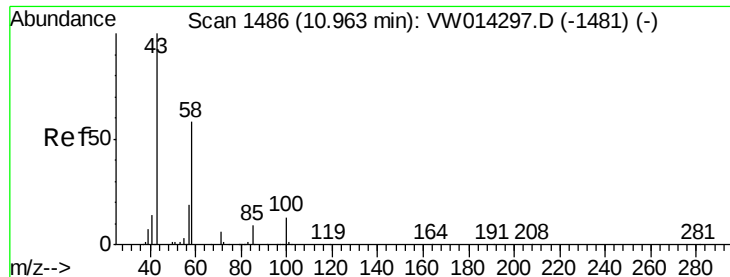
Tgt Ion: 91 Resp: 20732

Ion Ratio Lower Upper

91 100

92 65.4 40.7 75.7

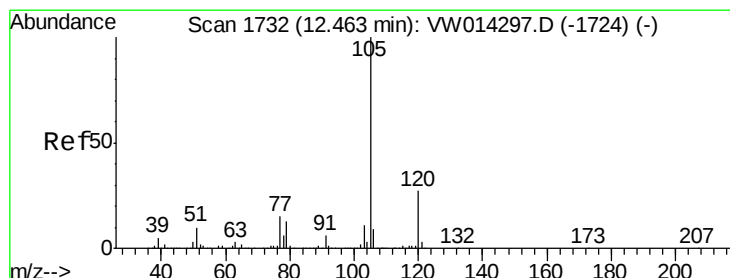
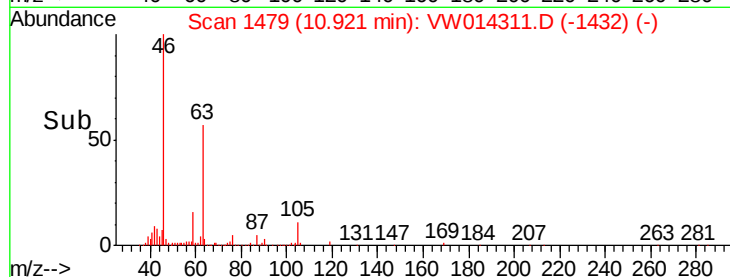
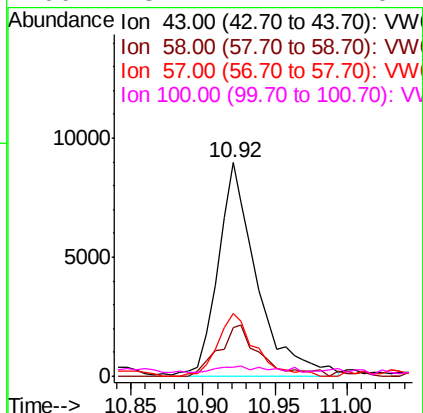
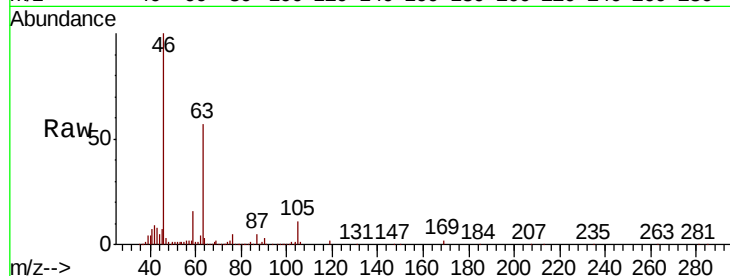




#49
2-Hexanone
Concen: 3.357 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW014311.D
Acq: 11 Dec 2019 18:33

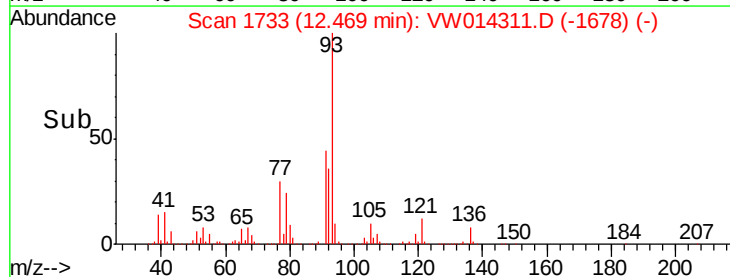
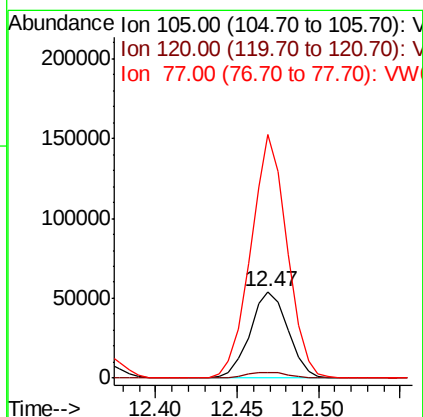
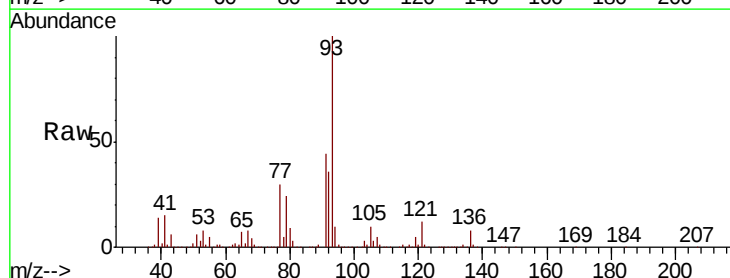
Instrument :
MSVOA_W
ClientSampleId :

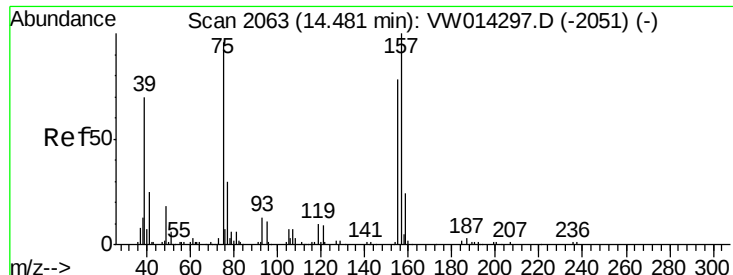
Tot Ion	Ratio	Lower	Upper
43	100		
58	23.3	44.4	66.6#
57	27.8	16.5	24.7#
100	3.4	11.1	16.7#



#57
Isopropylbenzene
Concen: 1.963 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW014311.D
Acq: 11 Dec 2019 18:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	8.4	21.6	32.4#
77	268.0	11.6	17.4#





#66

1,2-Dibromo-3-chloropropane

Concen: 1.298 ug/L

RT: 14.33 min Scan# 2038

Delta R.T. -0.15 min

Lab File: VW014311.D

Acq: 11 Dec 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

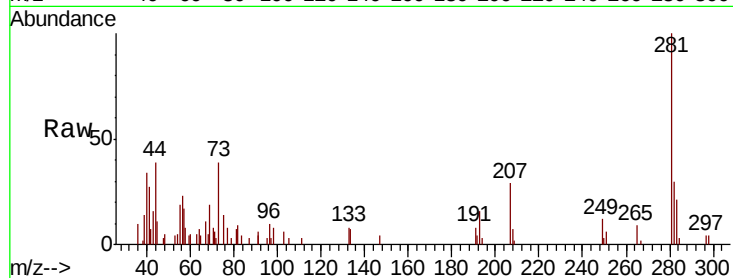
Tot Ion: 75 Resp: 1044

Ion Ratio Lower Upper

75 100

157 0.0 96.9 145.3#

155 0.0 82.9 124.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

