

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015907.D
 Acq On : 22 Jul 2020 16:45
 Operator : SY/VA
 Sample : L3388-13
 Misc : 4.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD9

Quant Time: Jul 23 03:05:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	470165	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402811	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	151660	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
7) Chloroethane-d5	2.89	69	117237	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	4.01	63	220492	16.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.76%
20) 2-Butanone-d5	7.09	46	103579	59.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.88%
24) Chloroform-d	7.65	84	286957	21.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.92%
26) 1,2-Dichloroethane-d4	8.31	65	179056	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	8.27	84	574481	23.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.72%
33) 1,2-Dichloropropane-d6	9.28	67	177606	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.33	98	498761	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.84%
38) trans-1,3-Dichloropropene-	10.58	79	72014	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.96%
39) 2-Hexanone-d5	10.93	63	74225	60.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142575	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	112754	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

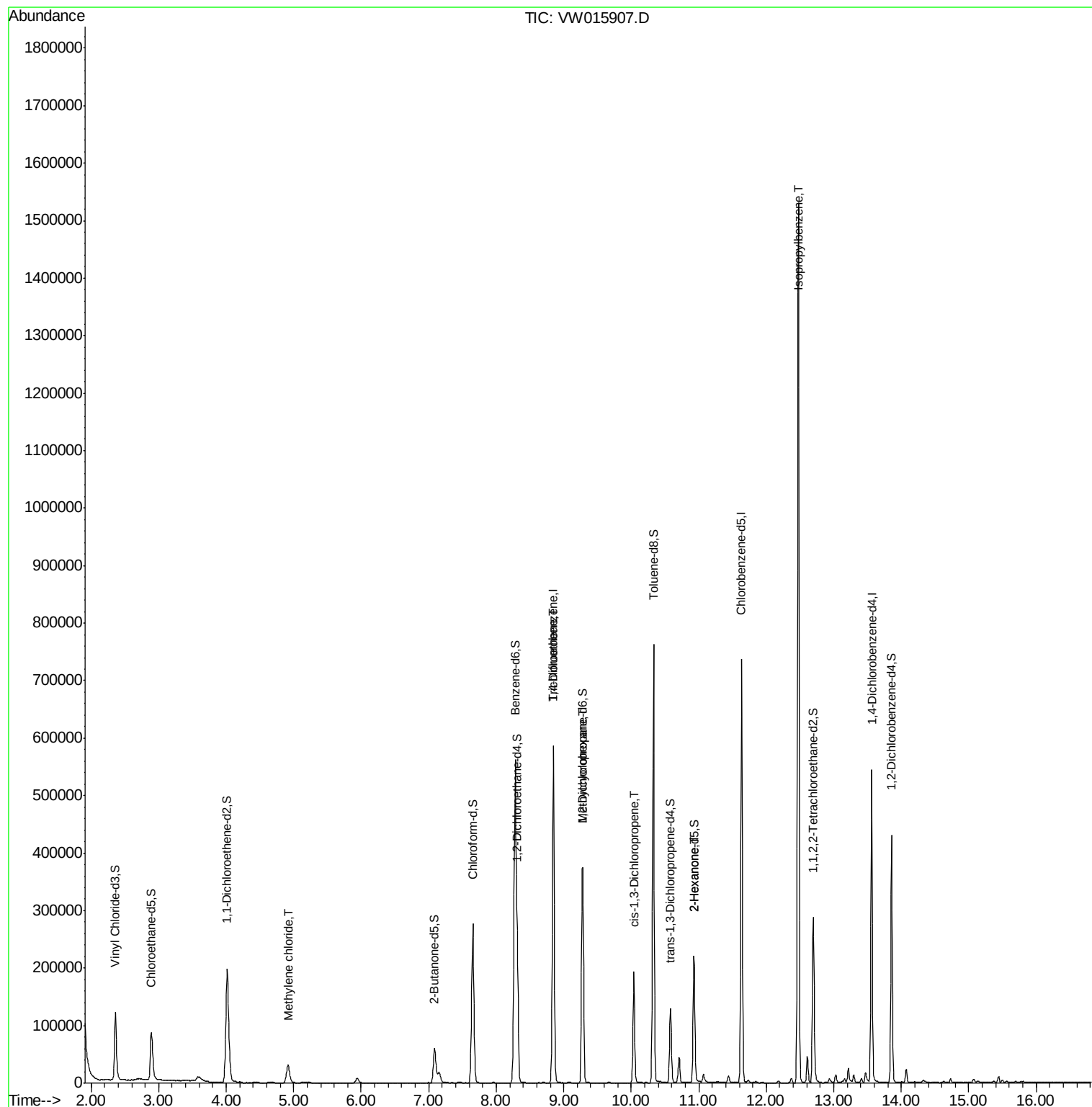
					Ovalue
16) Methylene chloride	4.92	84	25213	3.273 ug/L	96
35) Trichloroethene	8.85	95	14018	2.166 ug/L #	6
36) Methylcyclohexane	9.28	83	42808	3.855 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4730	0.512 ug/L #	71
49) 2-Hexanone	10.93	43	10737	4.277 ug/L #	68
57) Isopropylbenzene	12.48	105	64144	2.318 ug/L #	1

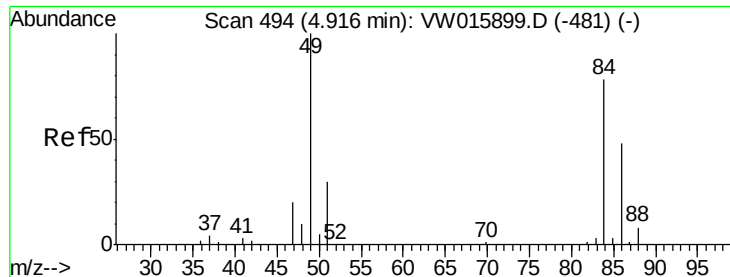
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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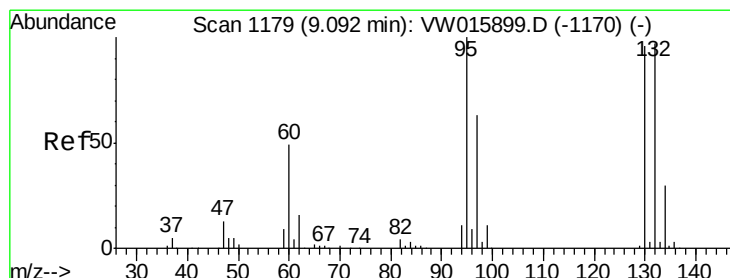
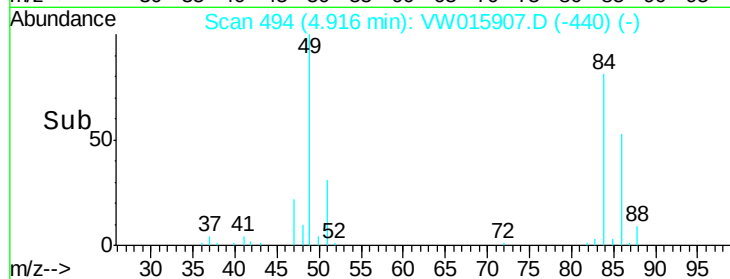
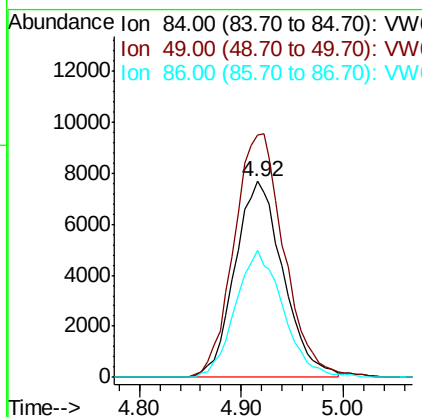
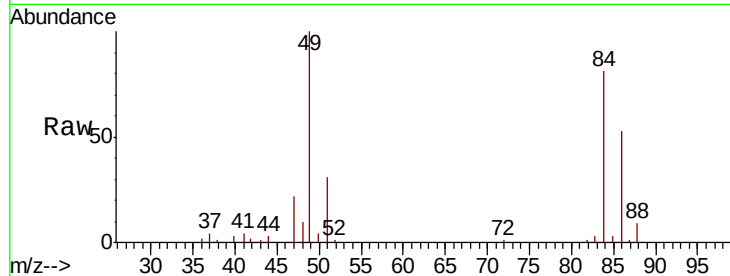




#16
Methvlene chloride
Concen: 3.273 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015907.D
Acq: 22 Jul 2020 16:45

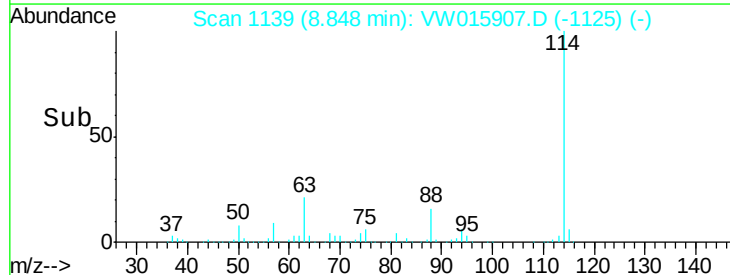
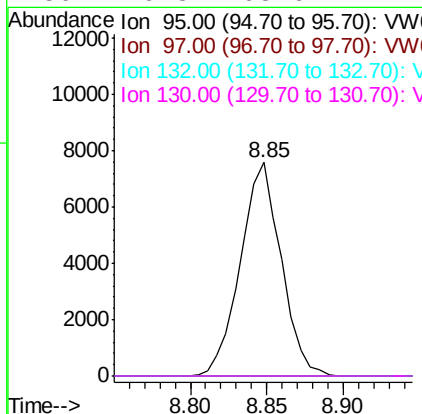
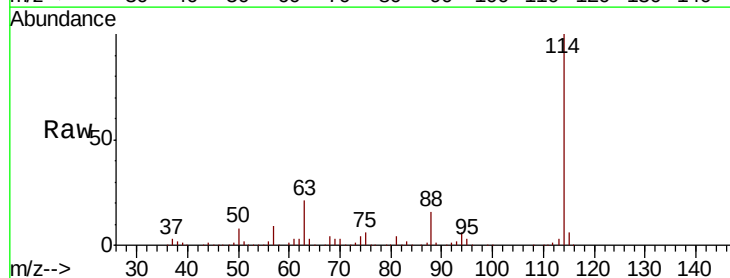
Instrument :
MSVOA_W
ClientSampleId :
C0AD9

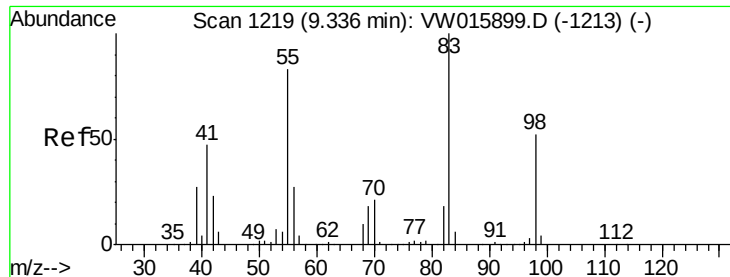
Tot Ion: 84 Resp: 25213
Ion Ratio Lower Upper
84 100
49 123.7 91.1 169.1
86 65.1 46.0 85.4



#35
Trichloroethene
Concen: 2.166 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015907.D
Acq: 22 Jul 2020 16:45

Tgt Ion: 95 Resp: 14018
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.1 120.9#
130 0.3 68.6 127.4#

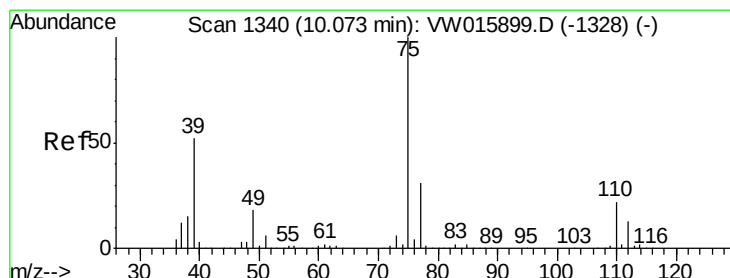
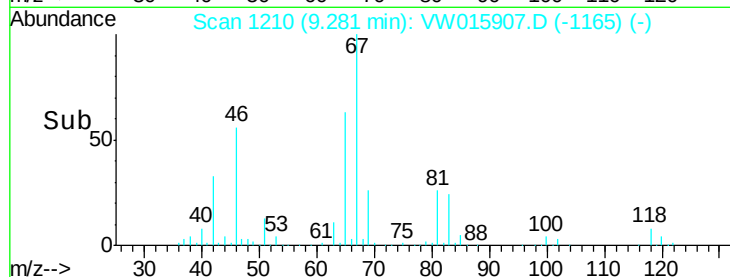
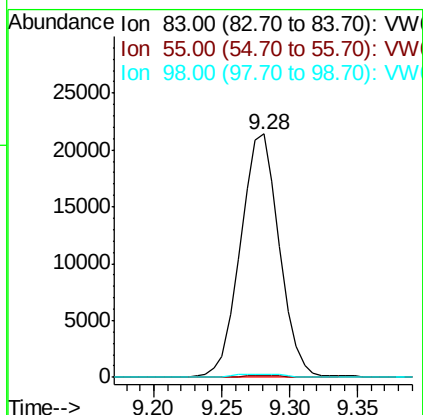
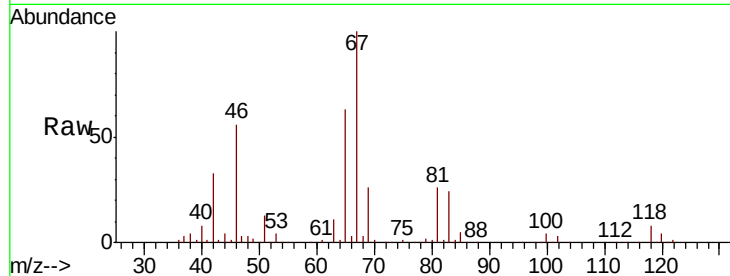




#36
Methylcyclohexane
Concen: 3.855 ug/L
RT: 9.28 min Scan# 1219
Delta R.T. -0.05 min
Lab File: VW015907.D
Acq: 22 Jul 2020 16:45

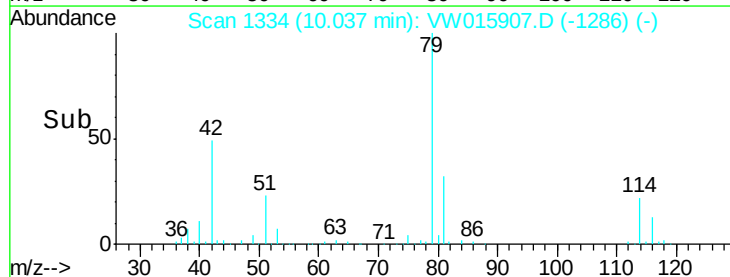
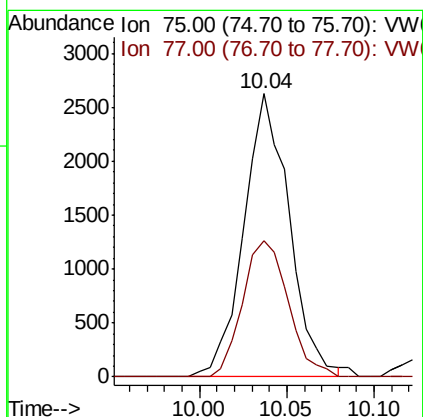
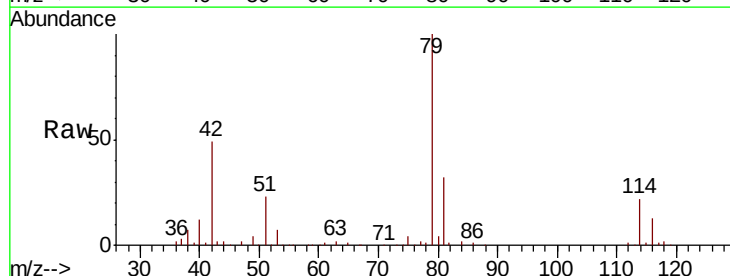
Instrument :
MSVOA_W
ClientSampled :
C0AD9

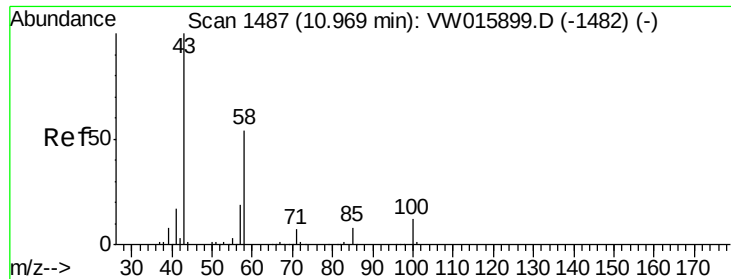
Tot Ion: 83 Resp: 42808
Ion Ratio Lower Upper
83 100
55 0.7 63.5 95.3#
98 1.6 39.0 58.4#



#42
cis-1,3-Dichloropropene
Concen: 0.512 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015907.D
Acq: 22 Jul 2020 16:45

Tgt Ion: 75 Resp: 4730
Ion Ratio Lower Upper
75 100
77 48.0 22.2 41.2#





#49

2-Hexanone

Concen: 4.277 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015907.D

Acq: 22 Jul 2020 16:45

Instrument :

MSVOA_W

ClientSampled :

C0AD9

Tot Ion: 43 Resp: 10737

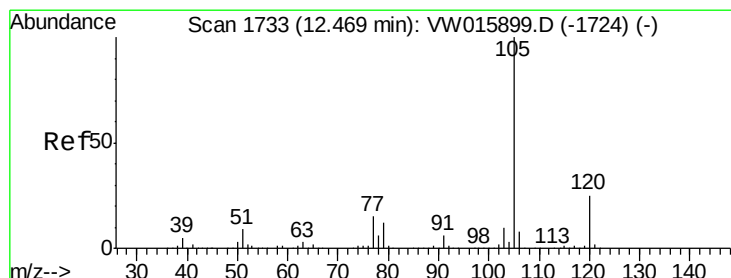
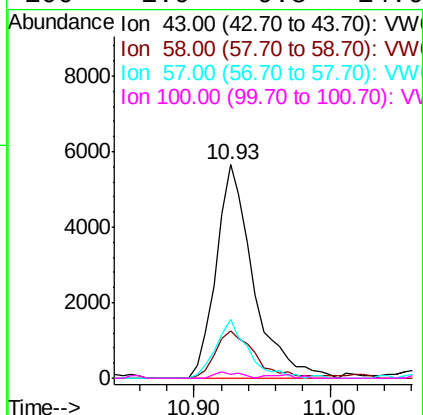
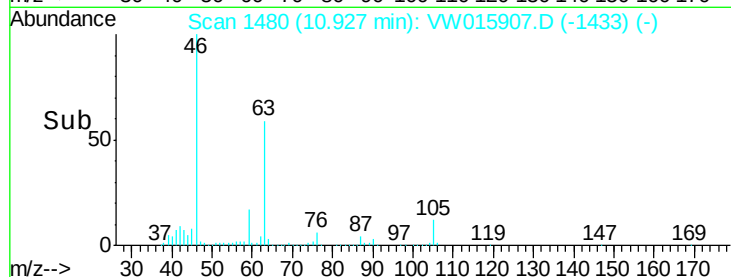
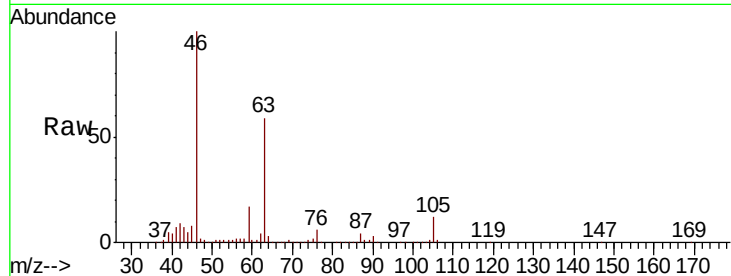
Ion Ratio Lower Upper

43 100

58 23.3 42.4 63.6#

57 22.6 15.6 23.4

100 1.9 9.8 14.6#



#57

Isopropylbenzene

Concen: 2.318 ug/L

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW015907.D

Acq: 22 Jul 2020 16:45

Tgt Ion: 105 Resp: 64144

Ion Ratio Lower Upper

105 100

120 7.3 20.4 30.6#

77 274.6 12.9 19.3#

