

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017835.D
 Acq On : 12 Jan 2021 15:05
 Operator : SY/VA
 Sample : M1074-19
 Misc : 4.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:22:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306594	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290467	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	130988	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128489	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.36%
7) Chloroethane-d5	2.89	69	104624	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.88%
10) 1,1-Dichloroethene-d2	4.02	63	171624	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	7.08	46	43678	56.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.62%
24) Chloroform-d	7.65	84	211846	26.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.76%
26) 1,2-Dichloroethane-d4	8.31	65	122799	29.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.44%
29) Benzene-d6	8.27	84	423046	25.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.44%
33) 1,2-Dichloropropane-d6	9.27	67	121122	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.44%
37) Toluene-d8	10.32	98	405895	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
38) trans-1,3-Dichloropropene-	10.58	79	50507	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.48%
39) 2-Hexanone-d5	10.93	63	31910	56.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86561	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	118198	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

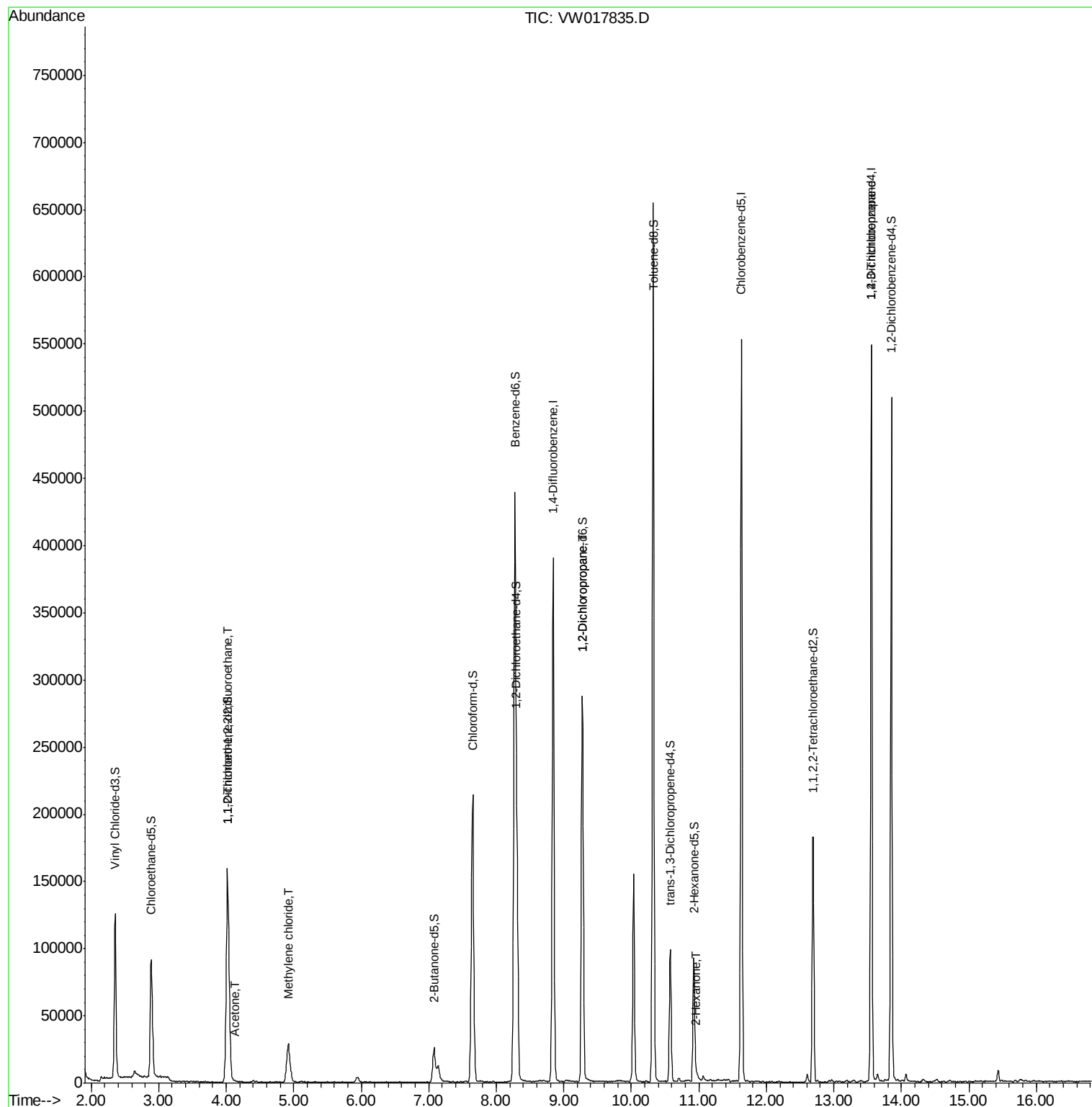
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1554	0.399 ug/L #	20
13) Acetone	4.13	43	632	0.952 ug/L	88
16) Methylene chloride	4.93	84	22948	5.234 ug/L	94
40) 1,2-Dichloropropane	9.27	63	15141	3.862 ug/L #	86
49) 2-Hexanone	10.97	43	1435	1.062 ug/L #	90
59) 1,2,3-Trichloropropane	13.55	75	19429	8.126 ug/L	91

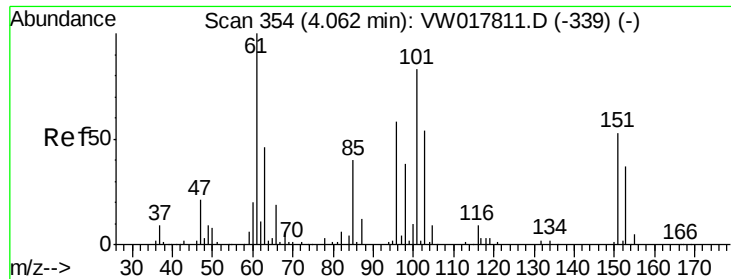
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.399 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017835.D

Acq: 12 Jan 2021 15:05

Instrument :

MSVOA_W

ClientSampleId :

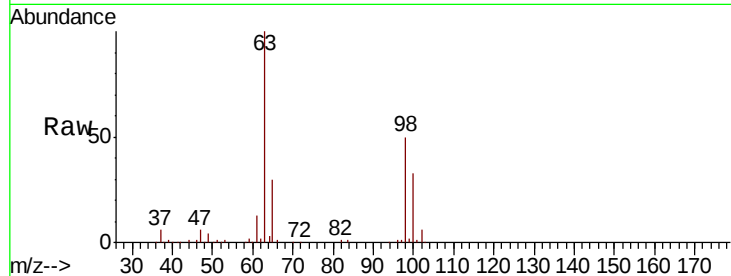
Tot Ion:101 Resp: 1554

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

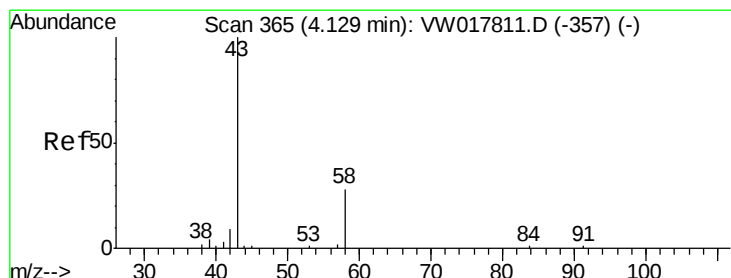
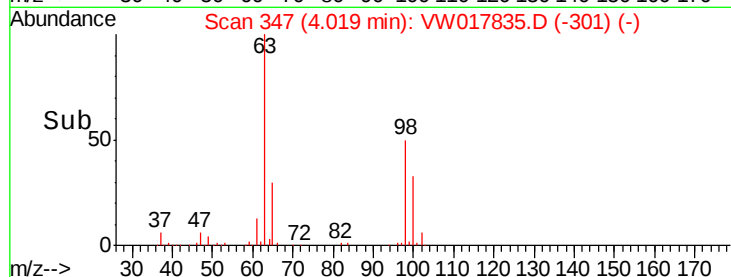
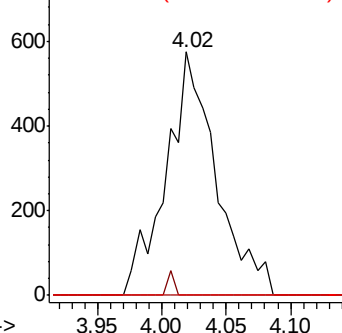
151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.952 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017835.D

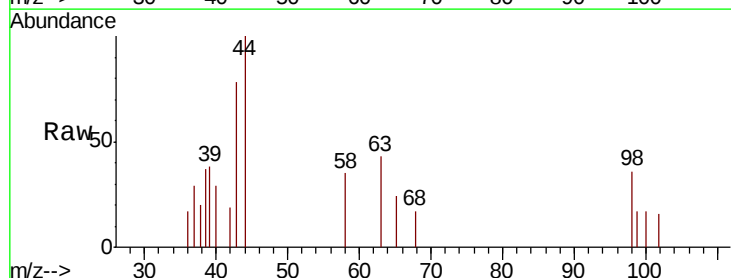
Acq: 12 Jan 2021 15:05

Tgt Ion: 43 Resp: 632

Ion Ratio Lower Upper

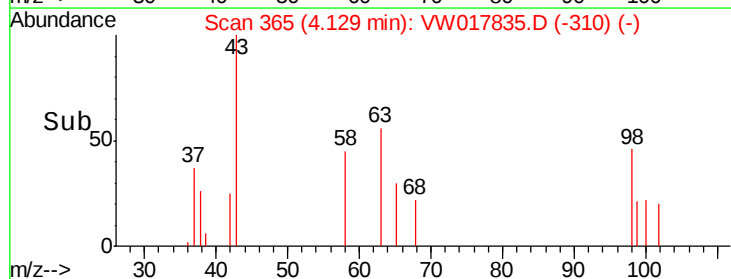
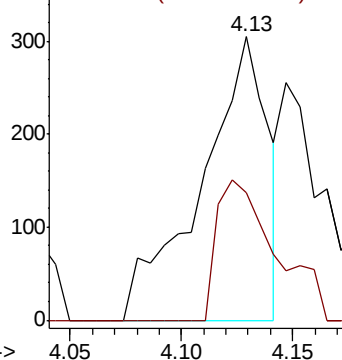
43 100

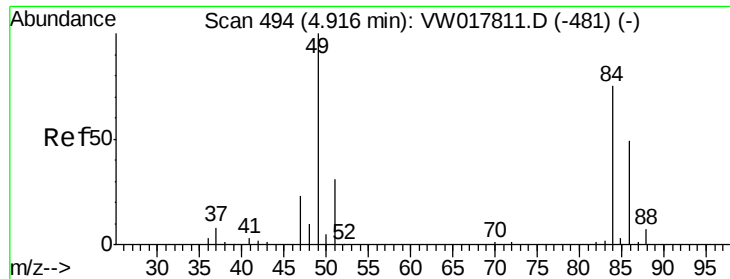
58 37.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

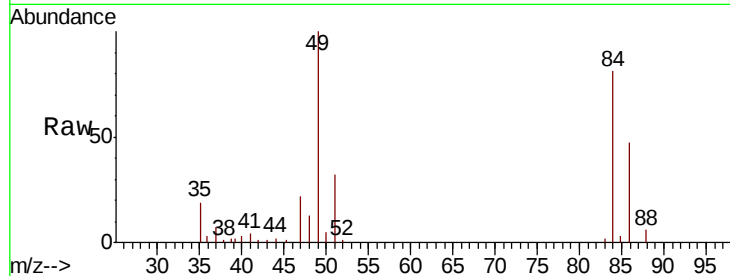




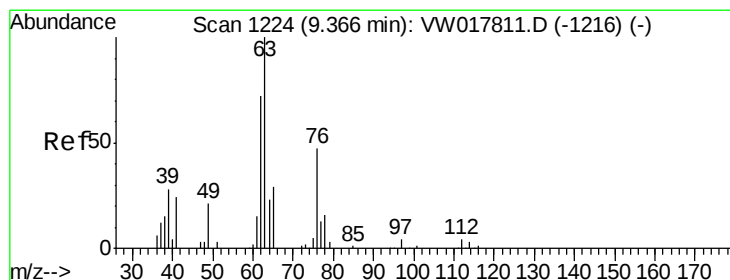
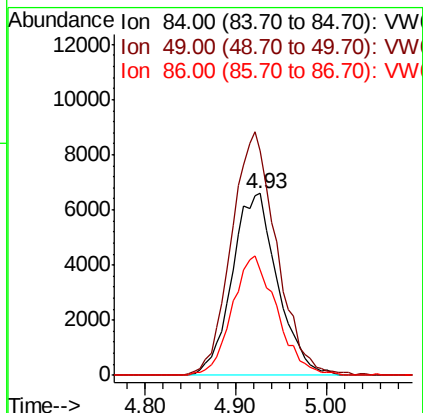
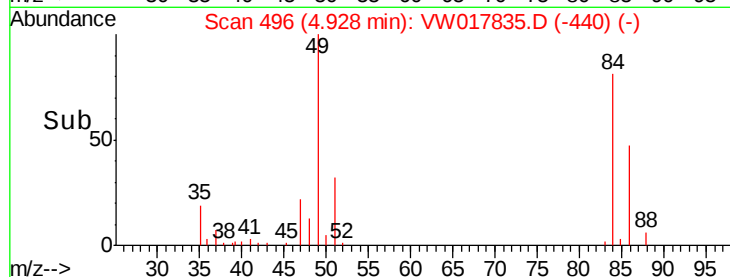
#16
Methvlene chloride
Concen: 5.234 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017835.D
Acq: 12 Jan 2021 15:05

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 22948
Ion Ratio Lower Upper
84 100
49 123.2 90.5 168.1
86 57.8 44.8 83.2

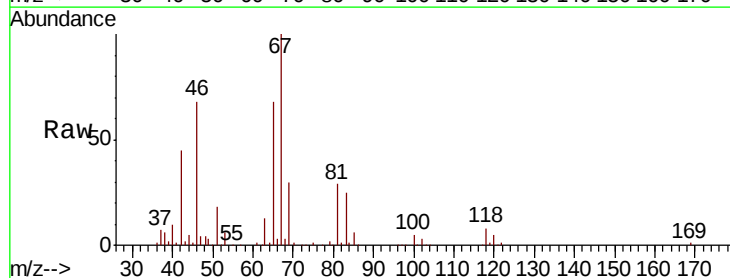


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

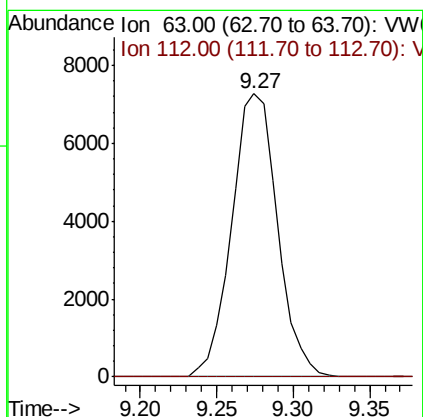
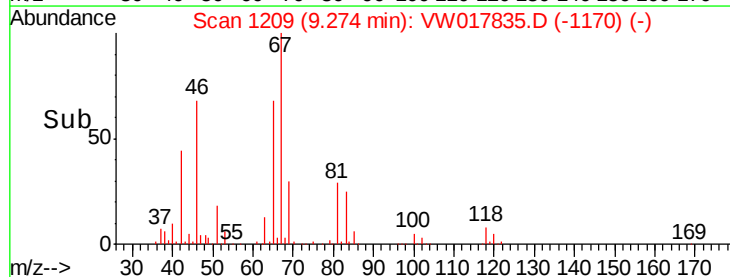


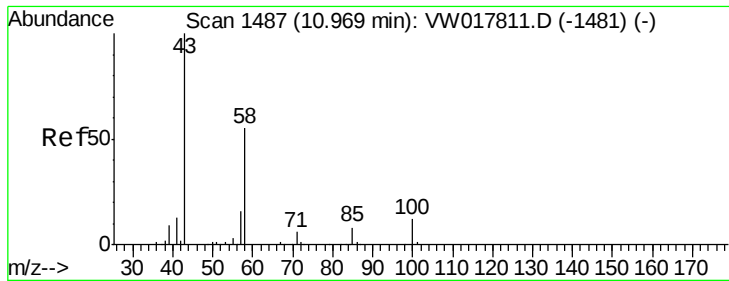
#40
1,2-Dichloropropane
Concen: 3.862 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW017835.D
Acq: 12 Jan 2021 15:05

Tgt Ion: 63 Resp: 15141
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#49

2-Hexanone

Concen: 1.062 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017835.D

Acq: 12 Jan 2021 15:05

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1435

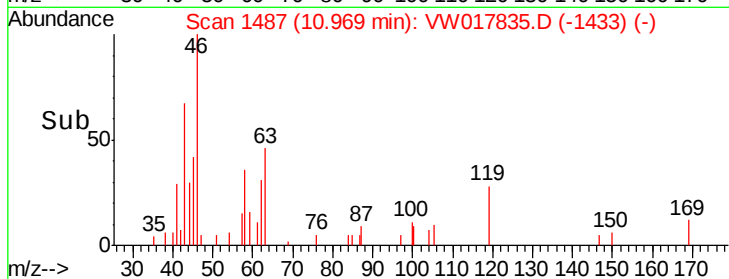
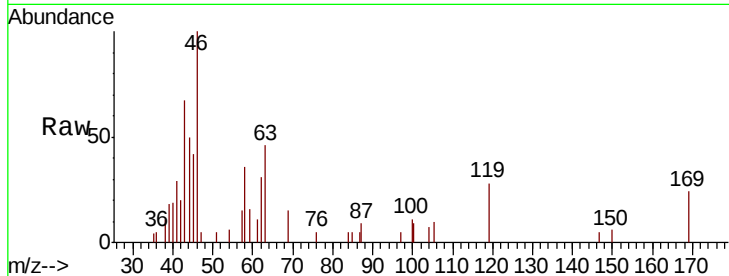
Ion Ratio Lower Upper

43 100

58 63.3 44.2 66.4

57 23.1 16.1 24.1

100 19.1 11.0 16.4#

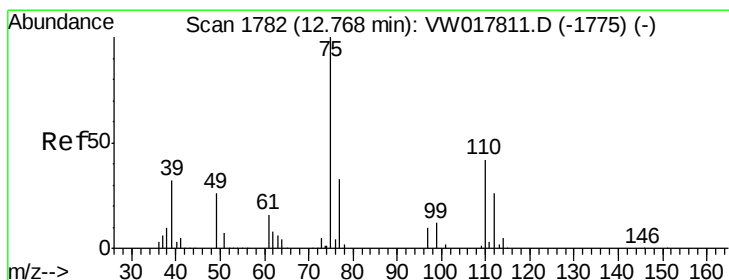
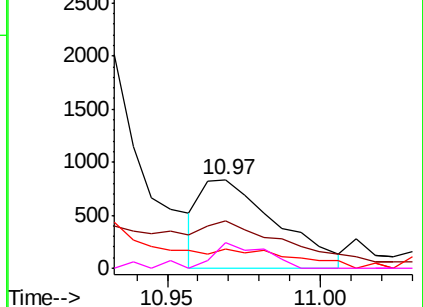


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 8.126 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017835.D

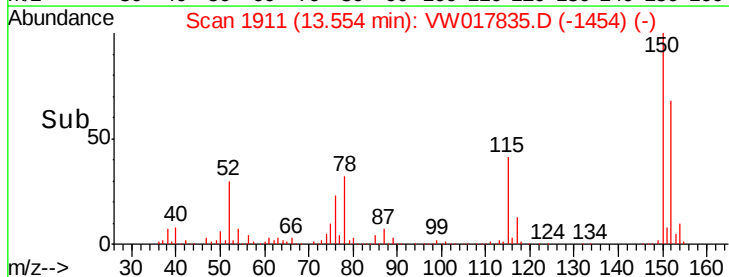
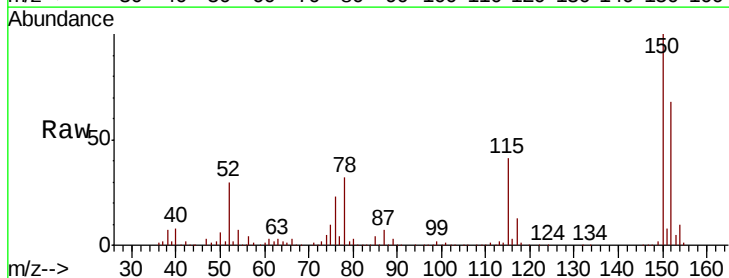
Acq: 12 Jan 2021 15:05

Tgt Ion: 75 Resp: 19429

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

