

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017924.D
 Acq On : 12 Aug 2020 13:40
 Operator : SY/MD
 Sample : L3644-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M26

Quant Time: Aug 13 04:37:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261944	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250798	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93309	46.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.38%
7) Chloroethane-d5	1.58	69	78147	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.58%
11) 1,1-Dichloroethene-d2	2.12	63	136838	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	3.91	46	124940	95.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.45%
24) Chloroform-d	4.38	84	170521	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
26) 1,2-Dichloroethane-d4	5.06	65	117211	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
32) Benzene-d6	5.07	84	342958	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.09	67	112398	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	7.34	98	298386	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	48303	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.11	63	58742	81.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128411	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	115465	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

Target Compounds

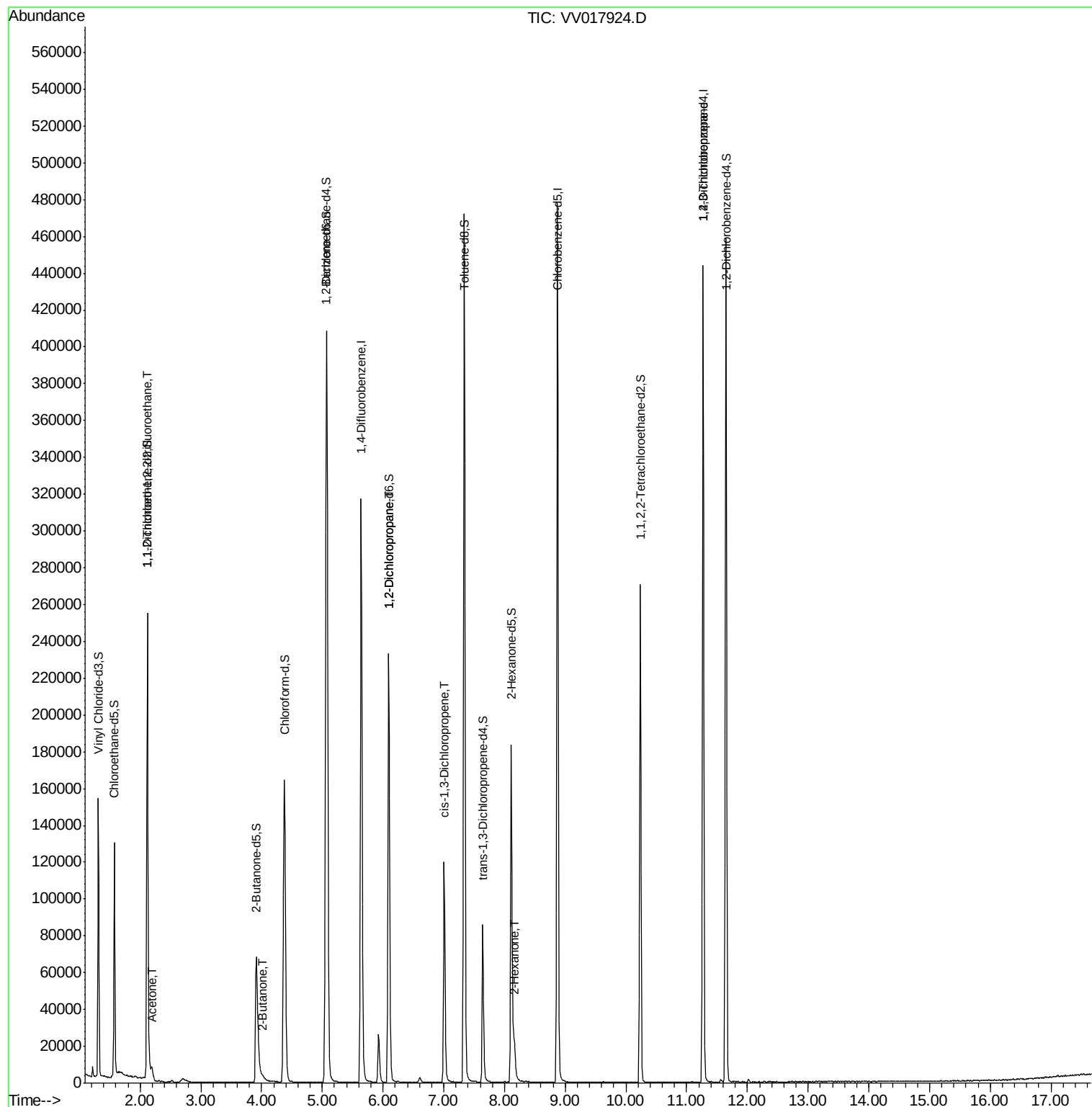
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1273	0.686	ug/L # 20
13) Acetone	2.19	43	9344	6.911	ug/L 98
22) 2-Butanone	4.03	43	2556	1.685	ug/L # 56
37) 1,2-Dichloropropane	6.09	63	12409	5.864	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2890	0.963	ug/L # 61
48) 2-Hexanone	8.17	43	11951	5.358	ug/L 96
59) 1,2,3-Trichloropropane	11.27	75	13250	5.070	ug/L 93

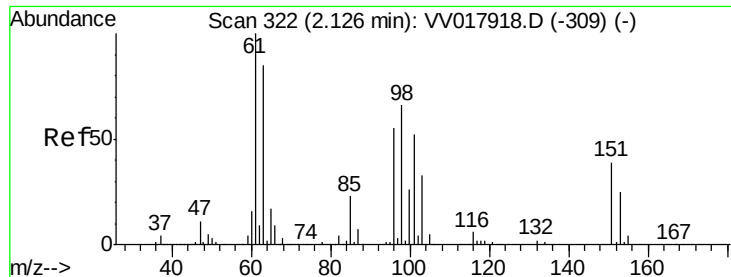
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.686 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017924.D

Acq: 12 Aug 2020 13:40

Instrument :

MSVOA_V

ClientSampleId :

F2M26

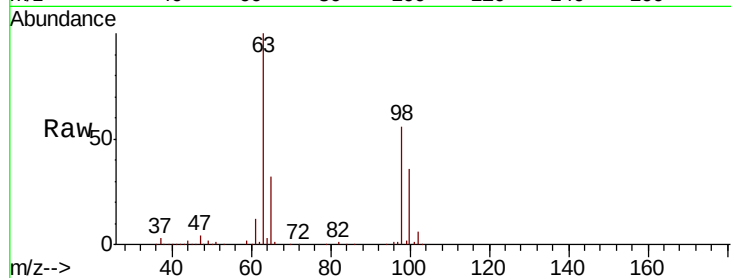
Tot Ion:101 Resp: 1273

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

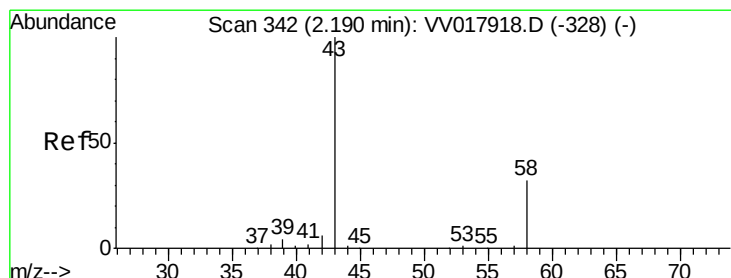
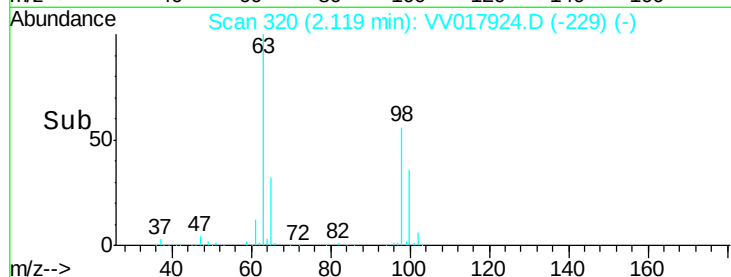
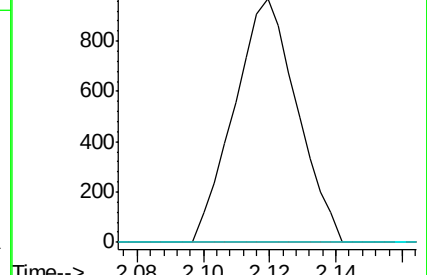
151 0.0 59.1 88.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.911 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV017924.D

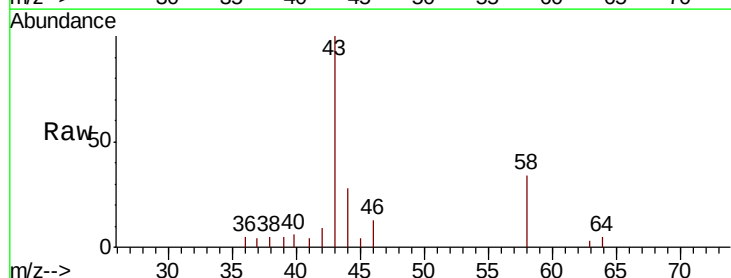
Acq: 12 Aug 2020 13:40

Tgt Ion: 43 Resp: 9344

Ion Ratio Lower Upper

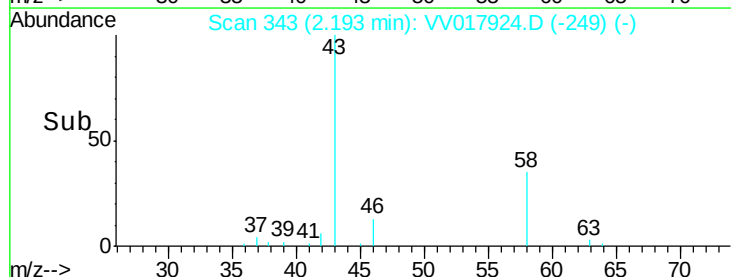
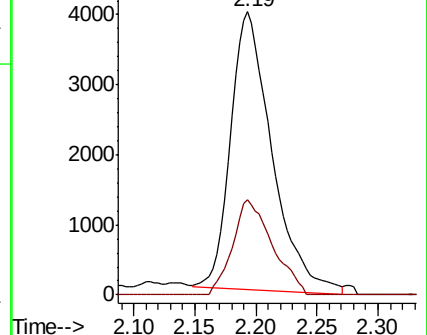
43 100

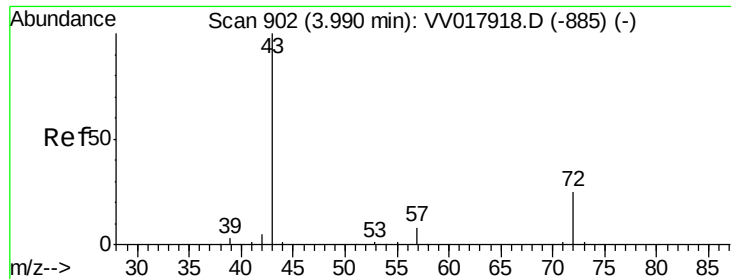
58 32.7 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#22

2-Butanone

Concen: 1.685 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.04 min

Lab File: VV017924.D

Acq: 12 Aug 2020 13:40

Instrument :

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ClientSampleId :

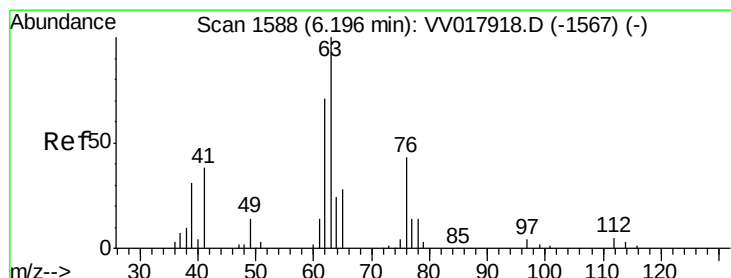
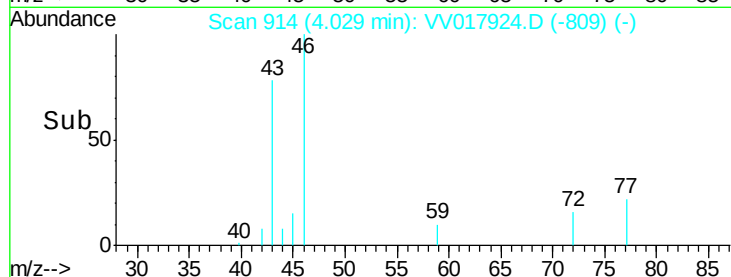
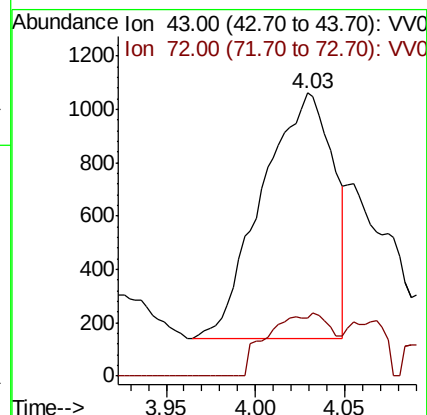
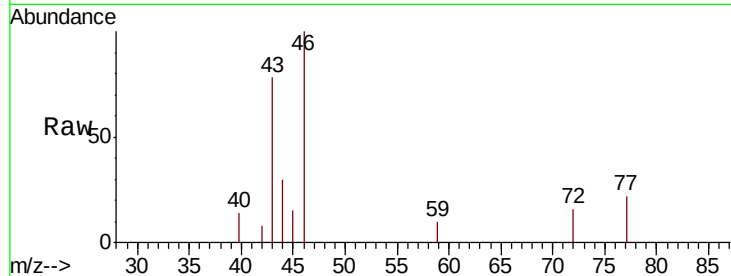
F2M26

Tot Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

72 3.4 12.7 38.0#



#37

1,2-Dichloropropane

Concen: 5.864 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017924.D

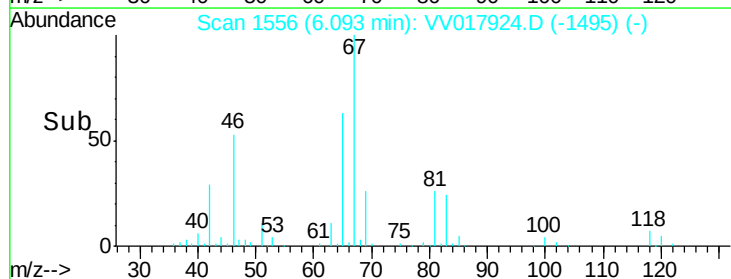
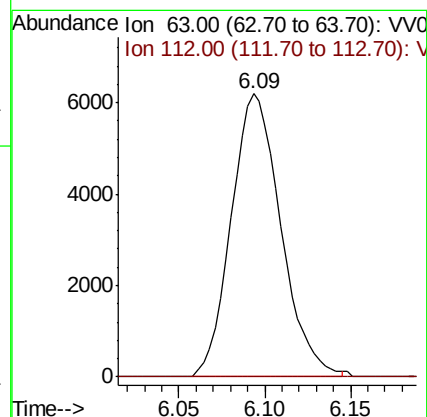
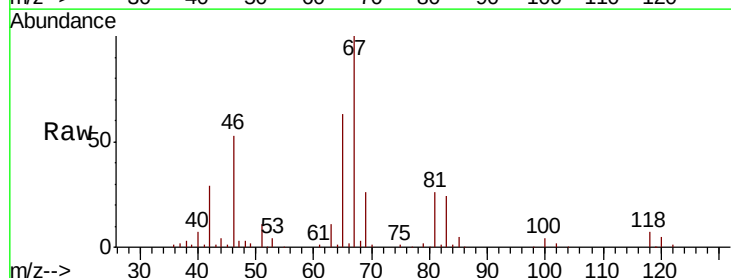
Acq: 12 Aug 2020 13:40

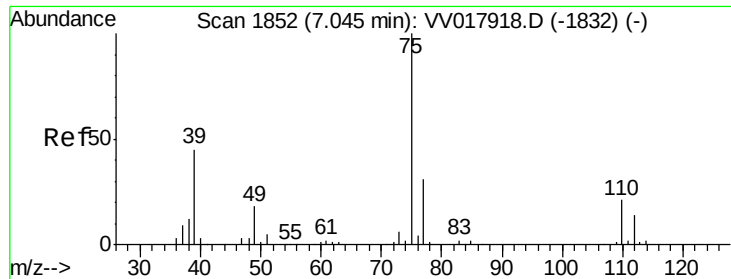
Tgt Ion: 63 Resp: 12409

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

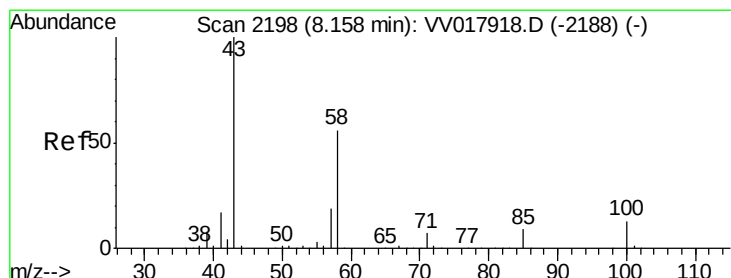
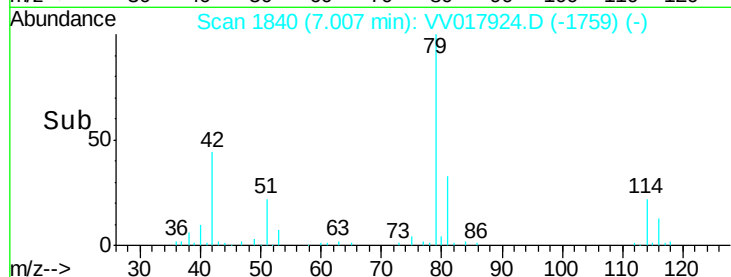
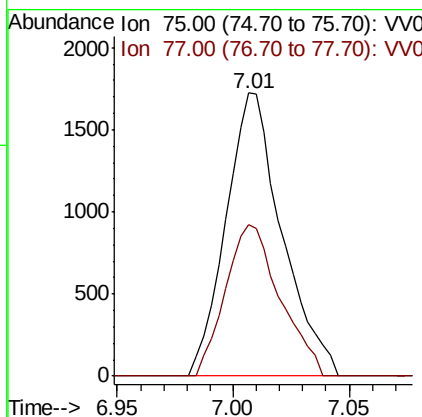
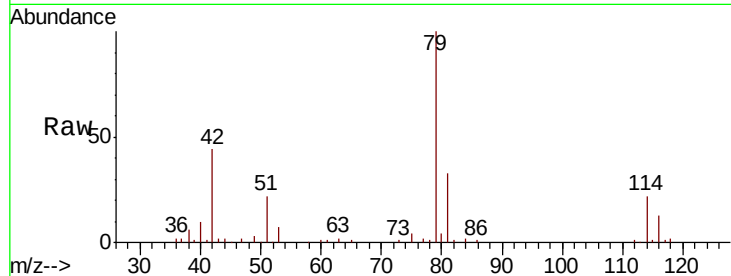




#39
 cis-1,3-Dichloropropene
 Concen: 0.963 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017924.D
 Acq: 12 Aug 2020 13:40

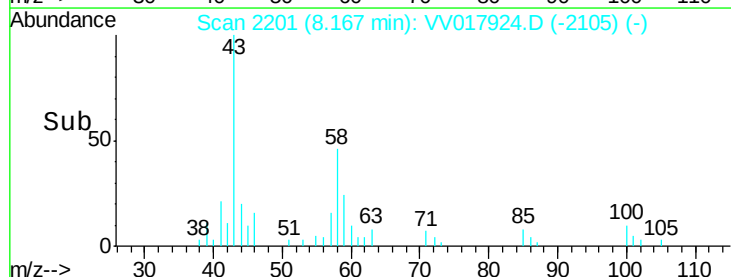
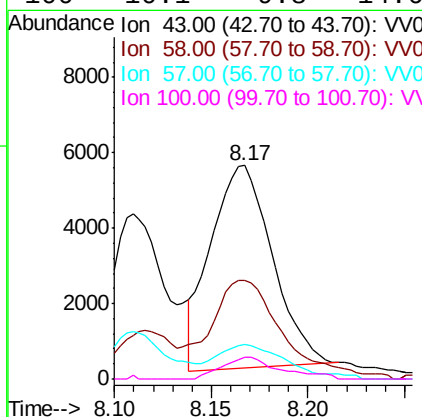
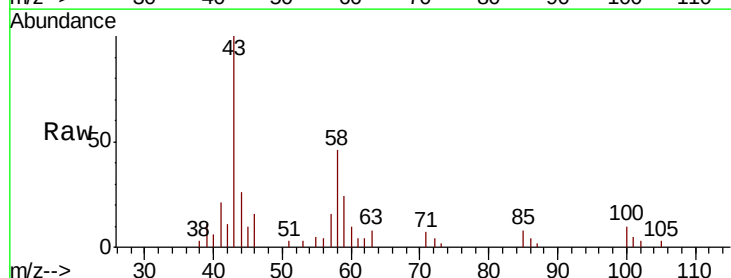
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 F2M26

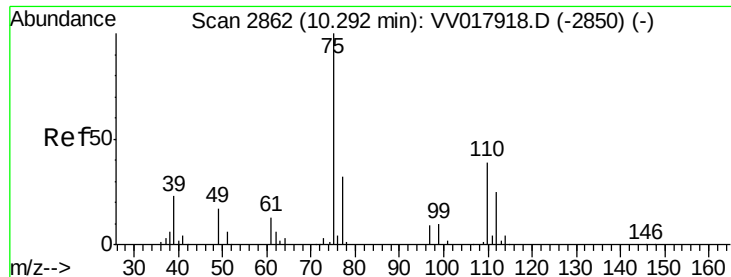
Tot Ion: 75 Resp: 2890
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.3 41.5#



#48
 2-Hexanone
 Concen: 5.358 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017924.D
 Acq: 12 Aug 2020 13:40

Tgt Ion: 43 Resp: 11951
 Ion Ratio Lower Upper
 43 100
 58 52.4 44.4 66.6
 57 18.8 15.2 22.8
 100 10.1 9.8 14.6





#59

1,2,3-Trichloropropane

Concen: 5.070 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017924.D

Acq: 12 Aug 2020 13:40

Instrument :

MSVOA_V

ClientSampleId :

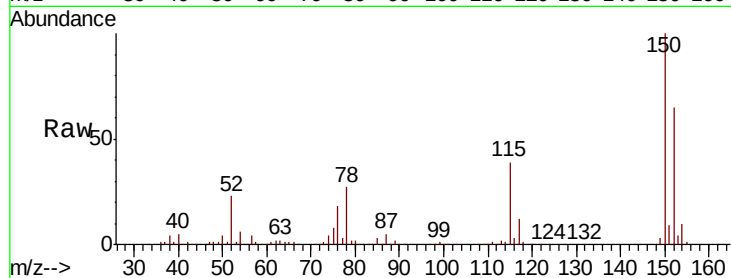
F2M26

Tot Ion: 75 Resp: 13250

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

