

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016241.D
 Acq On : 18 Aug 2020 15:10
 Operator : SY/VA
 Sample : VIBLK
 Misc : 6.03G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK15

Quant Time: Aug 19 05:52:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	369495	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	350404	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72095	15.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.96%
7) Chloroethane-d5	2.89	69	57553	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
10) 1,1-Dichloroethene-d2	4.01	63	124592	12.81	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.24%
20) 2-Butanone-d5	7.08	46	52123	43.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.48%
24) Chloroform-d	7.65	84	191682	19.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.32%
26) 1,2-Dichloroethane-d4	8.31	65	104008	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.00%
29) Benzene-d6	8.27	84	371659	19.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.00%
33) 1,2-Dichloropropane-d6	9.27	67	112854	20.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.52%
37) Toluene-d8	10.32	98	335511	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.76%
38) trans-1,3-Dichloropropene-	10.58	79	46778	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.28%
39) 2-Hexanone-d5	10.93	63	42528	43.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103092	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	124032	23.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.56%

Target Compounds

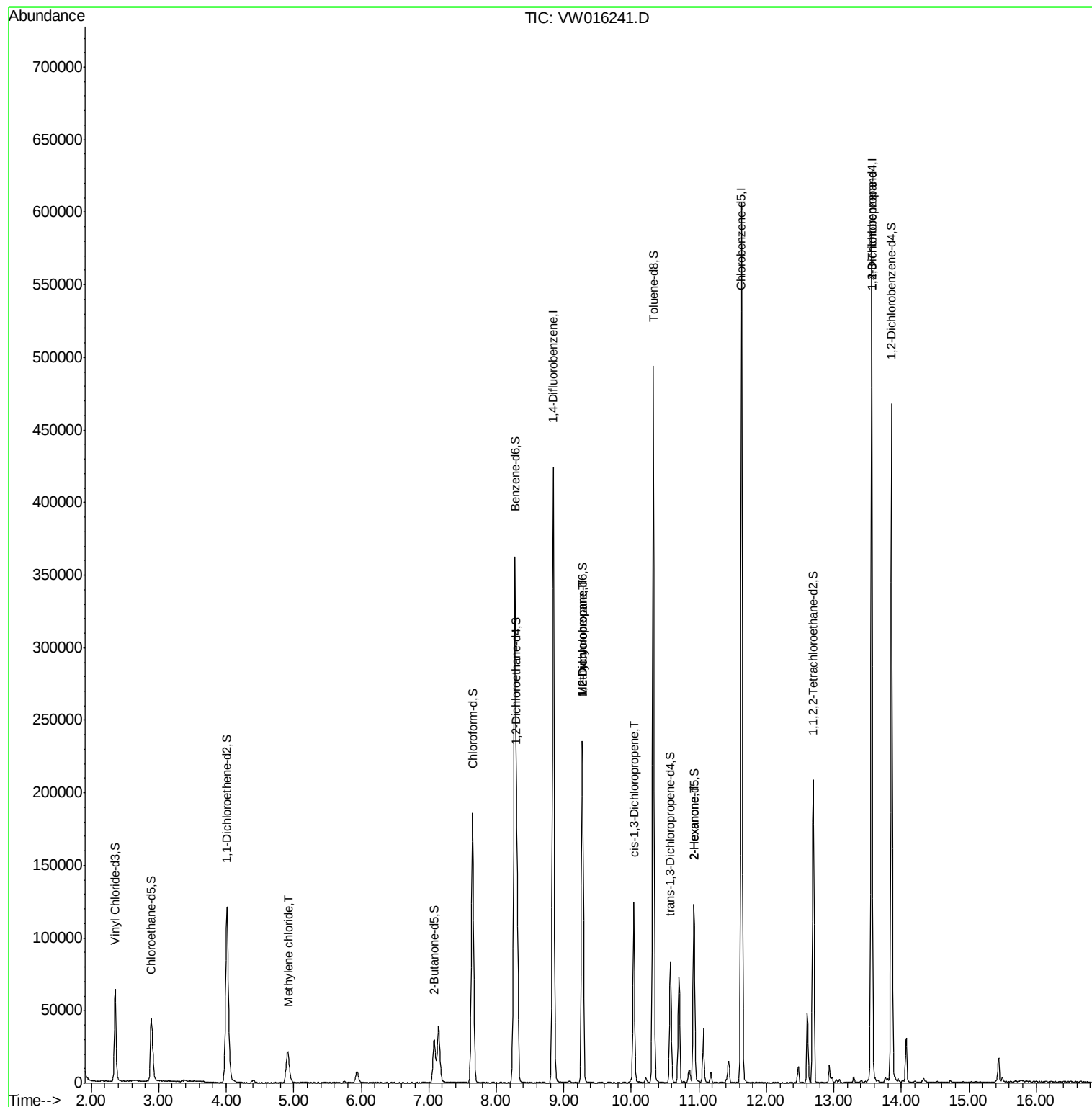
					Ovalue
16) Methylene chloride	4.91	84	18154	3.112 ug/L	89
36) Methylcyclohexane	9.27	83	28781	3.216 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	12240	2.467 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3127	0.414 ug/L #	70
49) 2-Hexanone	10.93	43	4742	2.355 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	17951	5.199 ug/L	93

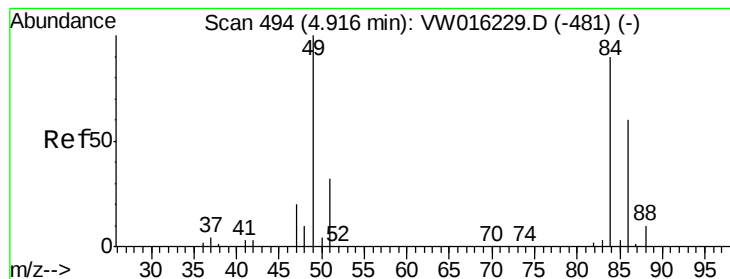
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.112 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016241.D

Acq: 18 Aug 2020 15:10

Instrument :

MSVOA_W

ClientSampleId :

VIBLK15

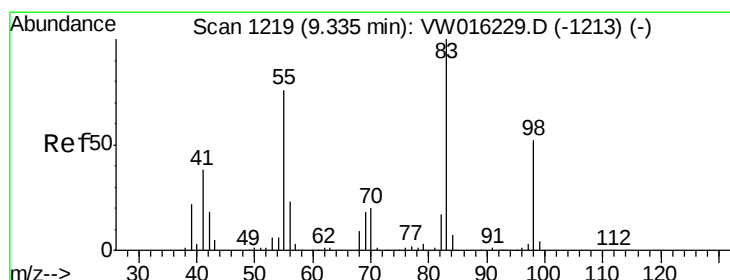
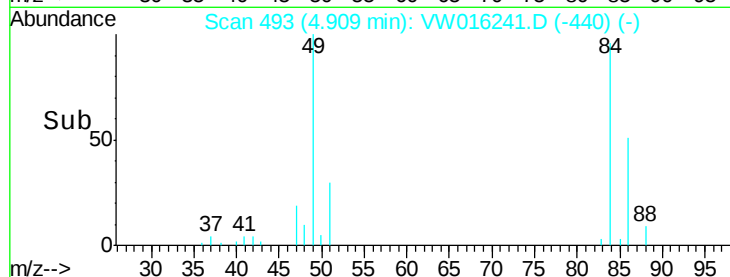
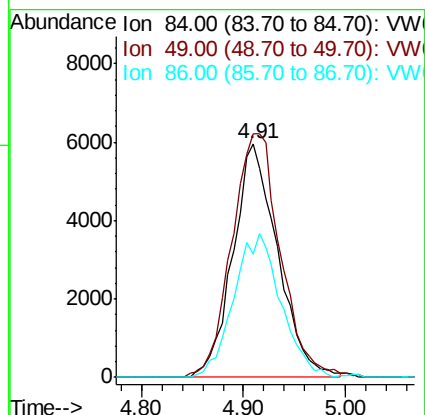
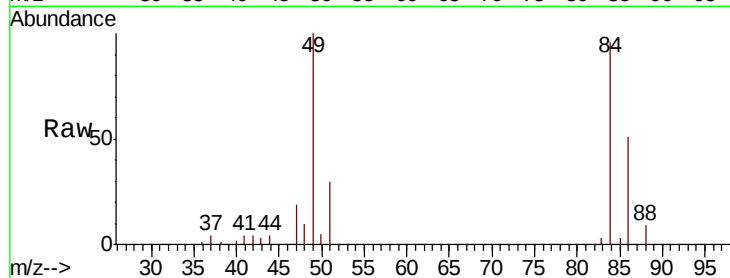
Tot Ion: 84 Resp: 18154

Ion Ratio Lower Upper

84 100

49 104.2 80.4 149.4

86 52.8 43.8 81.3



#36

Methylcyclohexane

Concen: 3.216 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016241.D

Acq: 18 Aug 2020 15:10

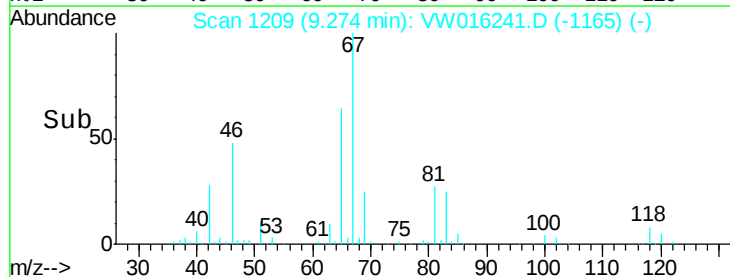
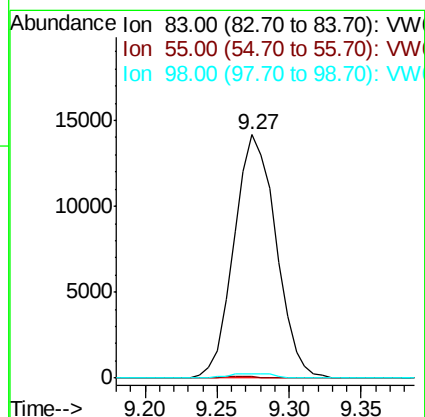
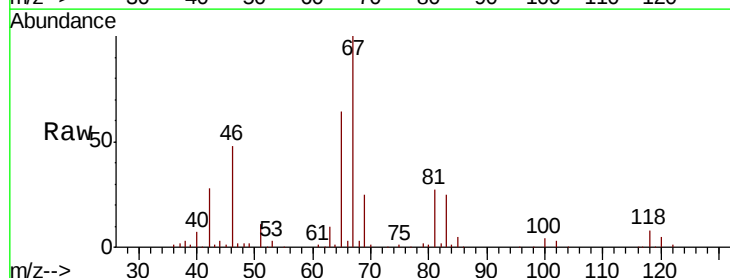
Tgt Ion: 83 Resp: 28781

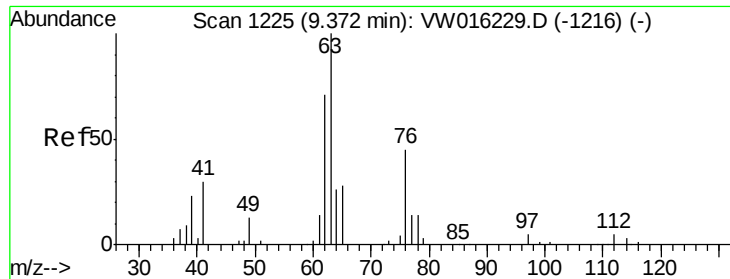
Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

98 1.9 39.4 59.0#

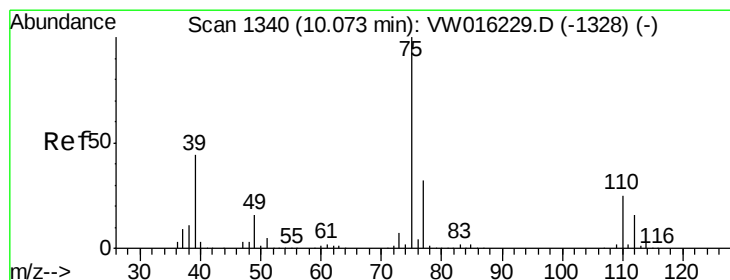
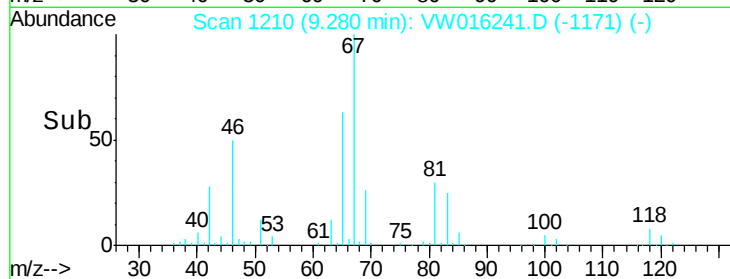
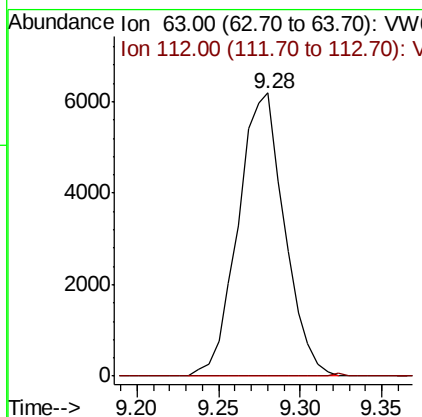
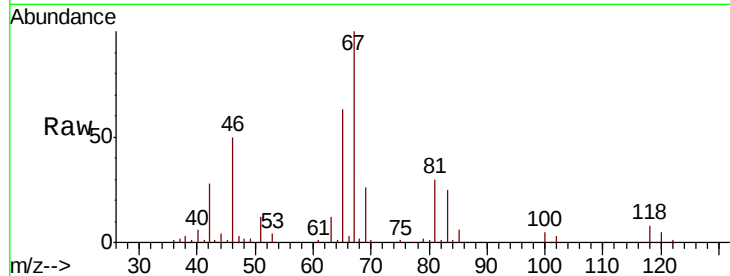




#40
 1,2-Dichloropropane
 Concen: 2.467 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016241.D
 Acq: 18 Aug 2020 15:10

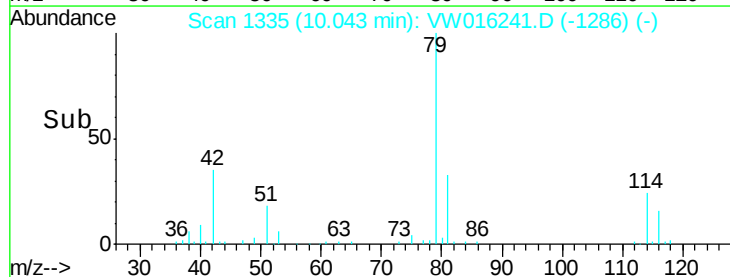
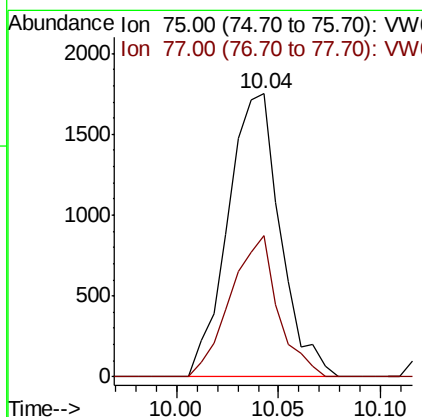
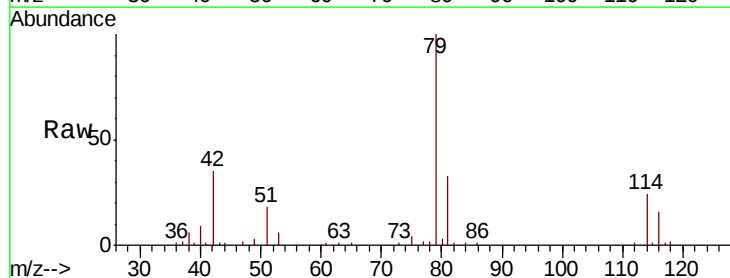
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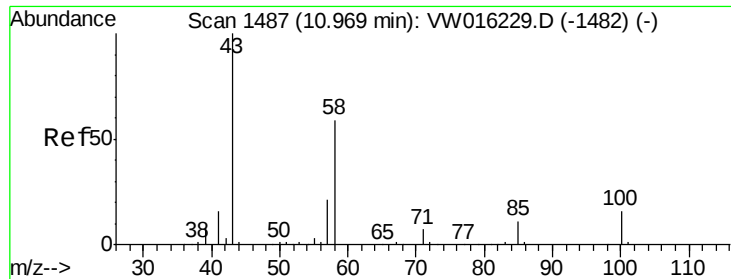
Tot Ion: 63 Resp: 12240
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.414 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW016241.D
 Acq: 18 Aug 2020 15:10

Tgt Ion: 75 Resp: 3127
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.9 42.5#

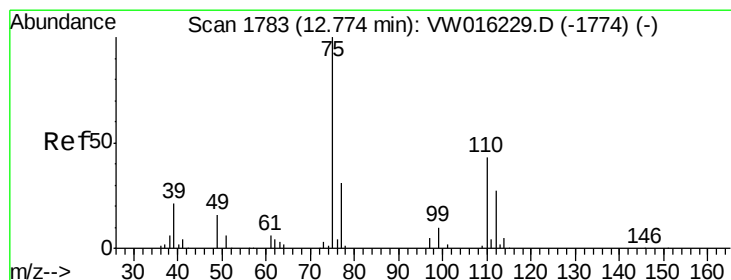
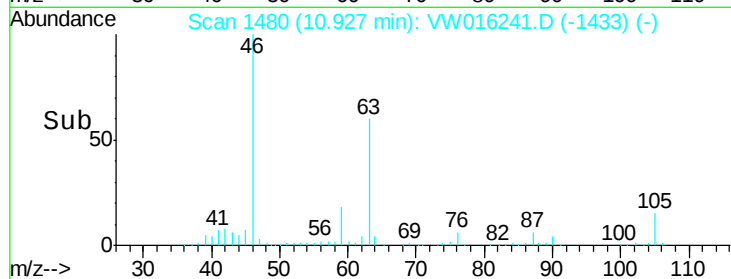
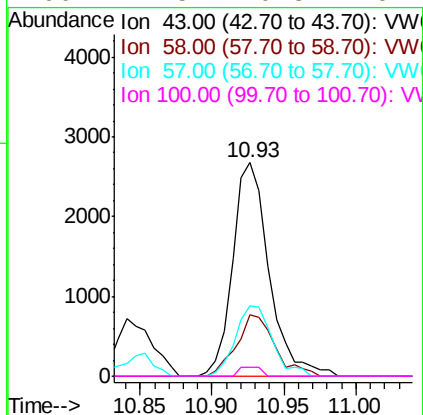
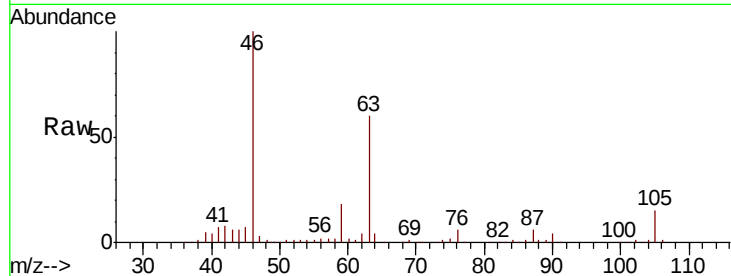




#49
2-Hexanone
Concen: 2.355 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016241.D
Acq: 18 Aug 2020 15:10

Instrument :
MSVOA_W
ClientSampleId :
VIBLK15

Tot Ion: 43 Resp: 4742
Ion Ratio Lower Upper
43 100
58 27.8 44.2 66.2#
57 31.8 15.8 23.6#
100 2.5 10.8 16.2#



#59
1,2,3-Trichloropropane
Concen: 5.199 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016241.D
Acq: 18 Aug 2020 15:10

Tgt Ion: 75 Resp: 17951
Ion Ratio Lower Upper
75 100
77 36.3 25.9 38.9

