

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015450.D
 Acq On : 22 May 2020 14:19
 Operator : SY/VA
 Sample : L2753-02
 Misc : 5.27G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385199	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169843	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72126	14.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.88%
7) Chloroethane-d5	2.90	69	78490	16.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.56%
10) 1,1-Dichloroethene-d2	4.02	63	128108	13.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.28%
20) 2-Butanone-d5	7.08	46	76146	59.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.30%
24) Chloroform-d	7.65	84	210767	21.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	8.31	65	135871	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.76%
29) Benzene-d6	8.27	84	412296	21.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.32%
33) 1,2-Dichloropropane-d6	9.27	67	134726	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.88%
37) Toluene-d8	10.32	98	392179	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.40%
38) trans-1,3-Dichloropropene-	10.58	79	62550	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.72%
39) 2-Hexanone-d5	10.93	63	67406	61.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122379	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	141756	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%

Target Compounds

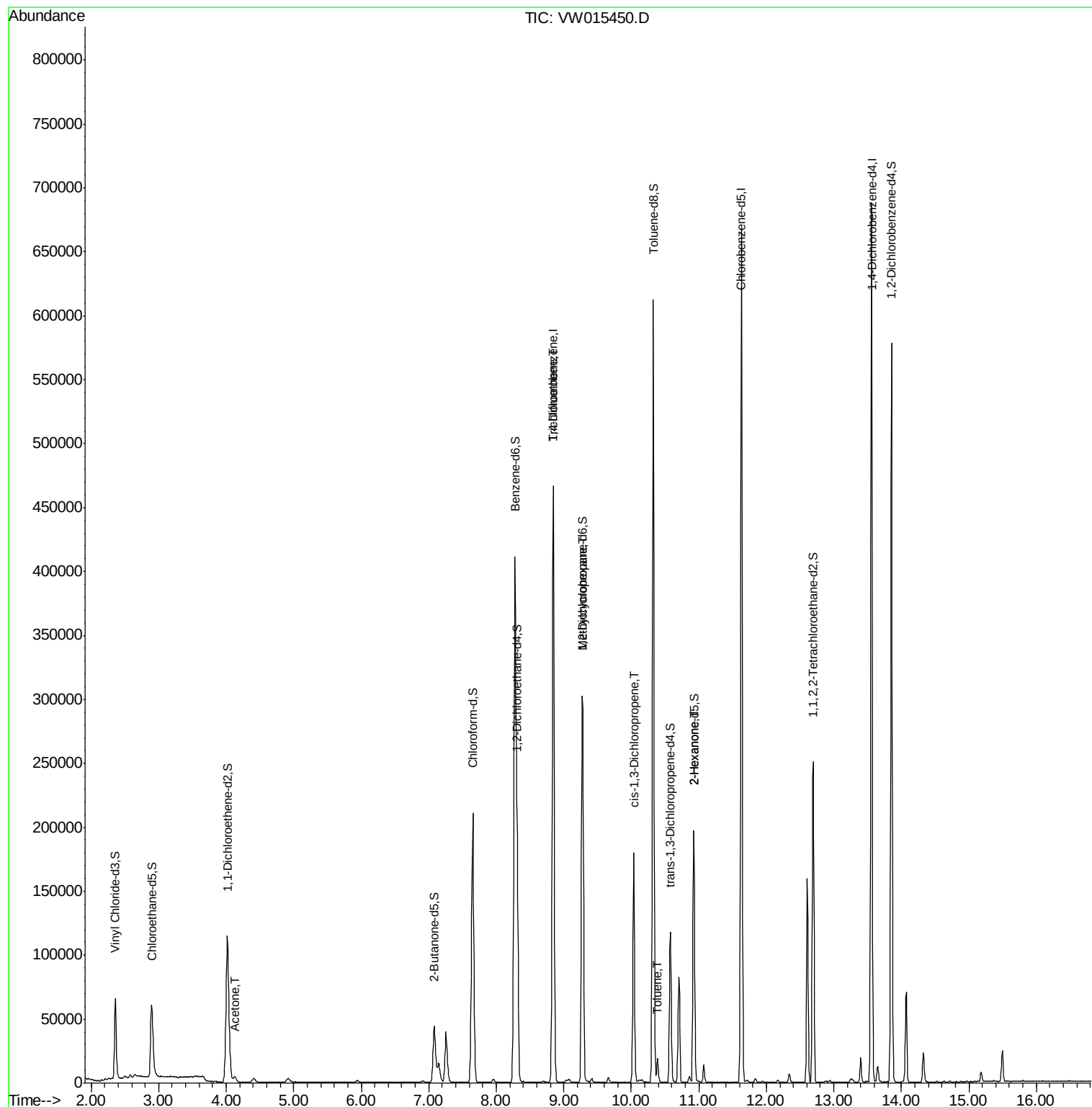
					Ovalue
13) Acetone	4.13	43	6972	7.152 ug/L	97
35) Trichloroethene	8.84	95	11963	2.134 ug/L #	6
36) Methylcyclohexane	9.27	83	33001	3.316 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4535	0.537 ug/L #	57
44) Toluene	10.39	91	13426	0.587 ug/L	98
49) 2-Hexanone	10.93	43	9048	4.100 ug/L #	66

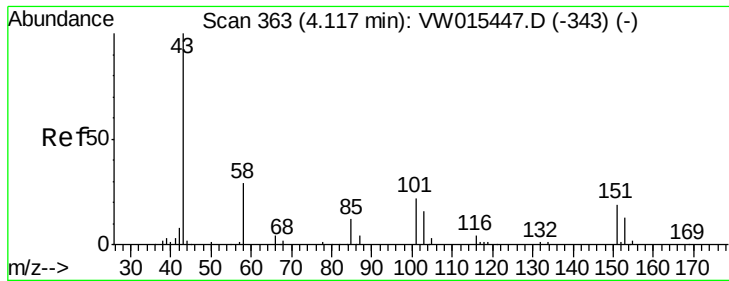
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 03:53:37 2020
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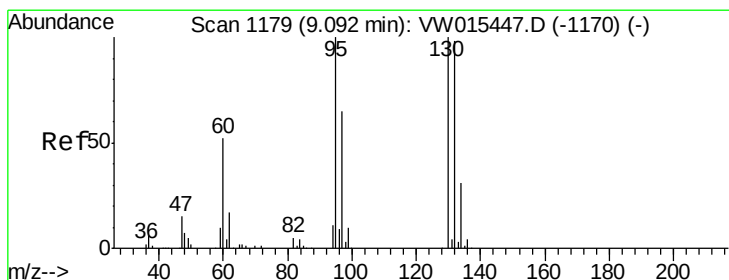
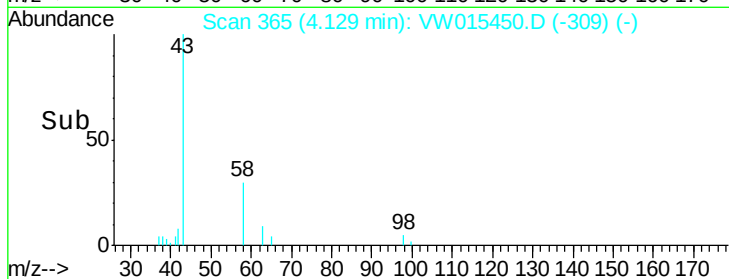
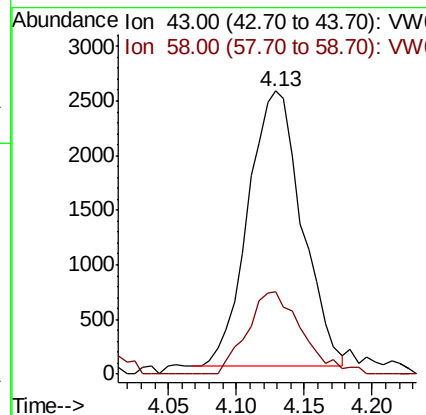
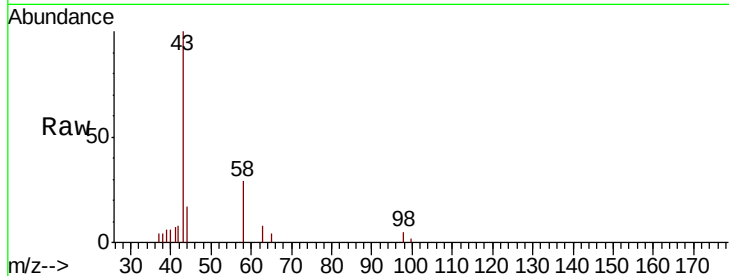




#13
Acetone
Concen: 7.152 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015450.D
Acq: 22 May 2020 14:19

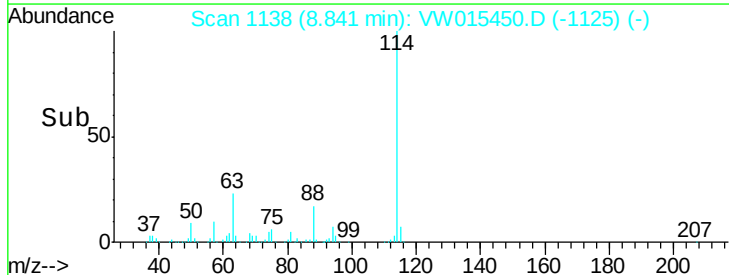
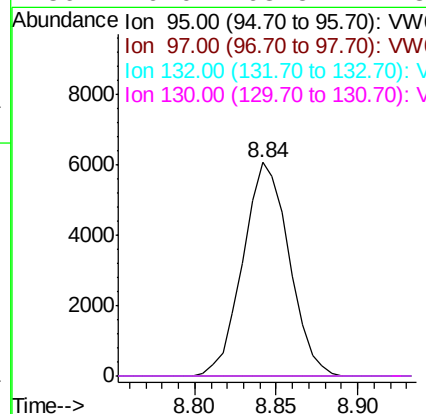
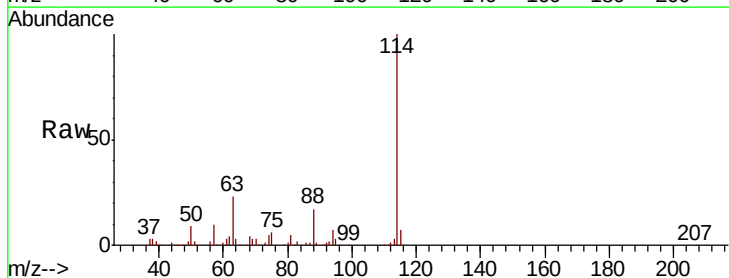
Instrument :
MSVOA_W
ClientSampleId :

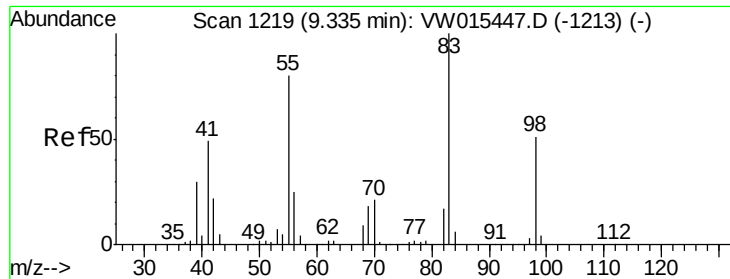
Tot Ion: 43 Resp: 6972
Ion Ratio Lower Upper
43 100
58 29.8 0.0 57.0



#35
Trichloroethene
Concen: 2.134 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015450.D
Acq: 22 May 2020 14:19

Tgt Ion: 95 Resp: 11963
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 64.5 119.7#
130 0.0 68.5 127.3#

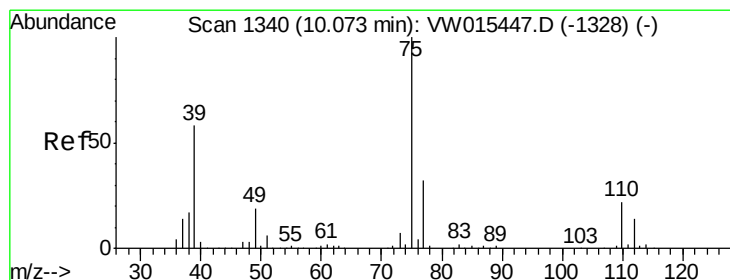
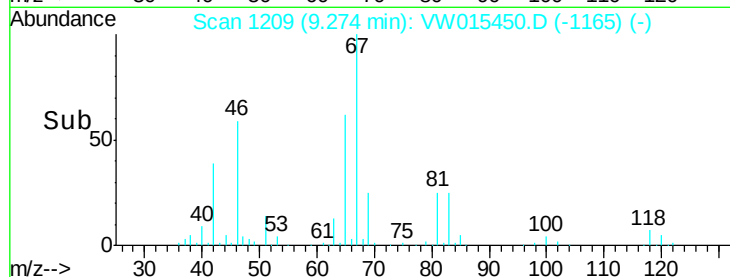
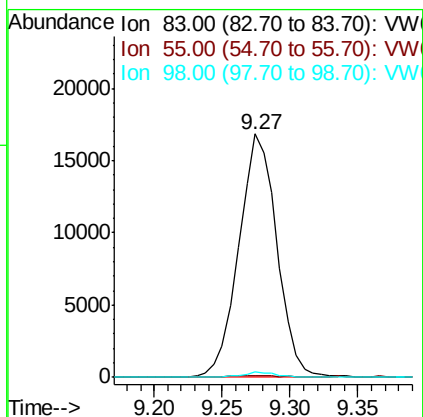
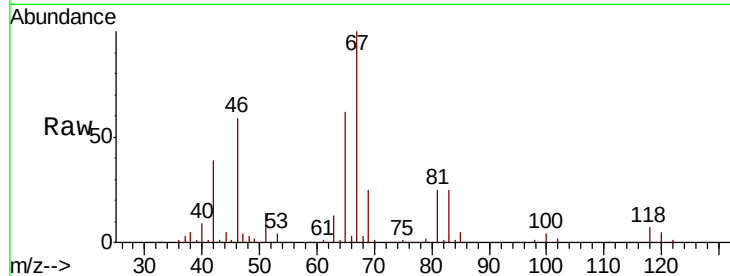




#36
Methylcyclohexane
Concen: 3.316 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015450.D
Acq: 22 May 2020 14:19

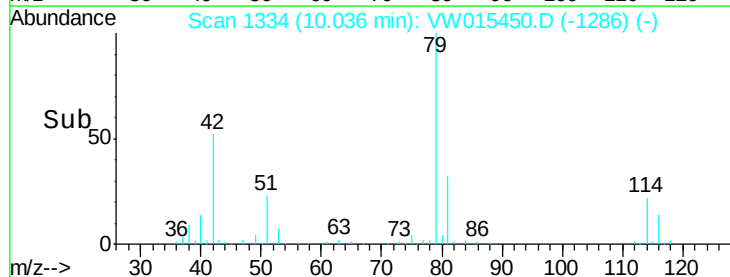
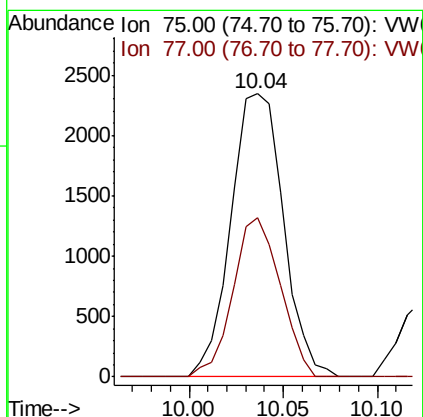
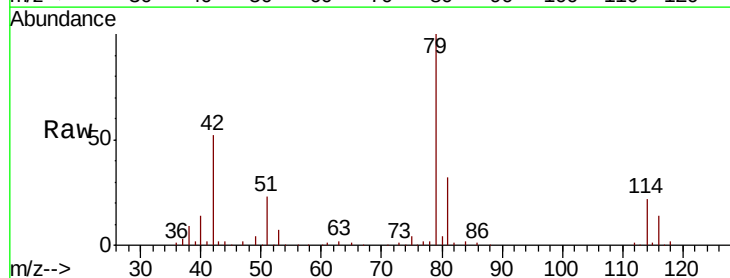
Instrument :
MSVOA_W
ClientSampleId :

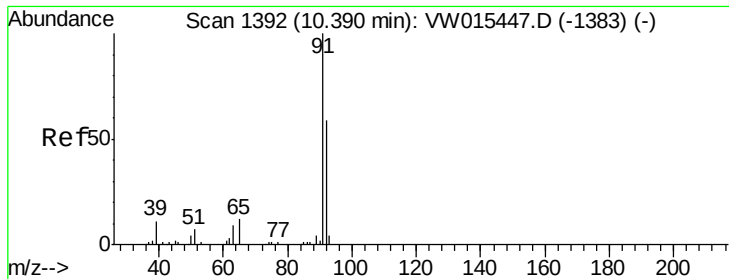
Tot Ion: 83 Resp: 33001
Ion Ratio Lower Upper
83 100
55 0.9 64.5 96.7#
98 1.7 39.8 59.6#



#42
cis-1,3-Dichloropropene
Concen: 0.537 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015450.D
Acq: 22 May 2020 14:19

Tgt Ion: 75 Resp: 4535
Ion Ratio Lower Upper
75 100
77 56.2 22.4 41.6#





#44

Toluene

Concen: 0.587 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015450.D

Acq: 22 May 2020 14:19

Instrument :

MSVOA_W

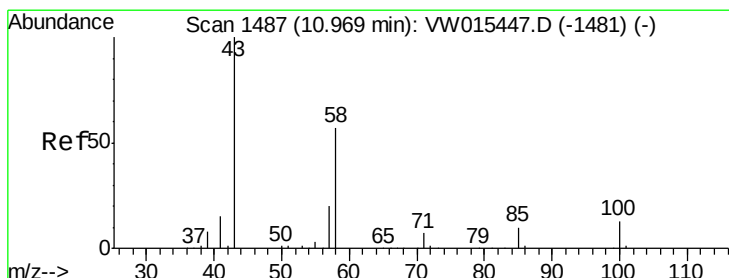
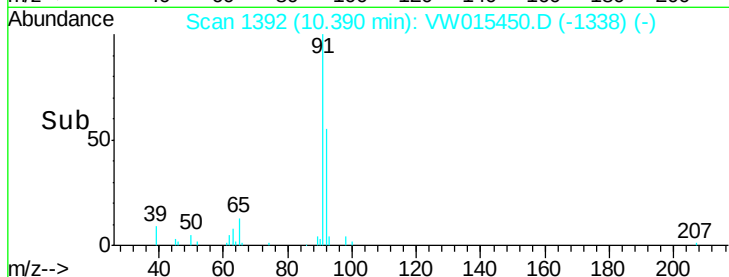
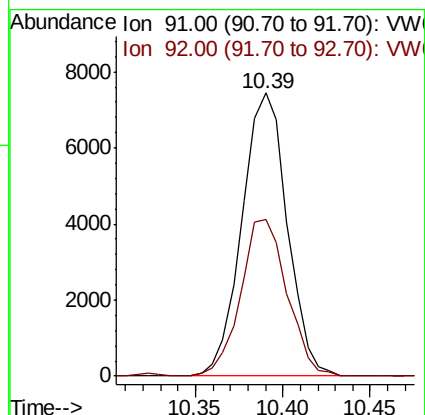
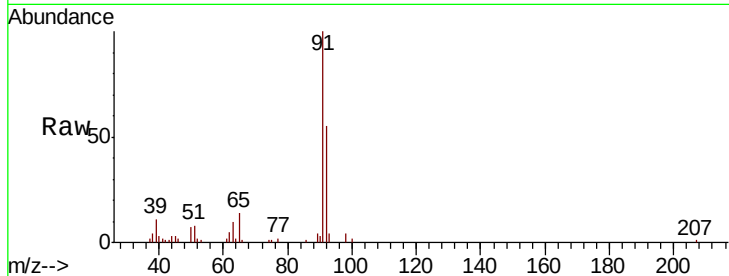
ClientSampleId :

Tot Ion: 91 Resp: 13426

Ion Ratio Lower Upper

91 100

92 55.2 39.8 74.0



#49

2-Hexanone

Concen: 4.100 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015450.D

Acq: 22 May 2020 14:19

Tgt Ion: 43 Resp: 9048

Ion Ratio Lower Upper

43 100

58 19.6 41.5 62.3#

57 20.5 15.3 22.9

100 0.0 9.5 14.3#

