

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015605.D
 Acq On : 16 Jun 2020 14:21
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK11

Quant Time: Jun 17 06:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	309887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129628	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	58199	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.90	69	66690	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
10) 1,1-Dichloroethene-d2	4.01	63	105876	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	7.09	46	46144	49.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.54%
24) Chloroform-d	7.65	84	166793	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	96414	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.28	84	324533	23.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.84%
33) 1,2-Dichloropropane-d6	9.28	67	99157	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	10.32	98	302750	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.08%
38) trans-1,3-Dichloropropene-	10.58	79	39036	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.93	63	36587	49.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74762	23.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	103481	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds

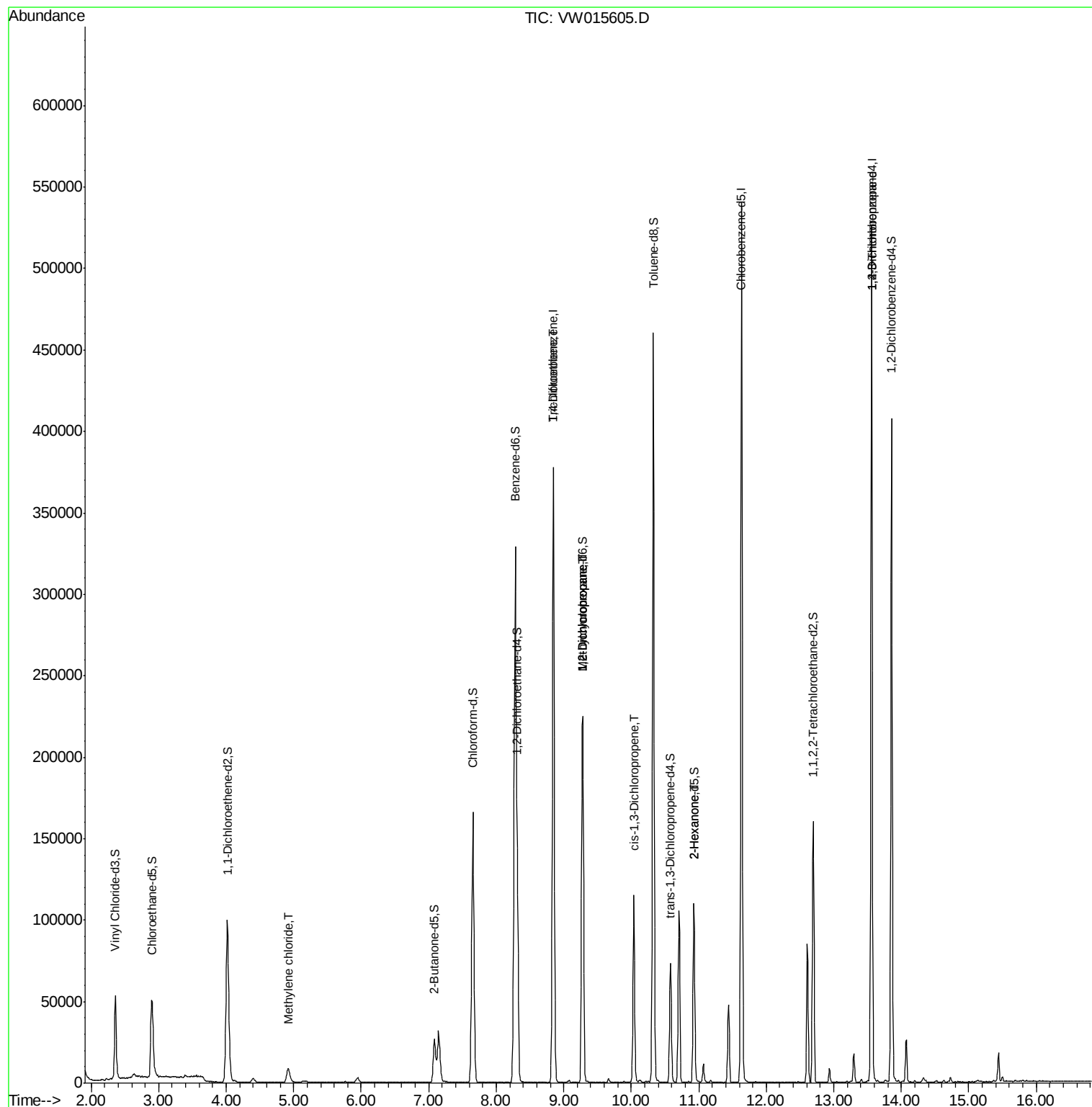
					Ovalue
16) Methylene chloride	4.92	84	6794	1.786 ug/L	90
35) Trichloroethene	8.85	95	9798	2.288 ug/L #	5
36) Methylcyclohexane	9.28	83	24812	3.248 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	12022	3.062 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3185	0.507 ug/L #	62
49) 2-Hexanone	10.93	43	4913	3.162 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	16171	6.706 ug/L	89

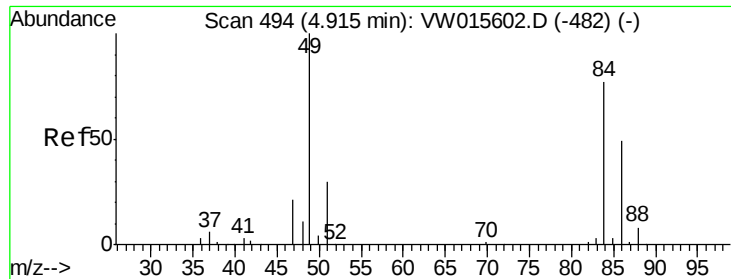
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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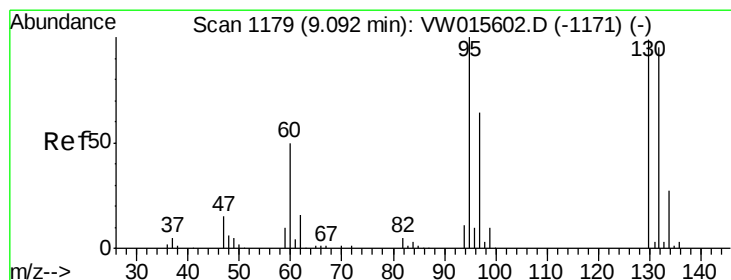
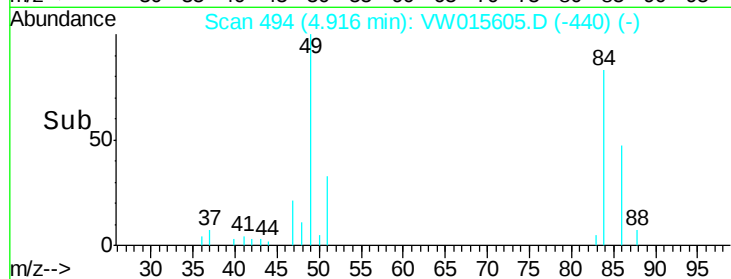
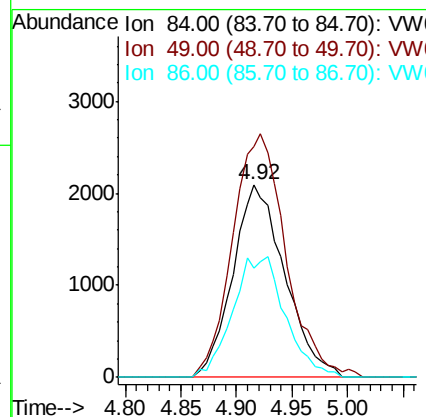
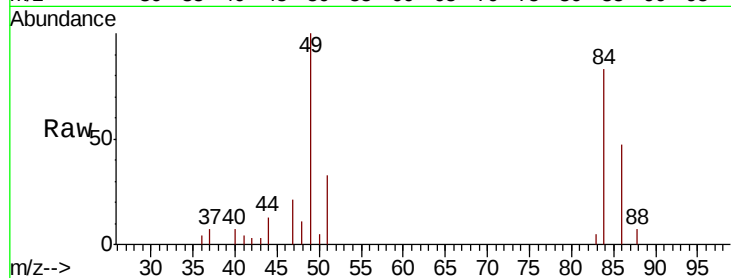




#16
Methvlene chloride
Concen: 1.786 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015605.D
Acq: 16 Jun 2020 14:21

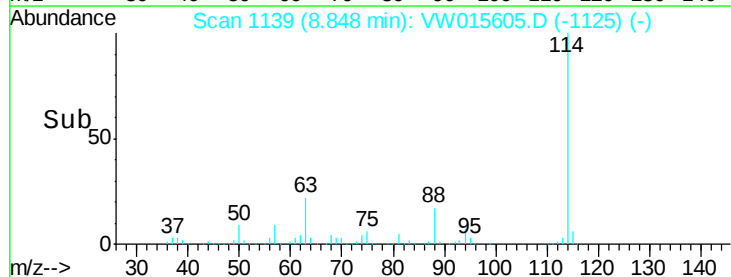
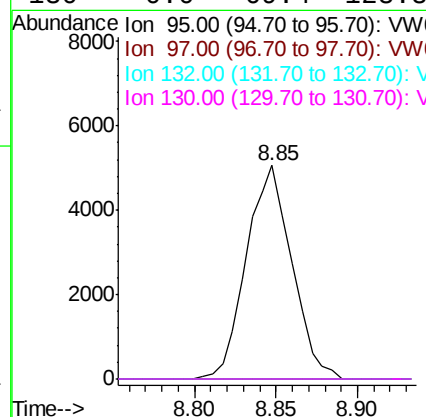
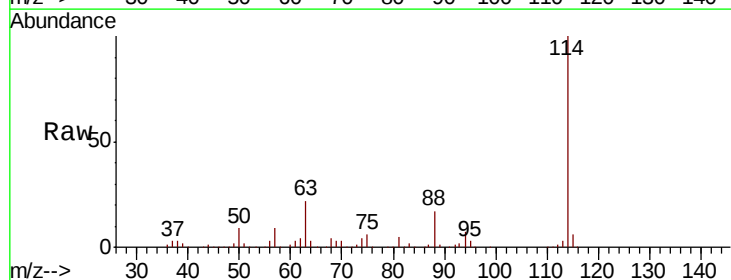
Instrument :
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VIBLK11

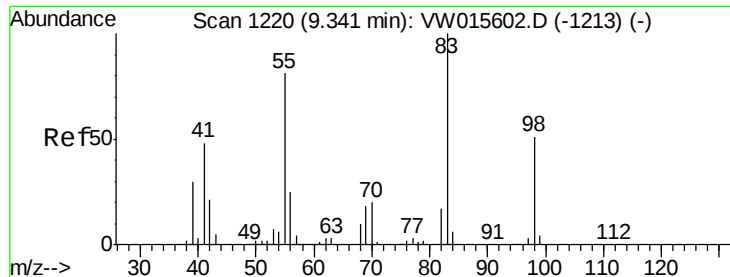
Tot Ion: 84 Resp: 6794
Ion Ratio Lower Upper
84 100
49 120.1 93.0 172.8
86 57.0 44.7 83.1



#35
Trichloroethene
Concen: 2.288 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015605.D
Acq: 16 Jun 2020 14:21

Tgt Ion: 95 Resp: 9798
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.2#
132 0.0 67.1 124.7#
130 0.0 69.4 128.8#

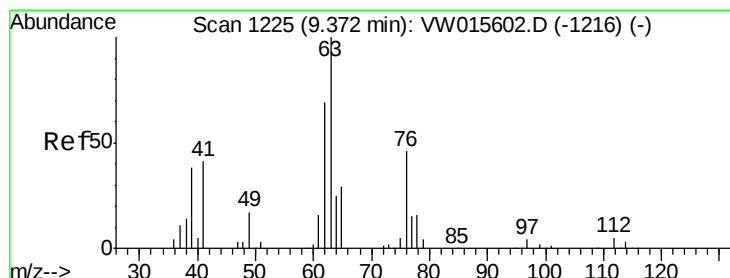
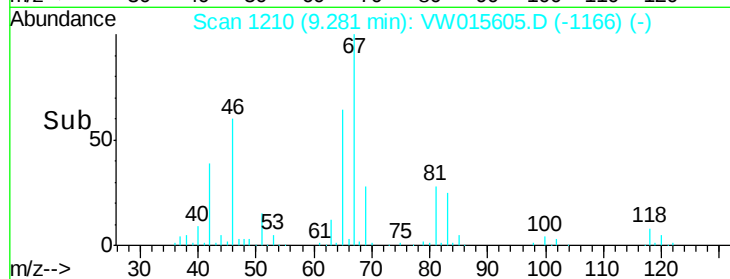
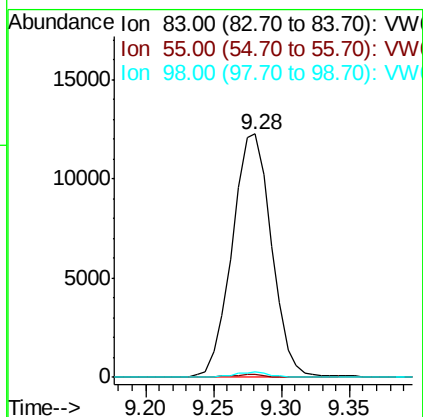
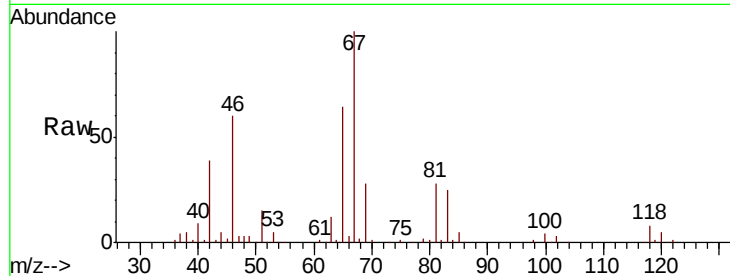




#36
Methvlcvclohexane
Concen: 3.248 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW015605.D
Acq: 16 Jun 2020 14:21

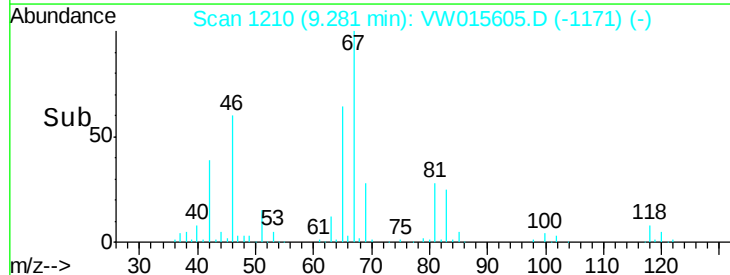
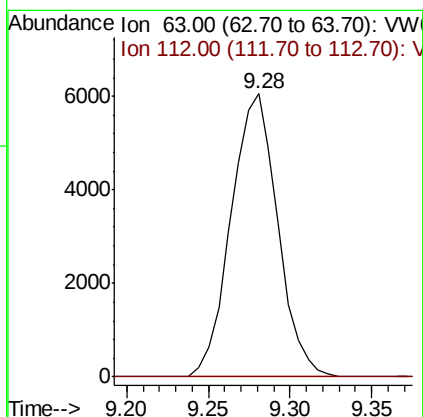
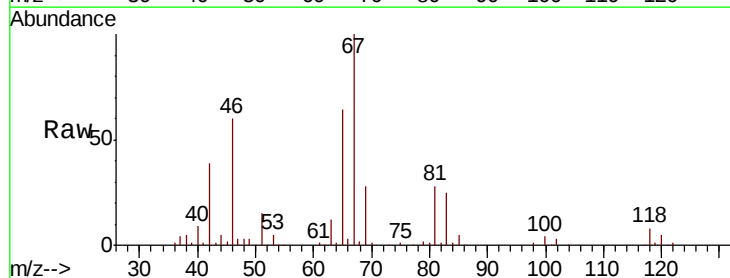
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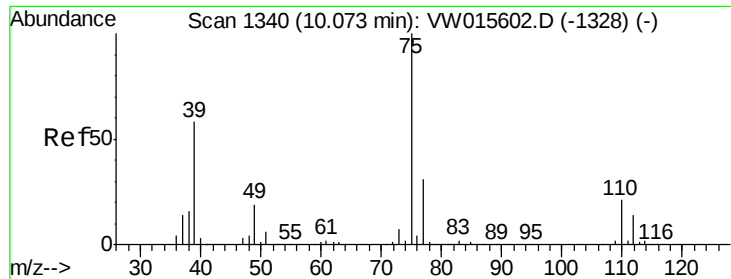
Tot Ion: 83 Resp: 24812
Ion Ratio Lower Upper
83 100
55 1.0 62.8 94.2#
98 1.9 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.062 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW015605.D
Acq: 16 Jun 2020 14:21

Tgt Ion: 63 Resp: 12022
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.507 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015605.D

Acq: 16 Jun 2020 14:21

Instrument :

MSVOA_W

ClientSampleId :

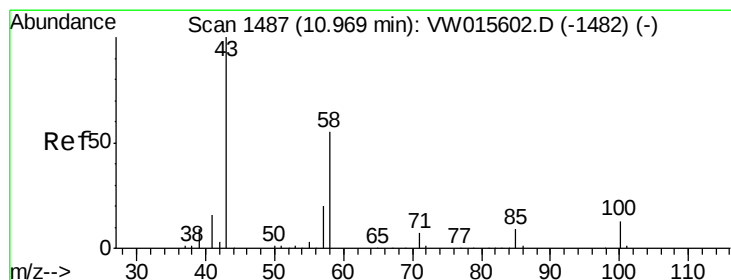
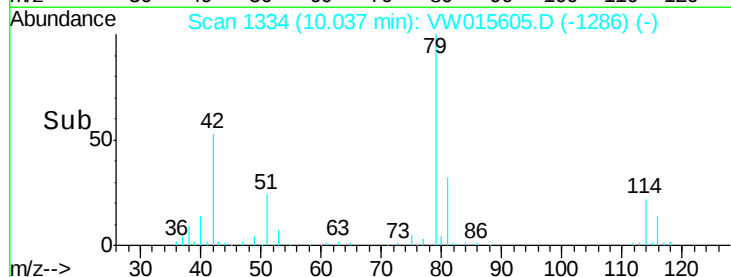
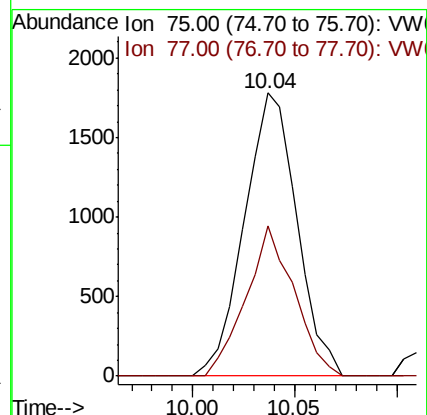
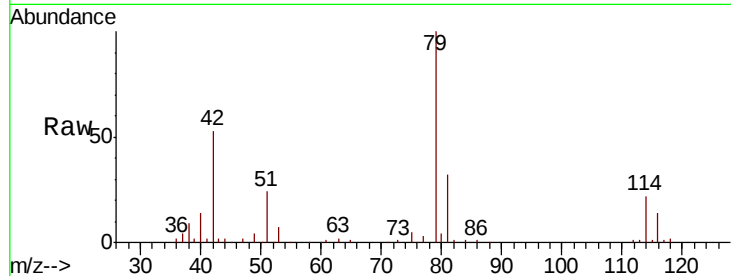
VIBLK11

Tot Ion: 75 Resp: 3185

Ion Ratio Lower Upper

75 100

77 53.1 22.3 41.5#



#49

2-Hexanone

Concen: 3.162 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015605.D

Acq: 16 Jun 2020 14:21

Tgt Ion: 43 Resp: 4913

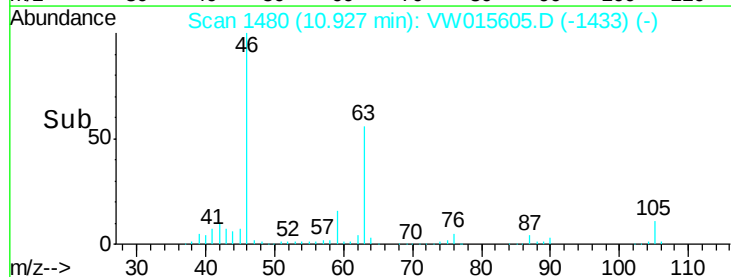
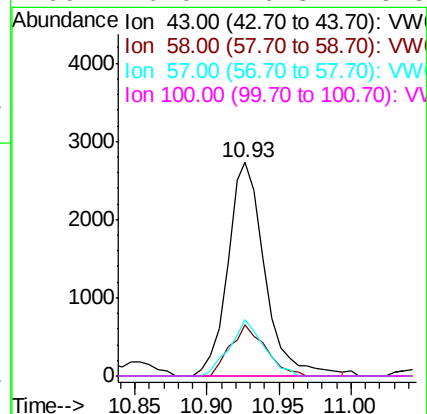
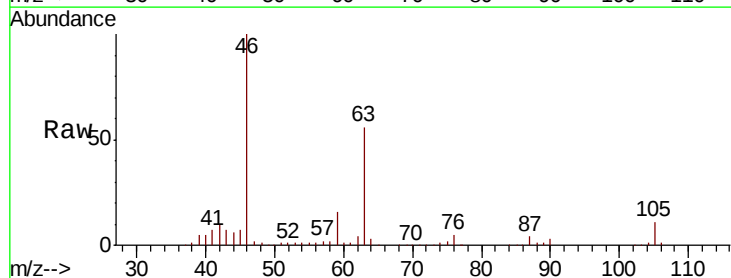
Ion Ratio Lower Upper

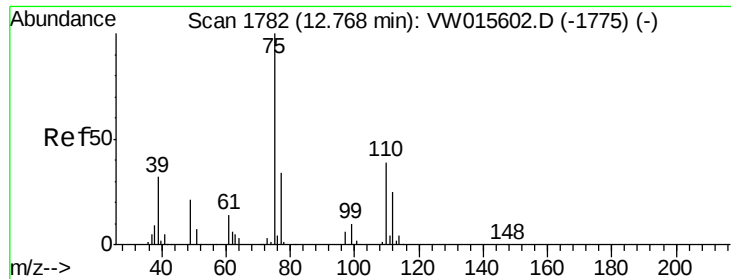
43 100

58 22.8 42.6 64.0#

57 24.1 15.5 23.3#

100 0.0 10.3 15.5#





#59

1,2,3-Trichloropropane

Concen: 6.706 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015605.D

Acq: 16 Jun 2020 14:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

Tot Ion: 75 Resp: 16171

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9

