

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016049.D
 Acq On : 06 Aug 2020 17:29
 Operator : SY/VA
 Sample : L3564-18
 Misc : 6.45G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM0

Quant Time: Aug 07 07:43:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	337069	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305411	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135481	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73924	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.16%
7) Chloroethane-d5	2.89	69	64009	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.28%
10) 1,1-Dichloroethene-d2	4.01	63	128698	13.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.52%
20) 2-Butanone-d5	7.09	46	47392	37.93	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.86%
24) Chloroform-d	7.65	84	198255	20.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	8.31	65	102242	19.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.68%
29) Benzene-d6	8.27	84	393715	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	9.28	67	118325	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.92%
37) Toluene-d8	10.32	98	357505	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.92%
38) trans-1,3-Dichloropropene-	10.58	79	48458	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	40285	43.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93601	21.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	121537	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

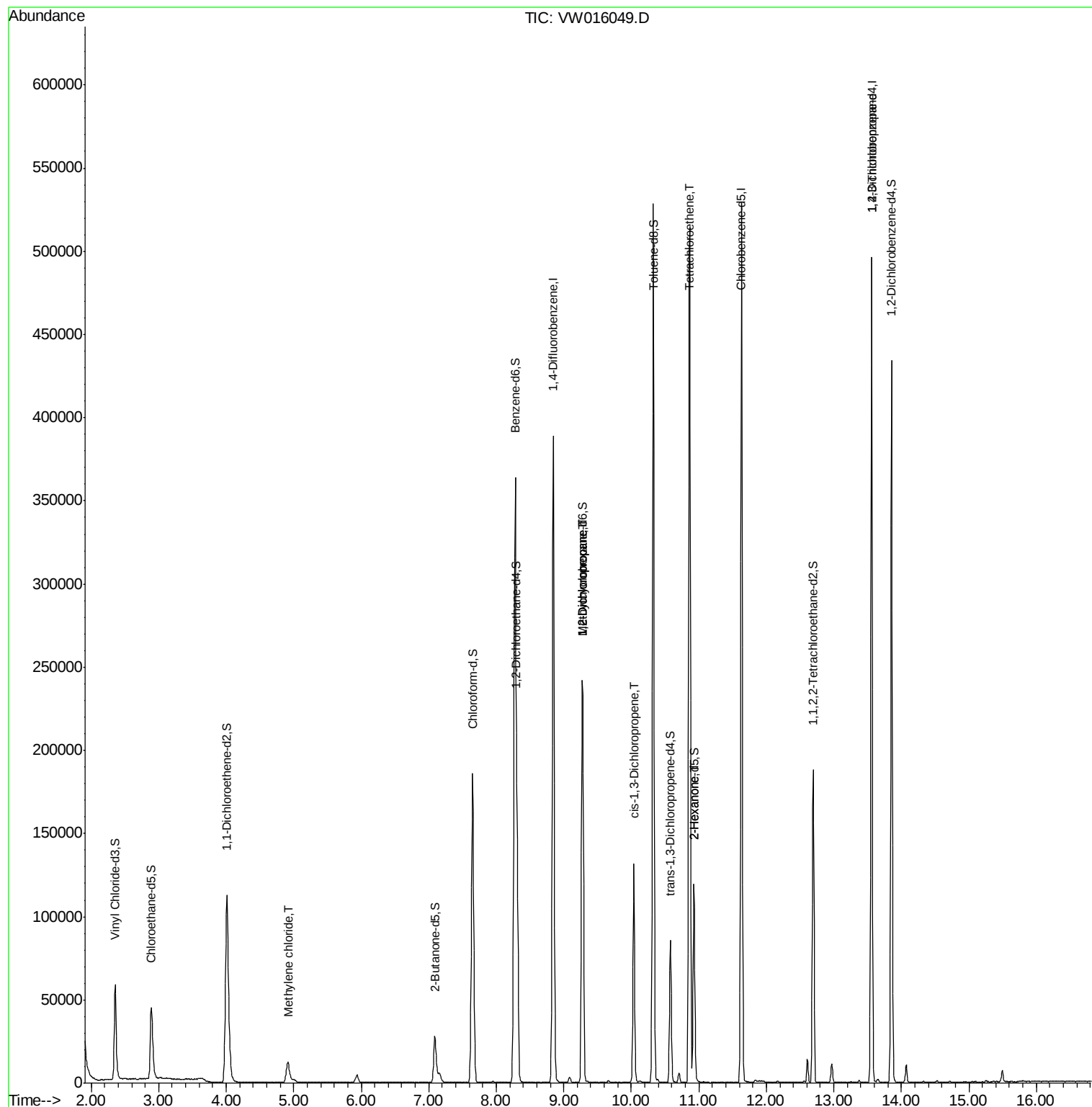
					Ovalue
16) Methylene chloride	4.91	84	10973	1.987	ug/L 87
36) Methylcyclohexane	9.28	83	29808	3.540	ug/L # 17
40) 1,2-Dichloropropane	9.27	63	13167	2.865	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	3053	0.436	ug/L # 60
47) Tetrachloroethene	10.87	164	124399	32.661	ug/L 92
49) 2-Hexanone	10.93	43	5536	2.908	ug/L # 67
59) 1,2,3-Trichloropropane	13.56	75	14944	5.140	ug/L 93

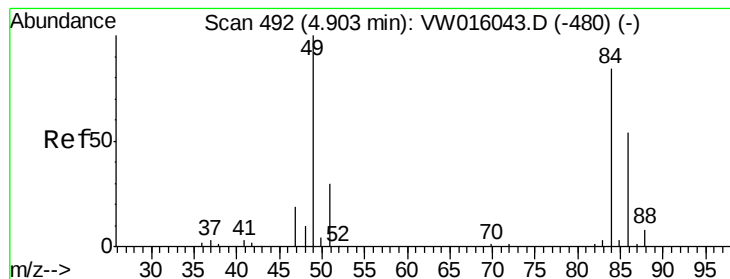
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.987 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW016049.D

Acq: 06 Aug 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

BFSM0

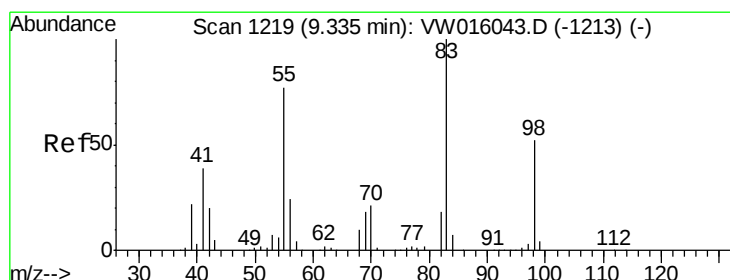
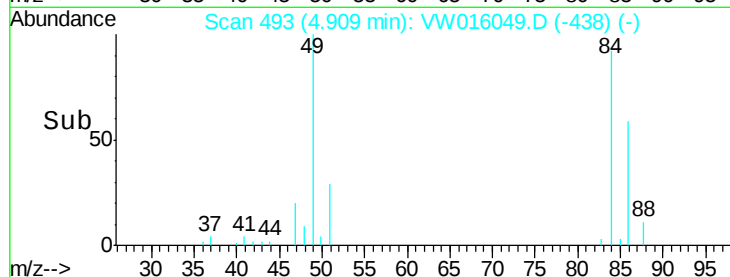
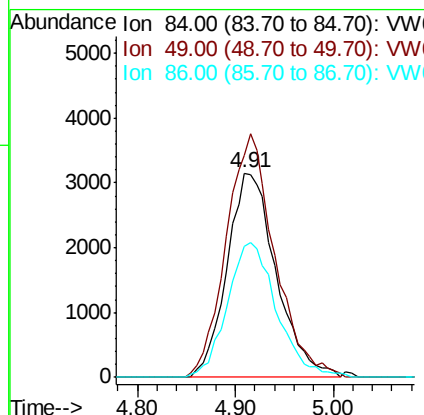
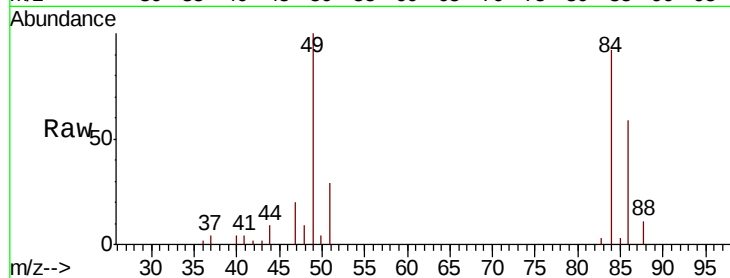
Tot Ion: 84 Resp: 10973

Ion Ratio Lower Upper

84 100

49 108.9 91.1 169.1

86 64.0 46.0 85.4



#36

Methylcyclohexane

Concen: 3.540 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW016049.D

Acq: 06 Aug 2020 17:29

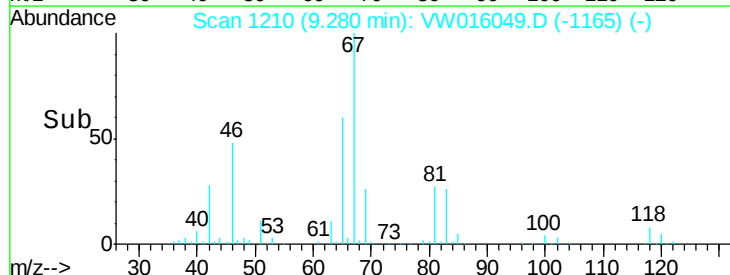
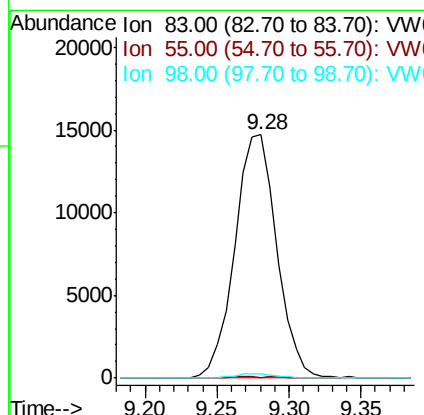
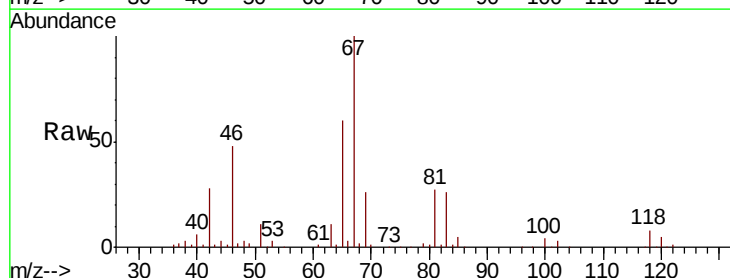
Tgt Ion: 83 Resp: 29808

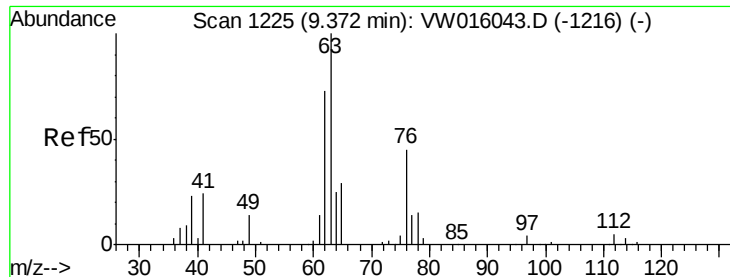
Ion Ratio Lower Upper

83 100

55 0.2 63.5 95.3#

98 0.0 39.0 58.4#

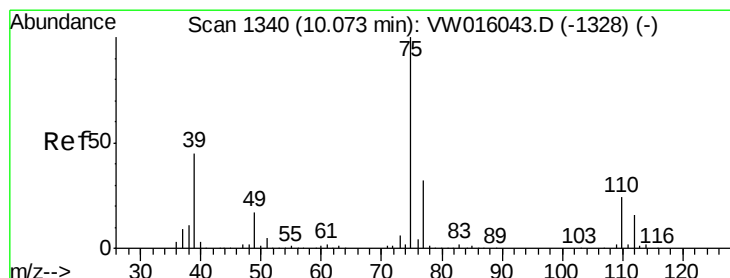
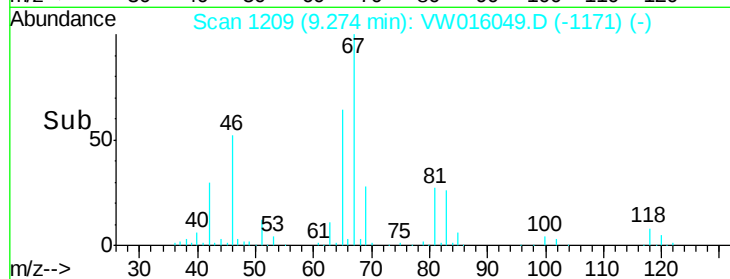
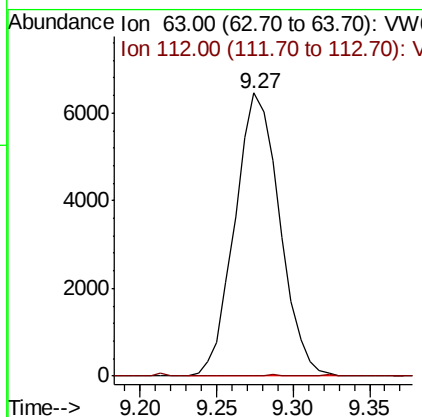
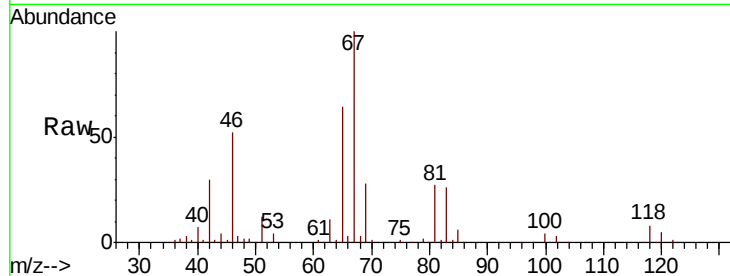




#40
 1,2-Dichloropropane
 Concen: 2.865 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016049.D
 Acq: 06 Aug 2020 17:29

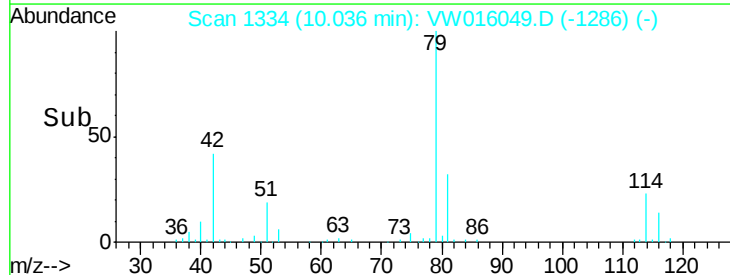
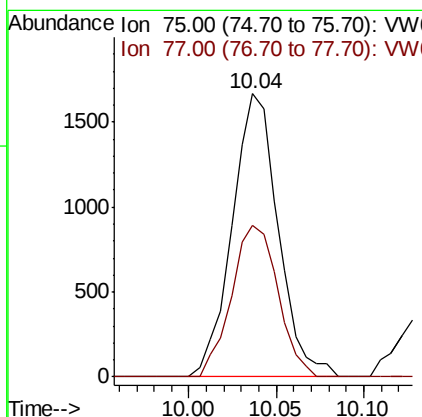
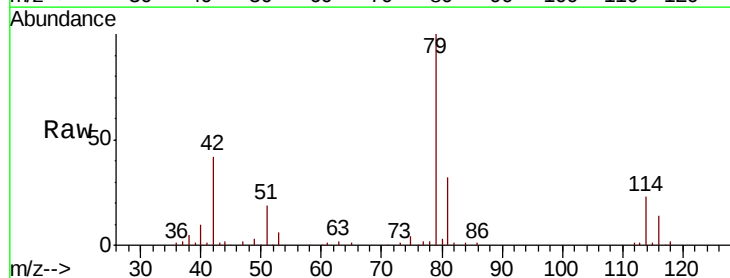
Instrument :
 MSVOA_W
 ClientSampled :
 BFSM0

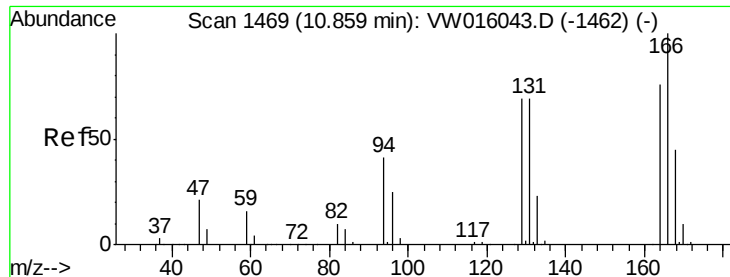
Tot Ion: 63 Resp: 13167
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.436 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016049.D
 Acq: 06 Aug 2020 17:29

Tgt Ion: 75 Resp: 3053
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.2 41.2#





#47

Tetrachloroethene

Concen: 32.661 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016049.D

Acq: 06 Aug 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

BFSM0

Tot Ion:164 Resp: 124399

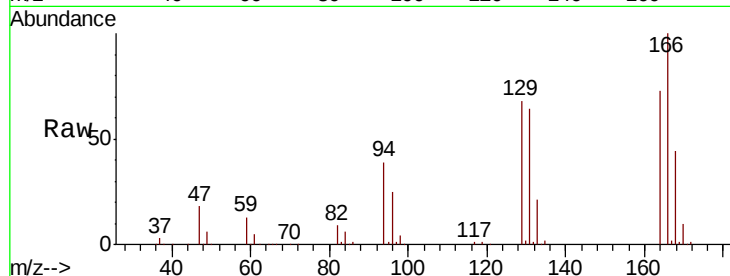
Ion Ratio Lower Upper

164 100

129 93.9 70.0 130.0

131 88.5 67.3 124.9

166 137.6 88.5 164.3

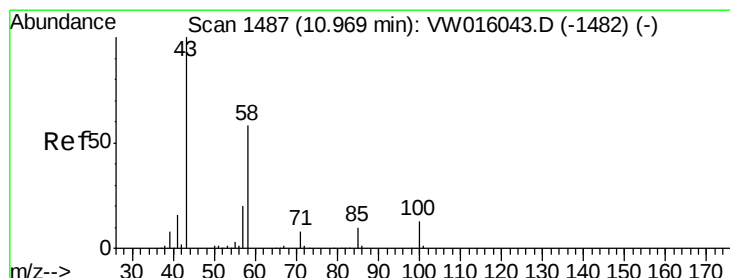
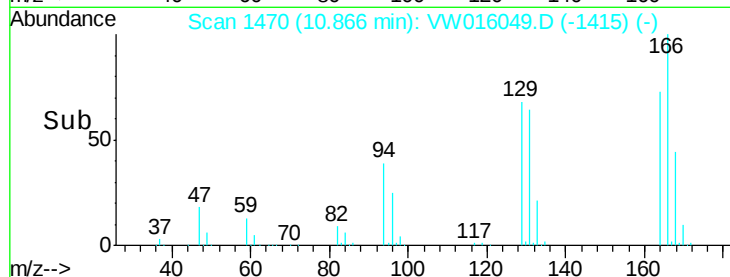
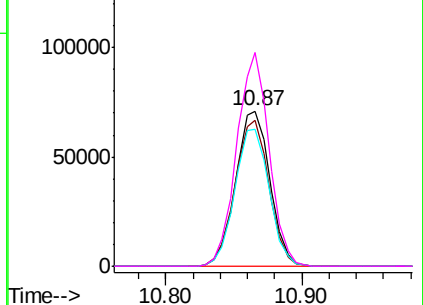


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.908 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016049.D

Acq: 06 Aug 2020 17:29

Tgt Ion: 43 Resp: 5536

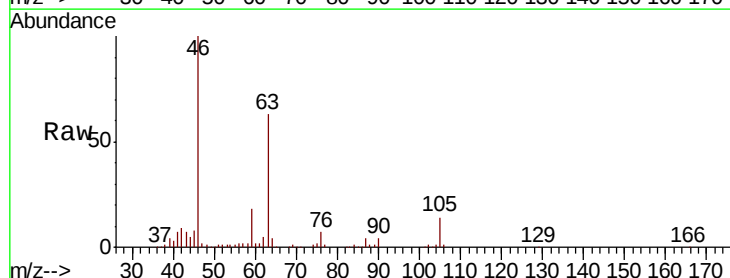
Ion Ratio Lower Upper

43 100

58 23.9 42.4 63.6#

57 25.1 15.6 23.4#

100 0.0 9.8 14.6#

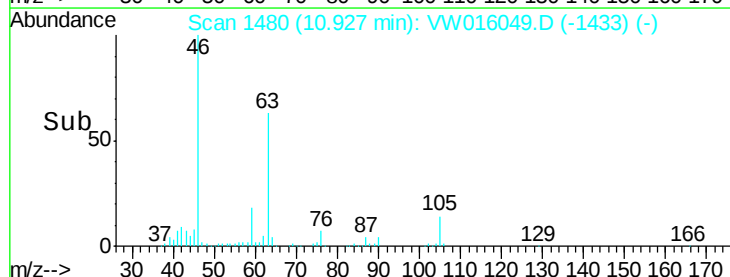
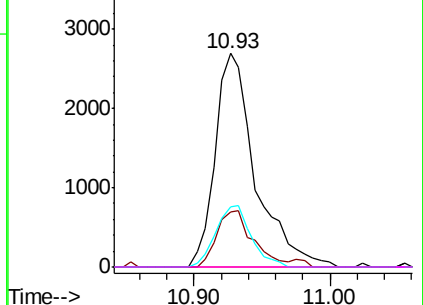


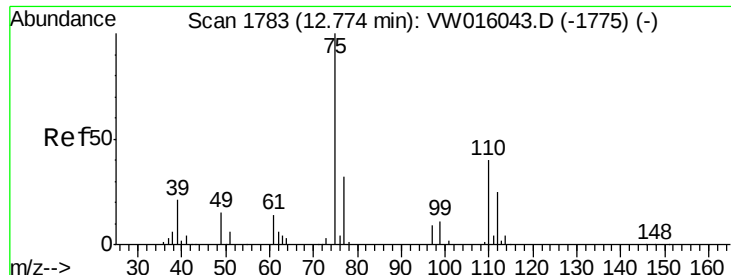
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV





#59

1,2,3-Trichloropropane

Concen: 5.140 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016049.D

Acq: 06 Aug 2020 17:29

Instrument :

MSVOA_W

ClientSampleId :

BFSM0

Tot Ion: 75 Resp: 14944

Ion Ratio Lower Upper

75 100

77 36.5 26.0 39.0

