

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016807.D
 Acq On : 06 Oct 2020 21:08
 Operator : SY/VA
 Sample : L4235-09RE
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AK5

Quant Time: Oct 07 03:14:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	575427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182736	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	168993	29.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.08%
7) Chloroethane-d5	2.90	69	138705	29.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.52%
10) 1,1-Dichloroethene-d2	4.03	63	245582	20.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.48%
20) 2-Butanone-d5	7.08	46	49881	38.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.58%
24) Chloroform-d	7.65	84	327849	27.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	8.31	65	162350	27.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.72%
29) Benzene-d6	8.28	84	664697	30.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.40%
33) 1,2-Dichloropropane-d6	9.28	67	180287	31.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.56%#
37) Toluene-d8	10.33	98	615596	30.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.12%
38) trans-1,3-Dichloropropene-	10.58	79	68940	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.00%
39) 2-Hexanone-d5	10.93	63	41818	46.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119209	25.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	168155	29.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.04%

Target Compounds

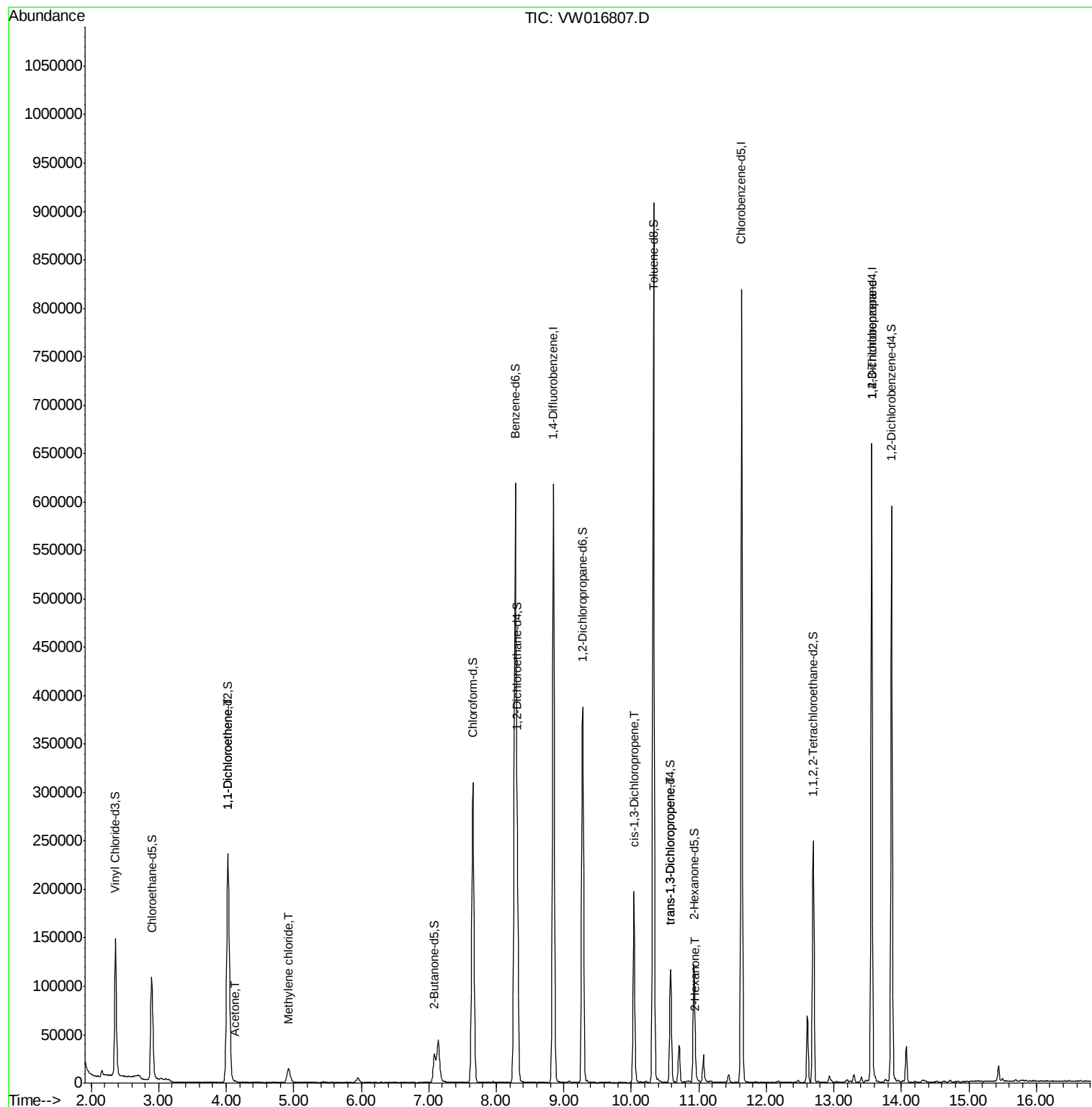
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2139	0.288 ug/L #	1
13) Acetone	4.13	43	1355	1.393 ug/L	78
16) Methylene chloride	4.92	84	12817	1.614 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	4974	0.542 ug/L #	55
45) trans-1,3-Dichloropropene	10.58	75	2853	0.369 ug/L	91
49) 2-Hexanone	10.96	43	4015	2.098 ug/L #	36
59) 1,2,3-Trichloropropane	13.56	75	18790	5.012 ug/L	91

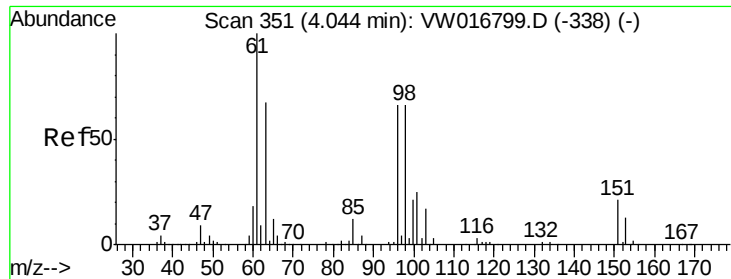
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 03:05:19 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.288 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW016807.D

Acq: 06 Oct 2020 21:08

Instrument :

MSVOA_W

ClientSampled :

C0AK5

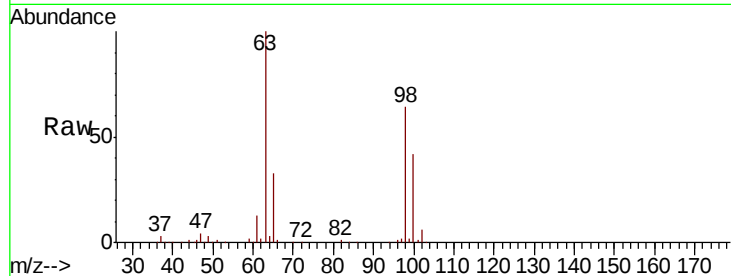
Tot Ion: 96 Resp: 2139

Ion Ratio Lower Upper

96 100

61 1230.1 105.1 195.1#

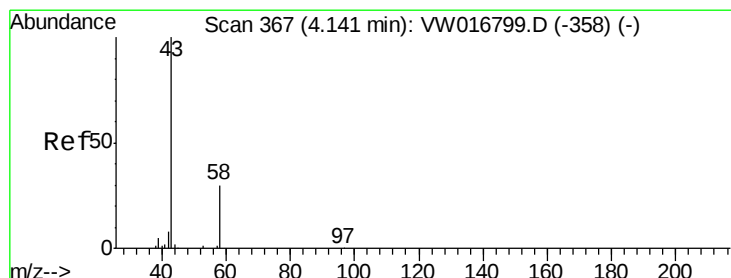
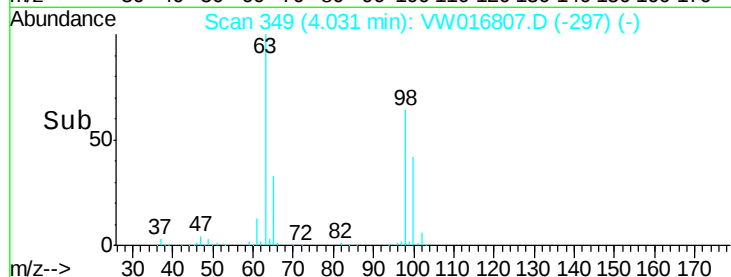
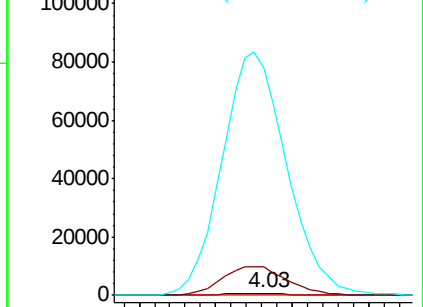
63 9813.3 69.9 129.7#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.393 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016807.D

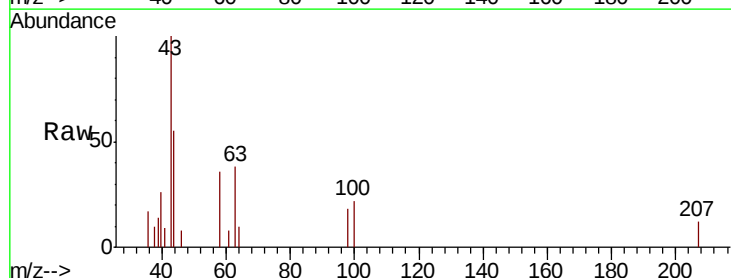
Acq: 06 Oct 2020 21:08

Tgt Ion: 43 Resp: 1355

Ion Ratio Lower Upper

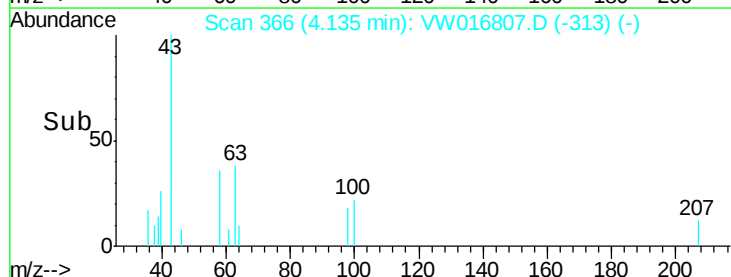
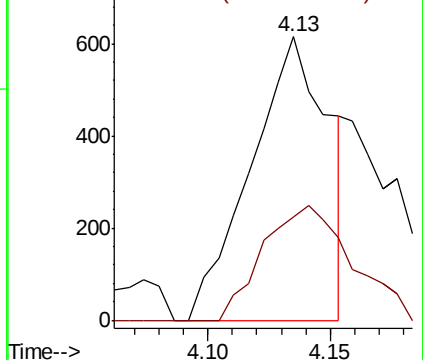
43 100

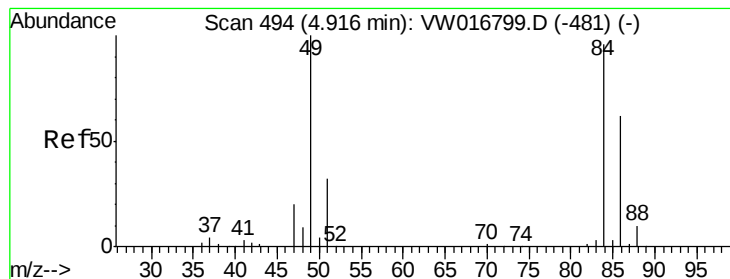
58 46.3 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methylene chloride

Concen: 1.614 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016807.D

Acq: 06 Oct 2020 21:08

Instrument :

MSVOA_W

ClientSampleID :

C0AK5

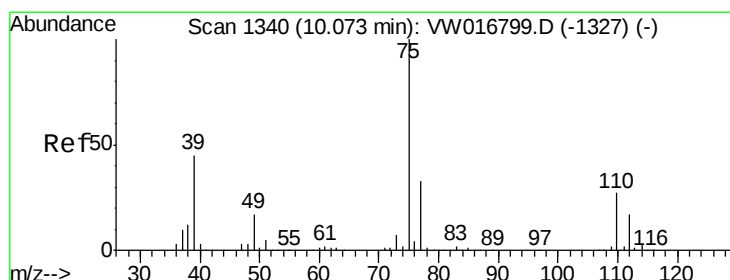
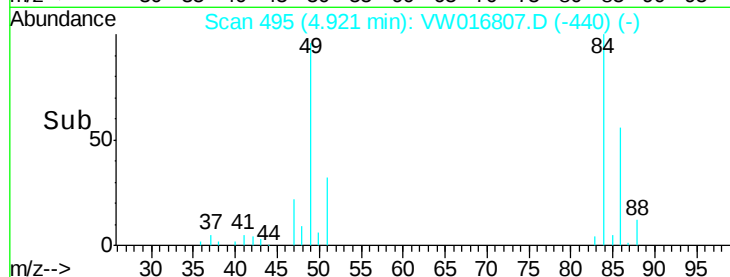
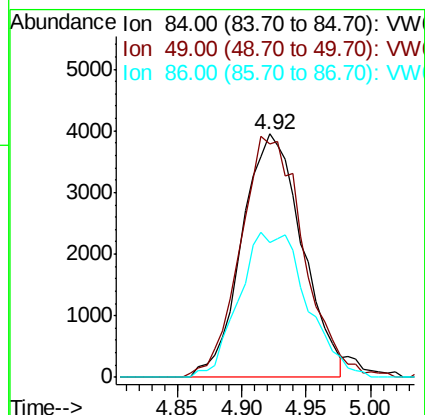
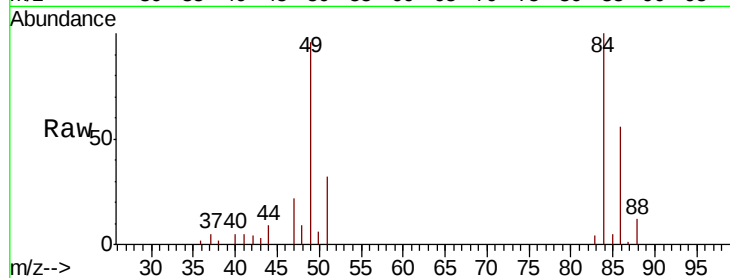
Tot Ion: 84 Resp: 12817

Ion Ratio Lower Upper

84 100

49 95.6 73.1 135.8

86 55.5 46.0 85.4



#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016807.D

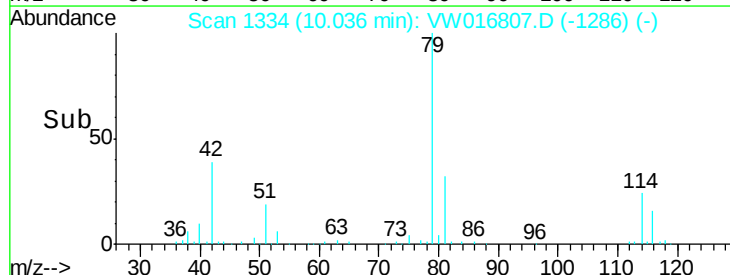
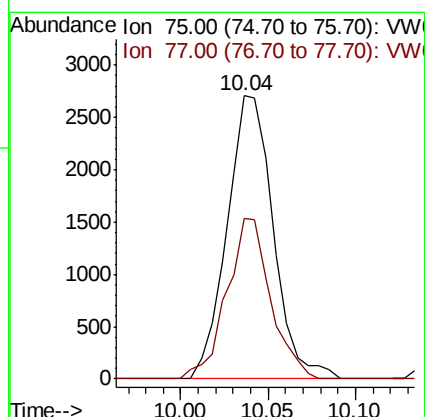
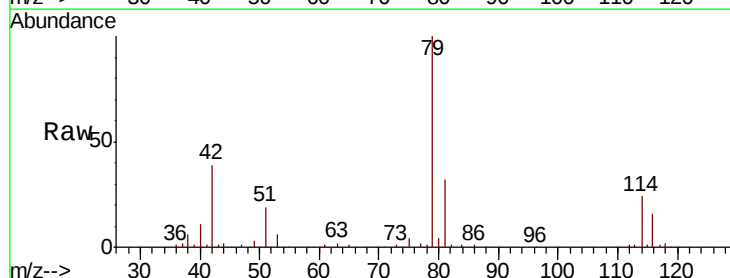
Acq: 06 Oct 2020 21:08

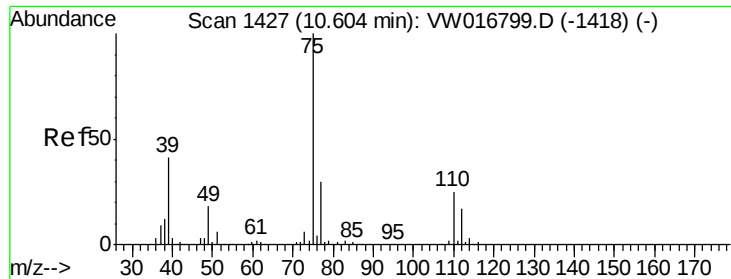
Tgt Ion: 75 Resp: 4974

Ion Ratio Lower Upper

75 100

77 56.6 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.369 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016807.D

Acq: 06 Oct 2020 21:08

Instrument :

MSVOA_W

ClientSampleId :

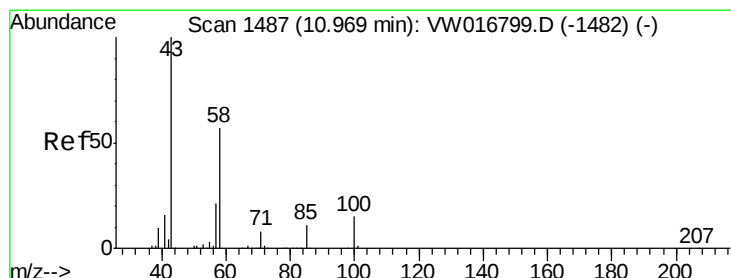
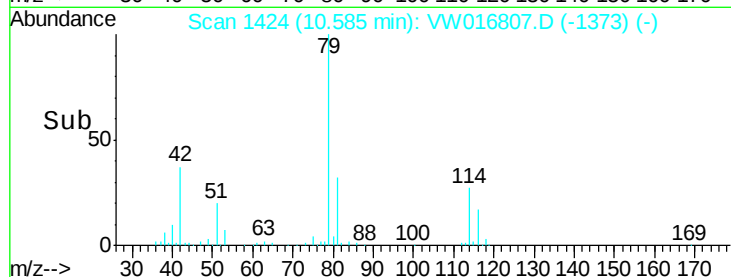
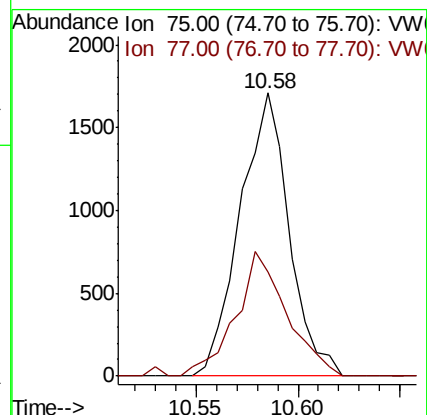
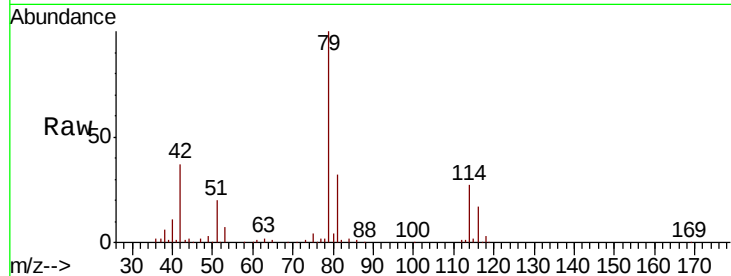
C0AK5

Tot Ion: 75 Resp: 2853

Ion Ratio Lower Upper

75 100

77 36.8 22.2 41.2



#49

2-Hexanone

Concen: 2.098 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW016807.D

Acq: 06 Oct 2020 21:08

Tgt Ion: 43 Resp: 4015

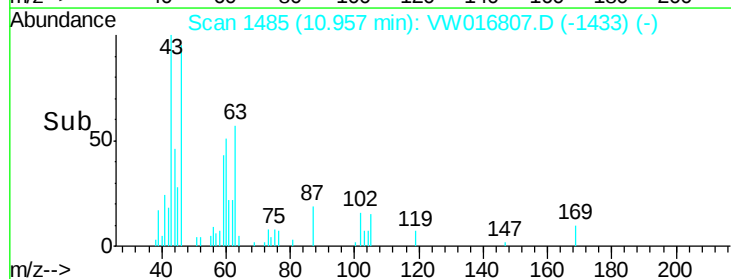
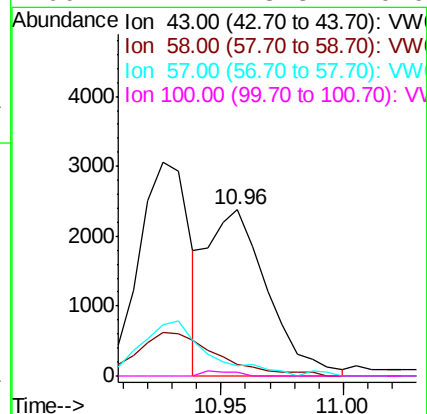
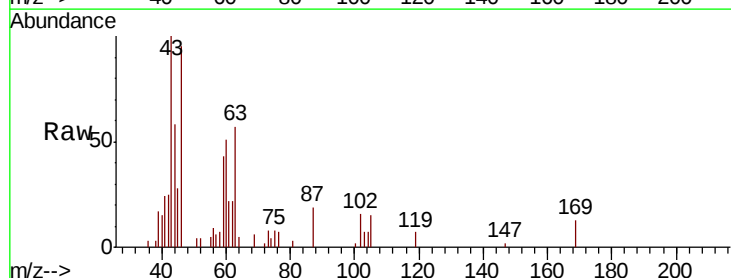
Ion Ratio Lower Upper

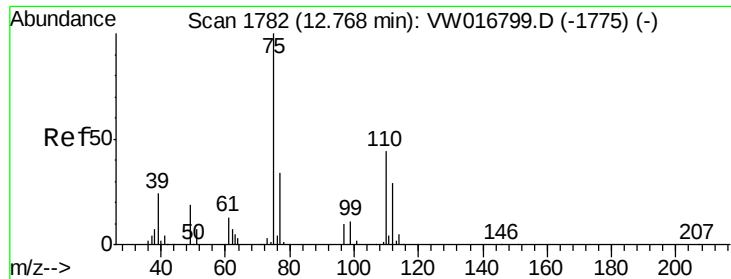
43 100

58 0.0 47.1 70.7#

57 0.0 16.2 24.4#

100 1.7 13.3 19.9#





#59

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016807.D

Acq: 06 Oct 2020 21:08

Instrument :

MSVOA_W

ClientSampleId :

C0AK5

Tot Ion: 75 Resp: 18790

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2

