

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017589.D
 Acq On : 22 Jul 2020 15:01
 Operator : SY/MD
 Sample : L3386-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F87

Quant Time: Jul 23 05:26:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	320032	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306234	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146450	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84566	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	61049	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.96%
11) 1,1-Dichloroethene-d2	2.12	63	129277	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.78%
21) 2-Butanone-d5	3.91	46	139735	93.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.38	84	203467	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.06	65	147564	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
32) Benzene-d6	5.07	84	379114	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
36) 1,2-Dichloropropane-d6	6.09	67	116505	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.34	98	351344	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%
43) trans-1,3-Dichloropropene-	7.64	79	63869	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
47) 2-Hexanone-d5	8.11	63	101502	90.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158445	45.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	149287	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds

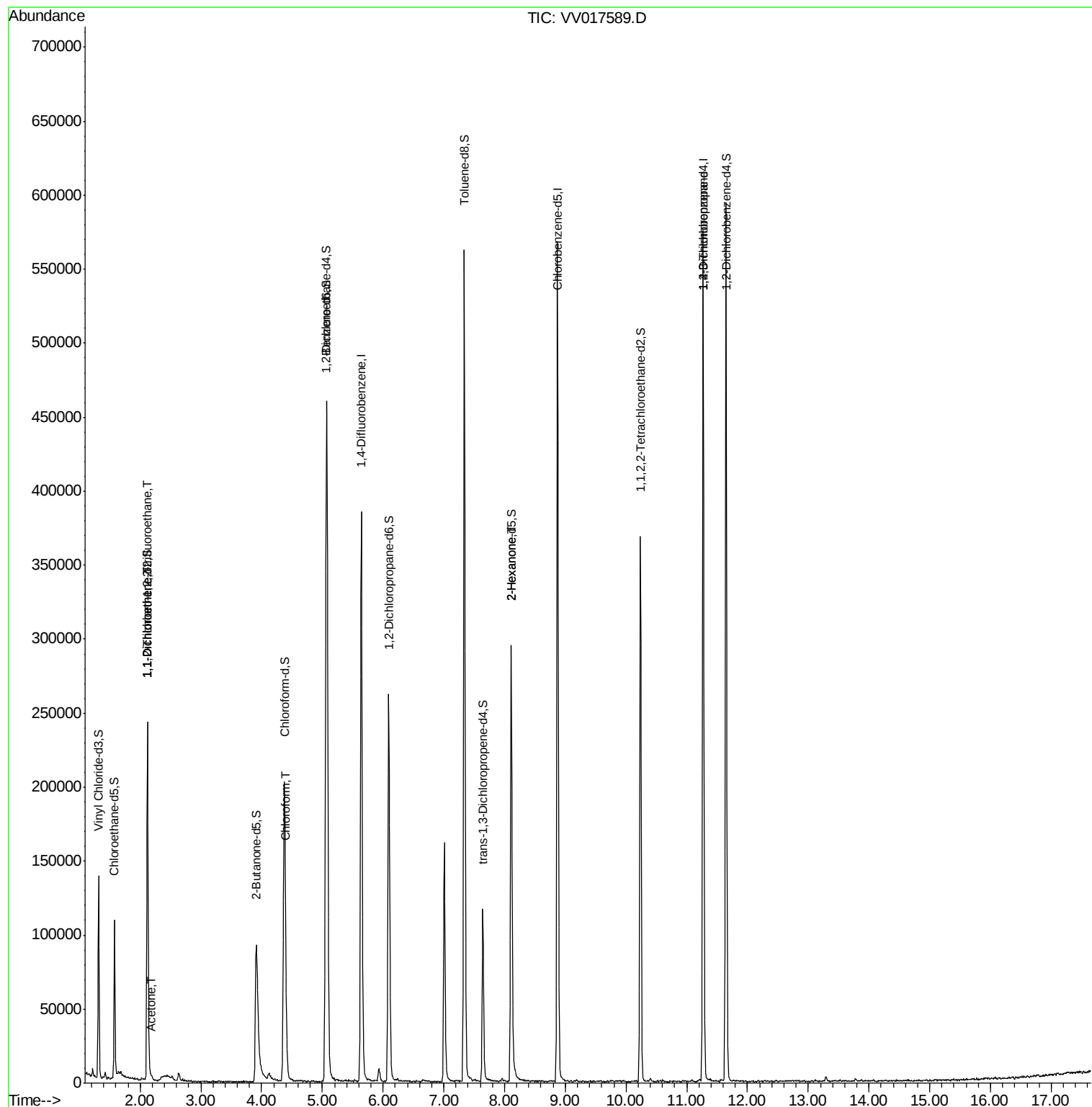
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1269	0.644 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1325	0.725 ug/L #	1
13) Acetone	2.19	43	2711	2.011 ug/L	92
25) Chloroform	4.40	83	12047	2.714 ug/L	99
48) 2-Hexanone	8.11	43	13239	5.220 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	15626	5.159 ug/L	89

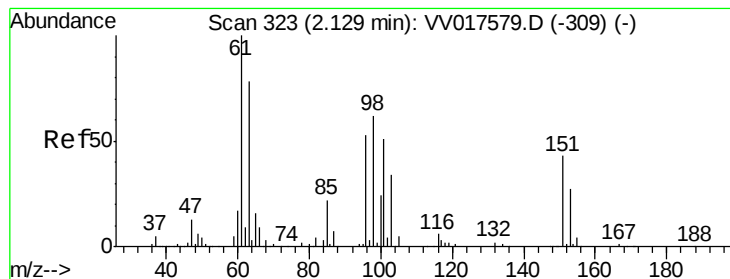
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 23 05:23:23 2020
Response via : Initial Calibration





#10

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

Concen: 0.644 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017589.D

Acq: 22 Jul 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

C0F87

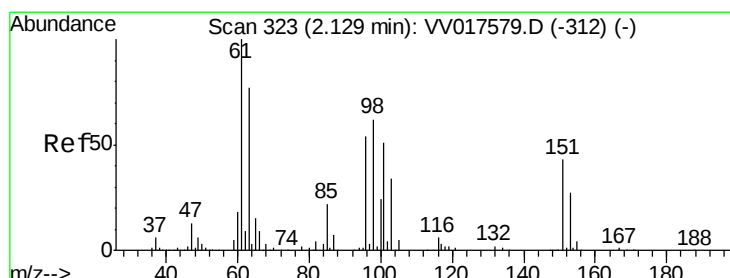
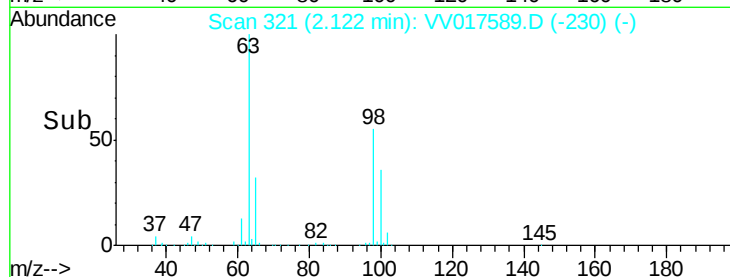
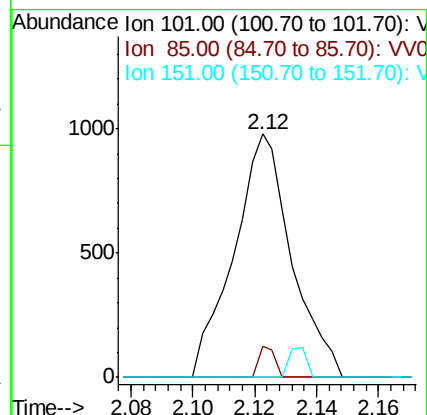
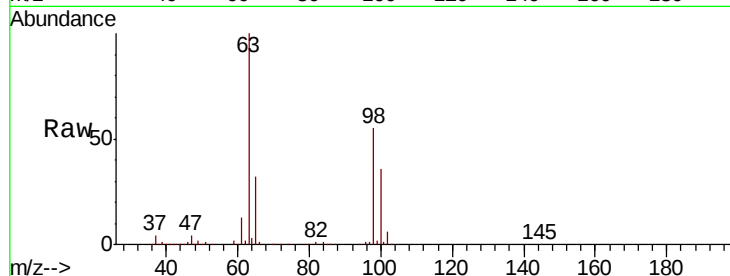
Tot Ion:101 Resp: 1269

Ion Ratio Lower Upper

101 100

85 3.5 35.1 52.7#

151 3.5 67.0 100.4#



#12

1,1-Dichloroethene

Concen: 0.725 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017589.D

Acq: 22 Jul 2020 15:01

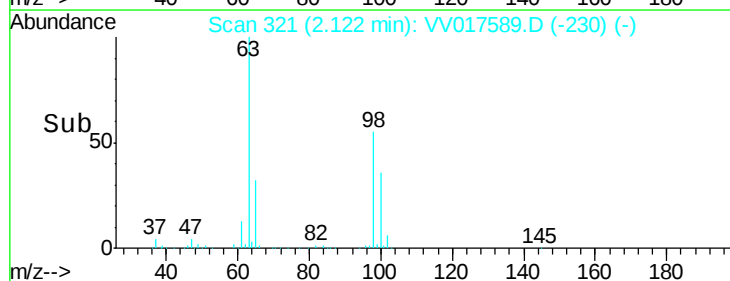
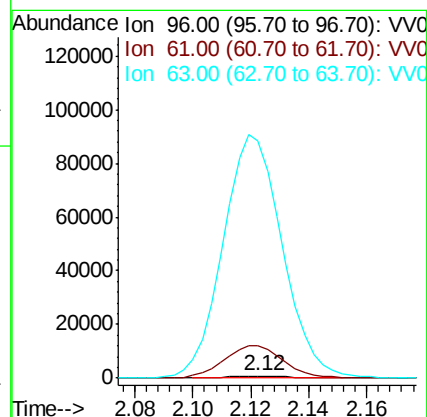
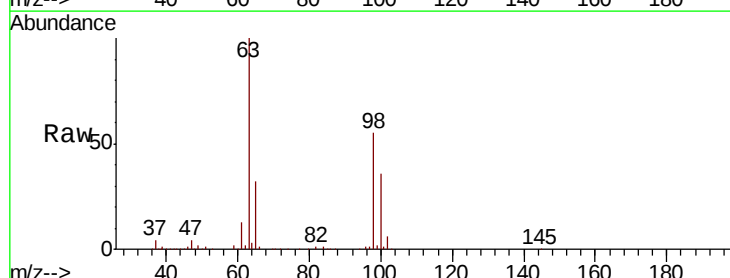
Tgt Ion: 96 Resp: 1325

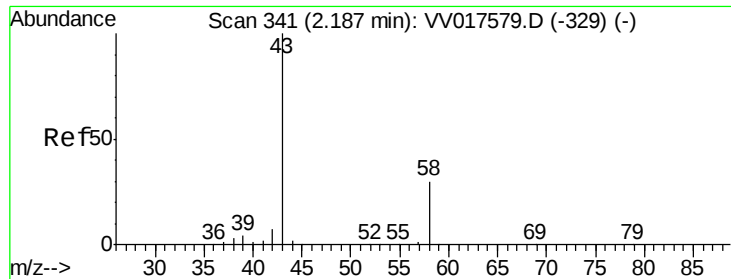
Ion Ratio Lower Upper

96 100

61 1423.7 124.5 231.3#

63 10598.3 89.0 165.4#





#13

Acetone

Concen: 2.011 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017589.D

Acq: 22 Jul 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

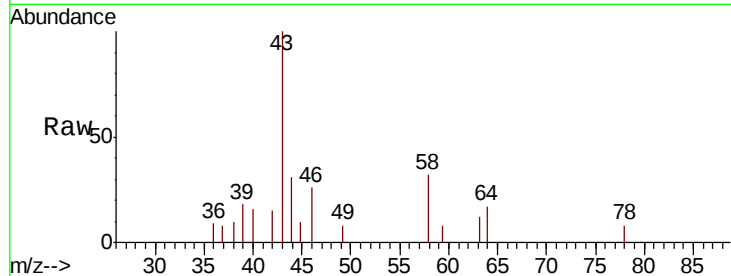
C0F87

Tot Ion: 43 Resp: 2711

Ion Ratio Lower Upper

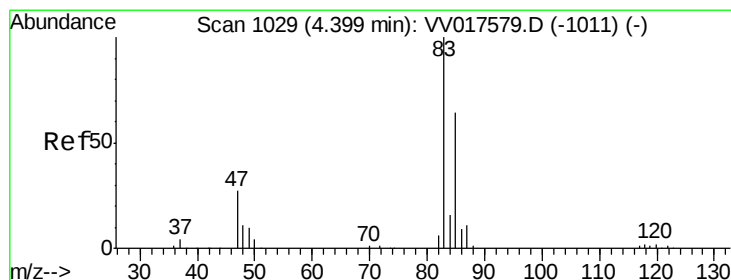
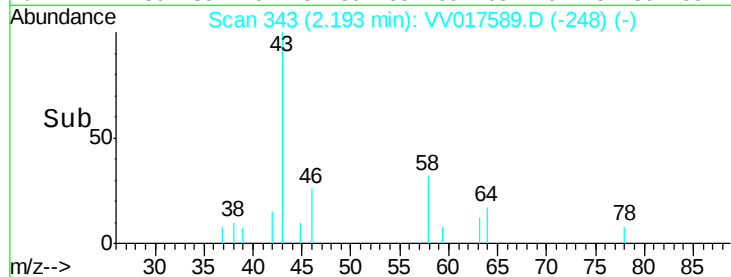
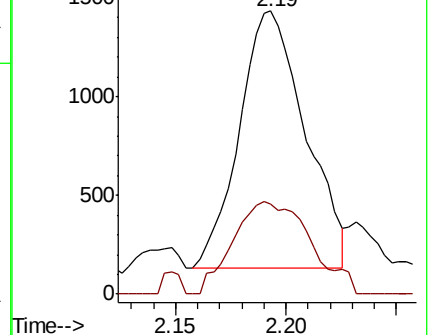
43 100

58 24.6 0.0 58.0



Abundance Ion 43.00 (42.70 to 43.70): VV017579.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017579.D (-329) (-)



#25

Chloroform

Concen: 2.714 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017589.D

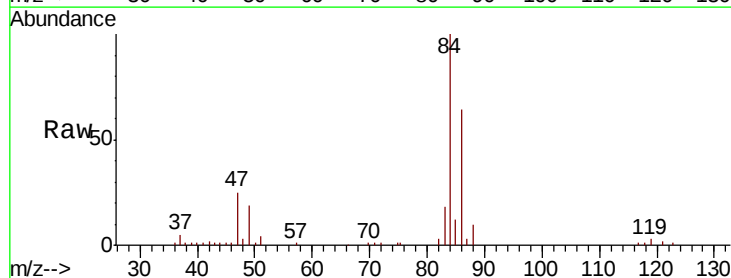
Acq: 22 Jul 2020 15:01

Tgt Ion: 83 Resp: 12047

Ion Ratio Lower Upper

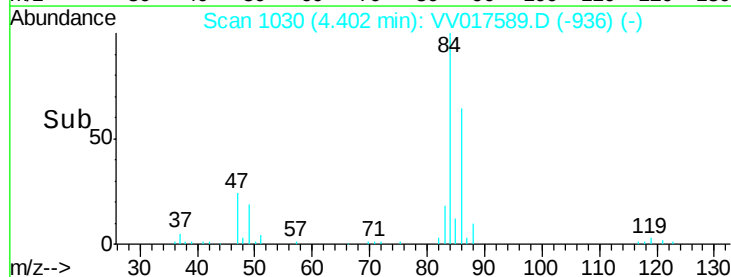
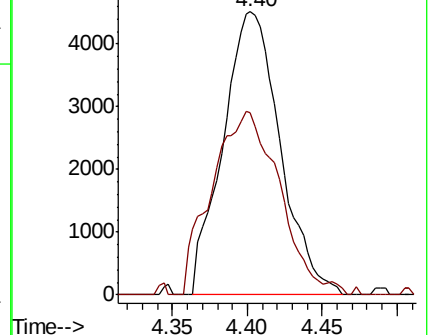
83 100

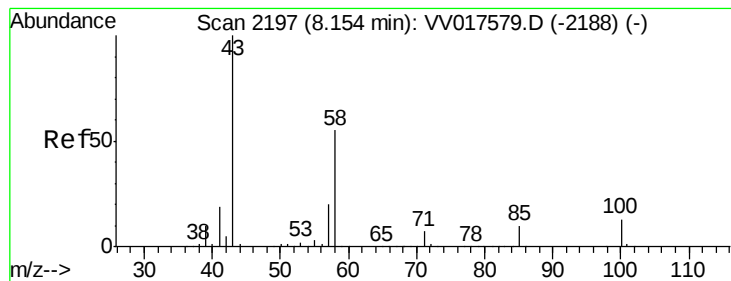
85 64.4 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VV017579.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV017579.D (-1011) (-)





#48

2-Hexanone

Concen: 5.220 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017589.D

Acq: 22 Jul 2020 15:01

Instrument :

MSVOA_V

ClientSampled :

C0F87

Tot Ion: 43 Resp: 13239

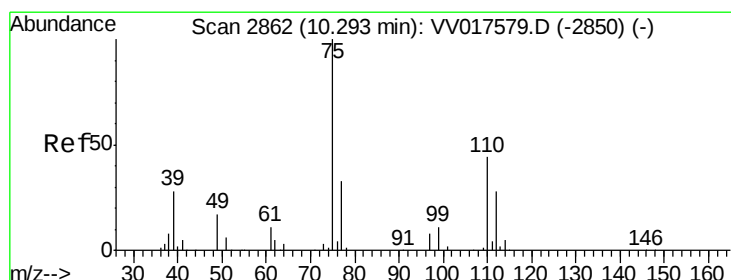
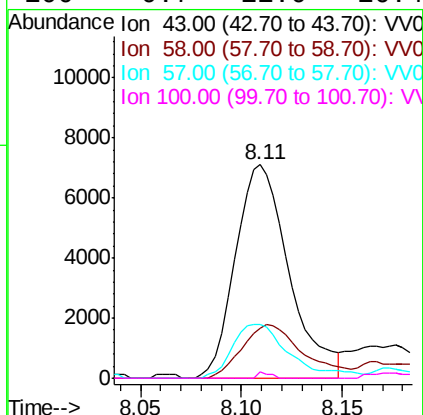
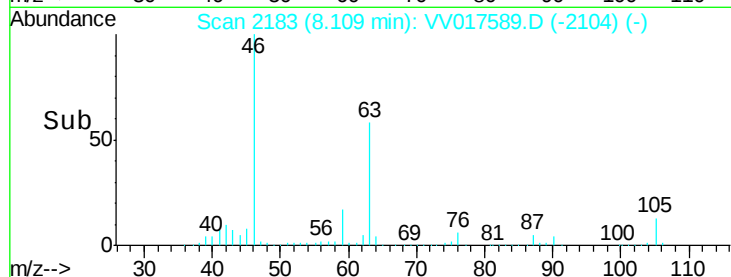
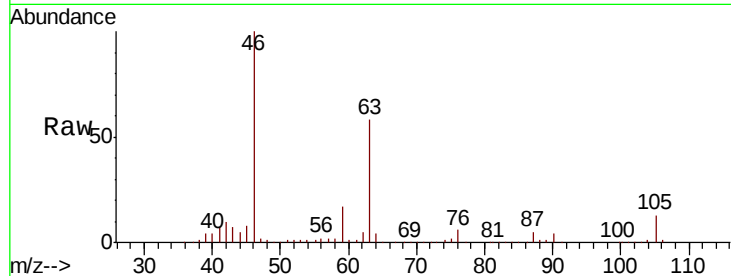
Ion Ratio Lower Upper

43 100

58 28.5 44.3 66.5#

57 25.3 16.9 25.3#

100 0.7 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 5.159 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017589.D

Acq: 22 Jul 2020 15:01

Tgt Ion: 75 Resp: 15626

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9

