

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016564.D
 Acq On : 15 Sep 2020 19:35
 Operator : SY/VA
 Sample : L4024-02
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H2

Quant Time: Sep 16 04:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 04:36:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	686253	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	602302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	287065	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	165428	24.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.60%
7) Chloroethane-d5	2.91	69	137518	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
10) 1,1-Dichloroethene-d2	4.03	63	263295	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.09	46	67952	37.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.04%
24) Chloroform-d	7.66	84	346976	24.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	8.32	65	178565	24.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.92%
29) Benzene-d6	8.28	84	687572	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	9.28	67	187465	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.33	98	666408	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.32%
38) trans-1,3-Dichloropropene-	10.59	79	85645	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.93	63	54579	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135960	21.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	233926	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

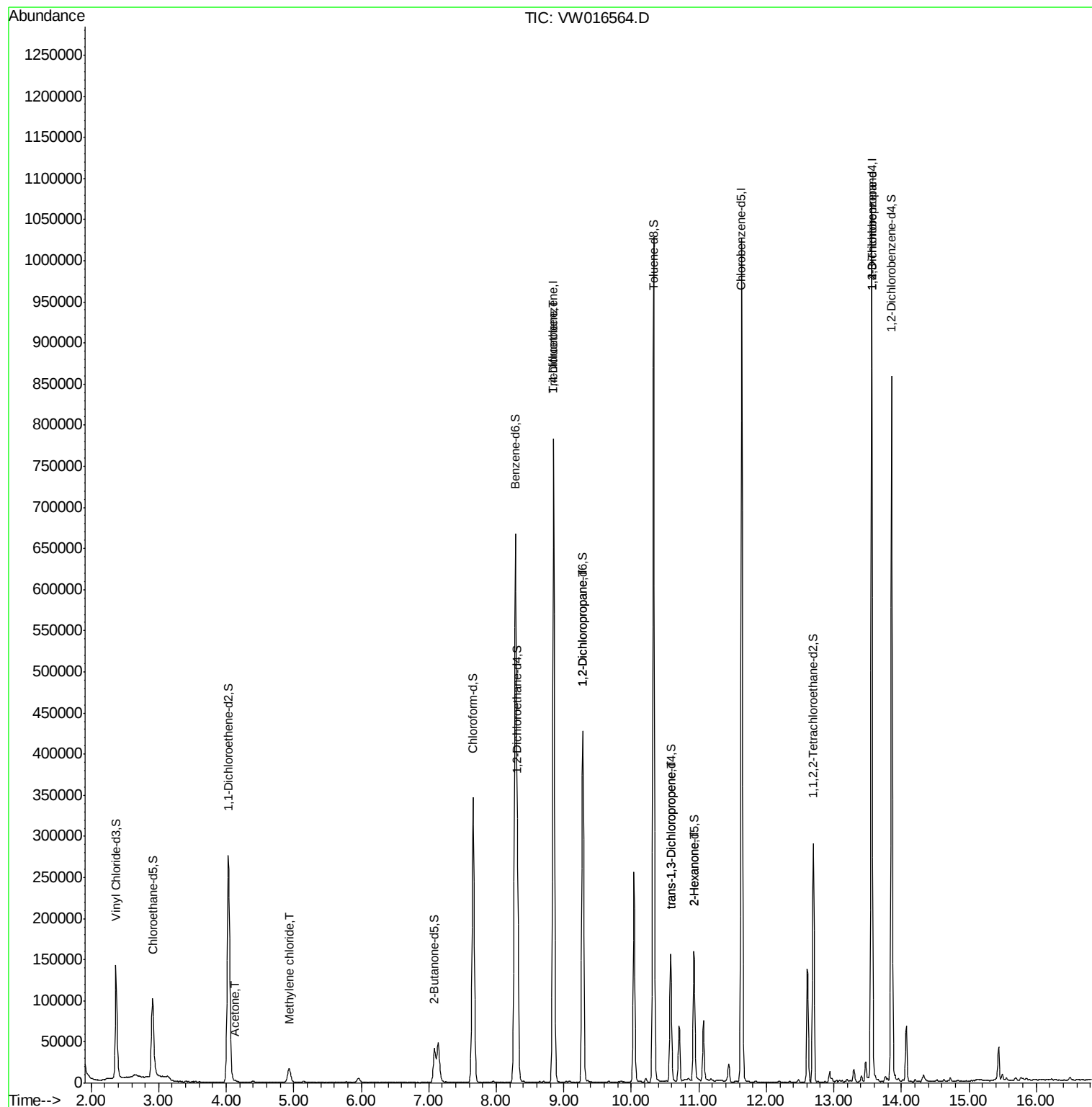
					Ovalue
13) Acetone	4.13	43	1552	1.094 ug/L	65
16) Methylene chloride	4.93	84	14083	1.331 ug/L	94
35) Trichloroethene	8.85	95	20163	2.159 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	23749	3.163 ug/L #	83
45) trans-1,3-Dichloropropene	10.59	75	4336	0.389 ug/L	92
49) 2-Hexanone	10.93	43	6727	2.222 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	31220	5.926 ug/L	92

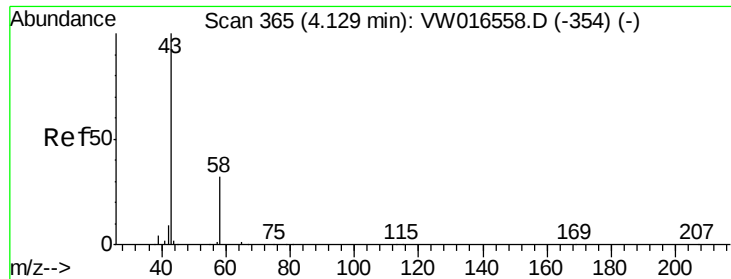
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampled :
BG3H2

Quant Time: Sep 16 04:38:39 2020
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Quant Title : VOC Analysis
QLast Update : Wed Sep 16 04:36:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.094 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016564.D

Acq: 15 Sep 2020 19:35

Instrument :

MSVOA_W

ClientSampled :

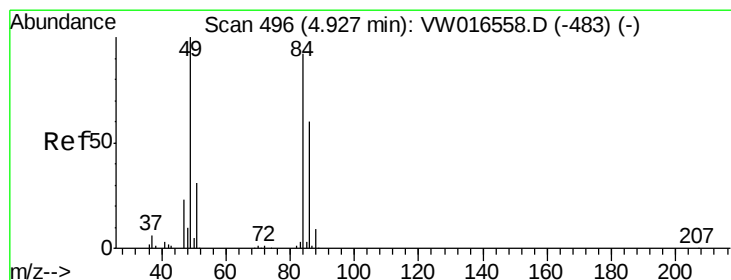
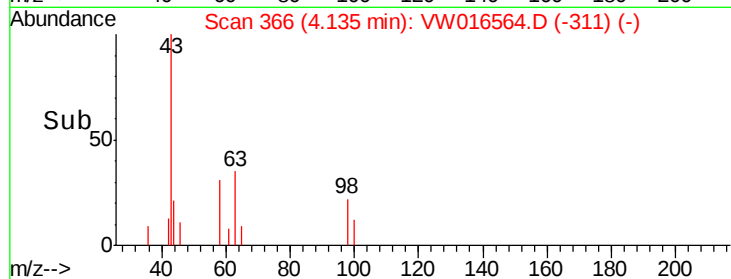
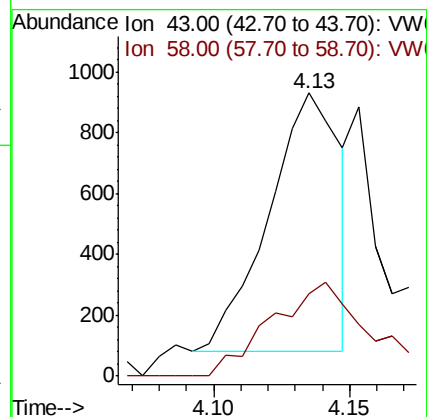
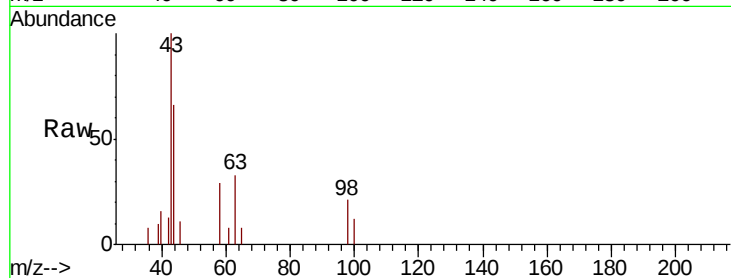
BG3H2

Tot Ion: 43 Resp: 1552

Ion Ratio Lower Upper

43 100

58 49.2 0.0 60.2



#16

Methylene chloride

Concen: 1.331 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016564.D

Acq: 15 Sep 2020 19:35

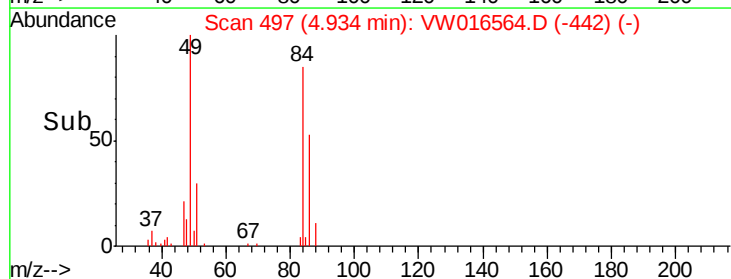
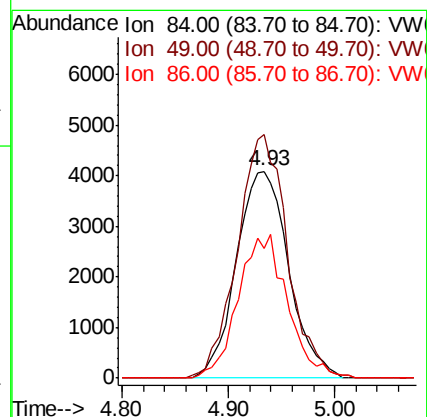
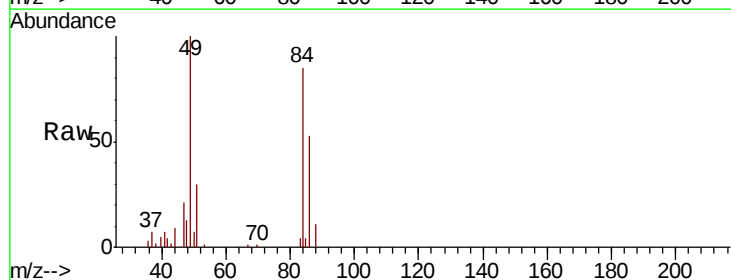
Tgt Ion: 84 Resp: 14083

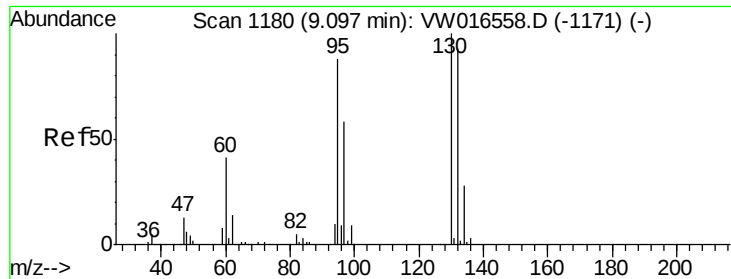
Ion Ratio Lower Upper

84 100

49 117.7 76.0 141.2

86 62.9 45.6 84.6





#35

Trichloroethene

Concen: 2.159 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016564.D

Acq: 15 Sep 2020 19:35

Instrument :

MSVOA_W

ClientSampleId :

BG3H2

Tot Ion: 95 Resp: 20163

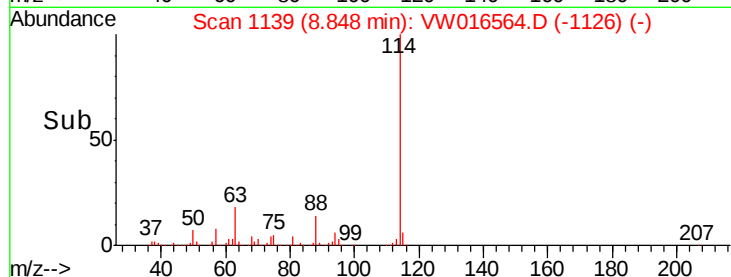
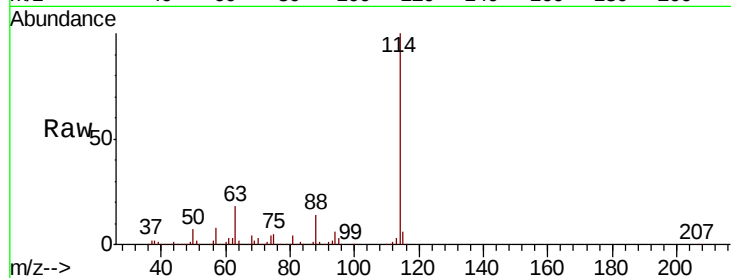
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 73.3 136.1#

130 0.0 77.5 143.9#

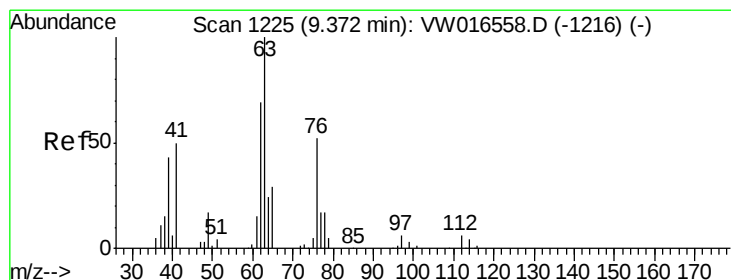
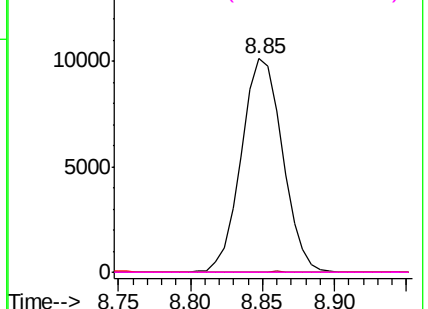


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.163 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016564.D

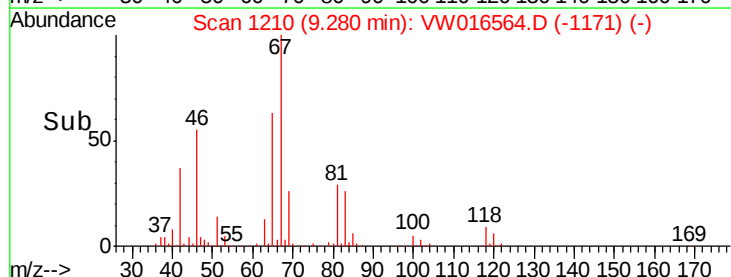
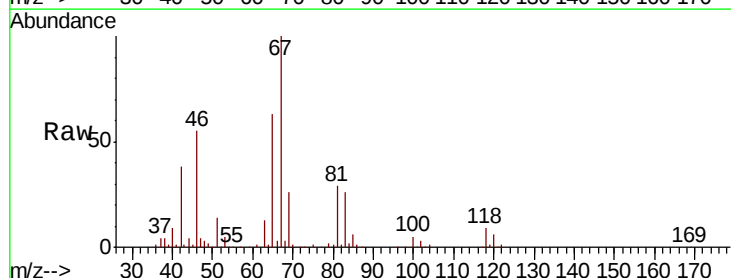
Acq: 15 Sep 2020 19:35

Tgt Ion: 63 Resp: 23749

Ion Ratio Lower Upper

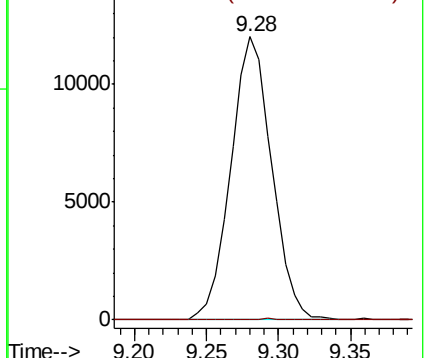
63 100

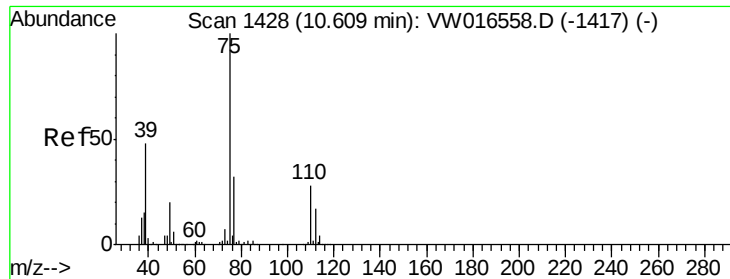
112 0.0 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.389 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016564.D

Acq: 15 Sep 2020 19:35

Instrument :

MSVOA_W

ClientSampleId :

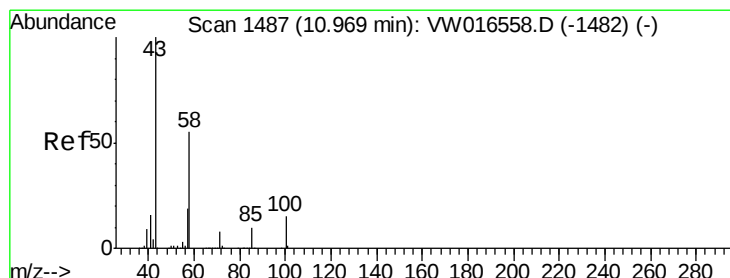
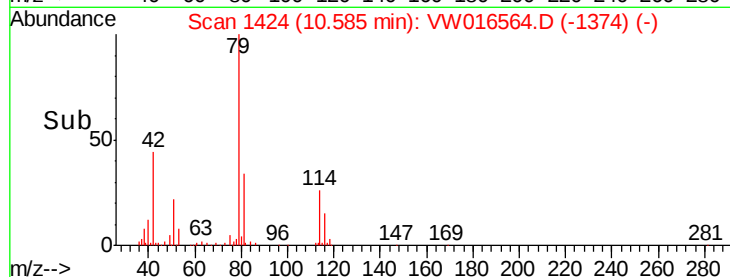
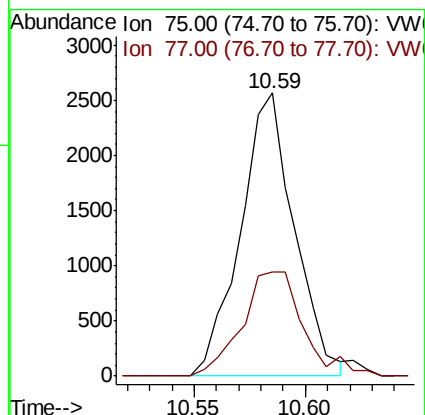
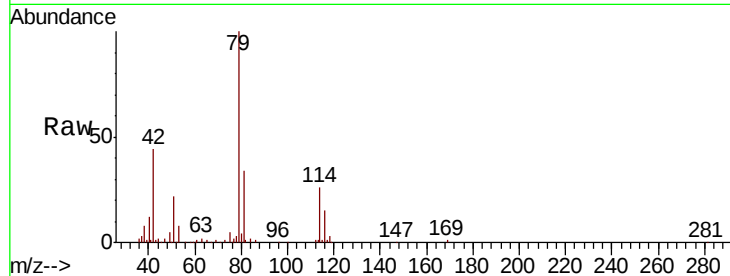
BG3H2

Tot Ion: 75 Resp: 4336

Ion Ratio Lower Upper

75 100

77 36.7 22.5 41.9



#49

2-Hexanone

Concen: 2.222 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016564.D

Acq: 15 Sep 2020 19:35

Tgt Ion: 43 Resp: 6727

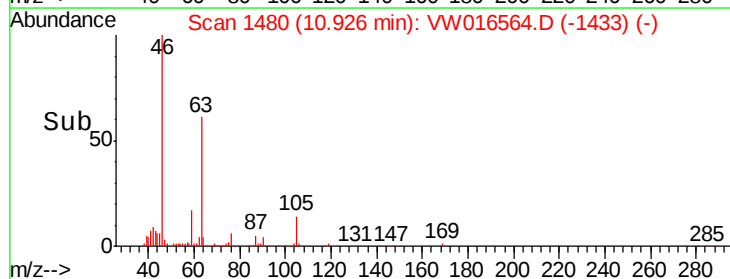
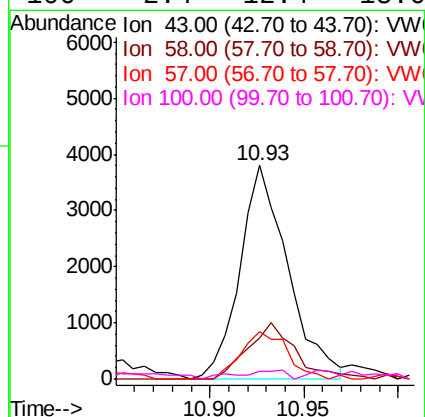
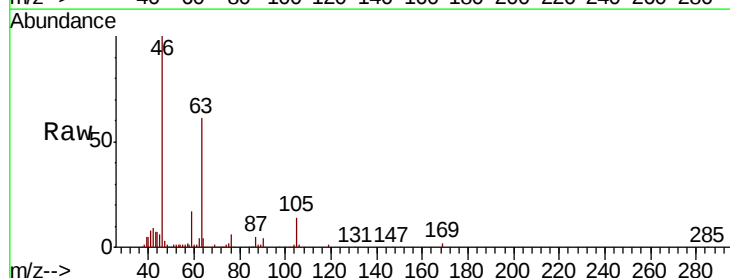
Ion Ratio Lower Upper

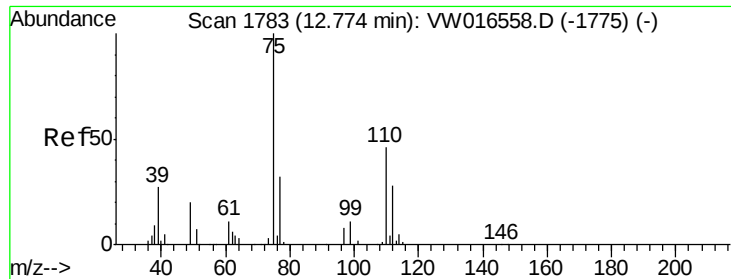
43 100

58 24.2 44.2 66.2#

57 21.3 16.3 24.5

100 2.4 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 5.926 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016564.D

Acq: 15 Sep 2020 19:35

Instrument :

MSVOA_W

ClientSampleId :

BG3H2

Tot Ion: 75 Resp: 31220

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.4

