

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV071725.D
 Acq On : 17 Jul 2020 15:07
 Operator : SY/MD
 Sample : L3336-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-1

Quant Time: Jul 18 05:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291298	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279326	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70503	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.98%
7) Chloroethane-d5	1.58	69	64574	60.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.24%
11) 1,1-Dichloroethene-d2	2.12	63	139875	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.48%
21) 2-Butanone-d5	3.91	46	92245	89.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.06%
24) Chloroform-d	4.38	84	156645	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.06	65	117103	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.07	84	277895	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
36) 1,2-Dichloropropane-d6	6.09	67	80816	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.02%
41) Toluene-d8	7.34	98	261551	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.64	79	47029	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.00%
47) 2-Hexanone-d5	8.11	63	75601	106.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	117718	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	115398	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%

Target Compounds

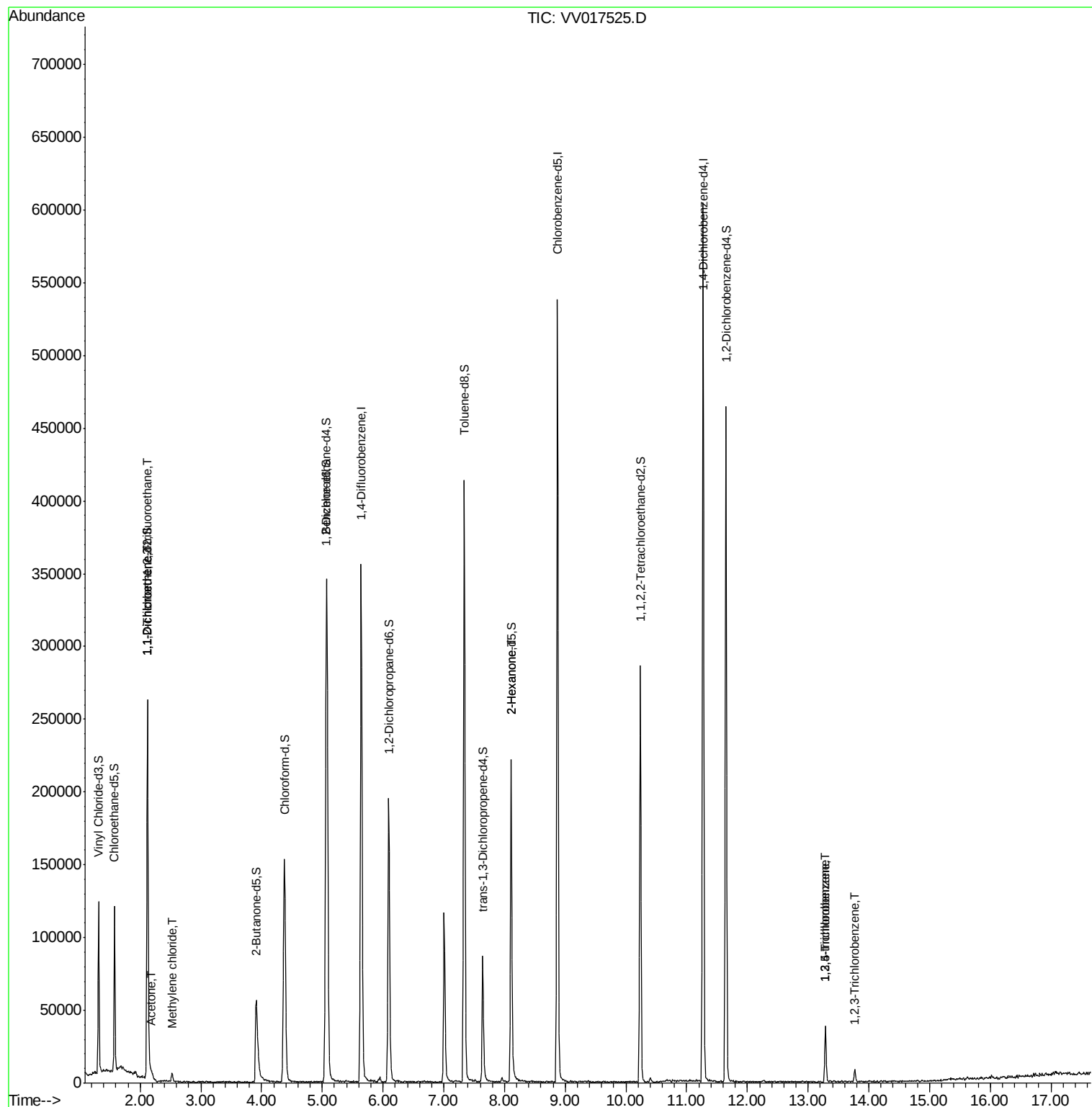
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1462	0.756 ug/L #	16
12) 1,1-Dichloroethene	2.13	96	1582	0.904 ug/L #	1
13) Acetone	2.19	43	5850	4.149 ug/L	70
16) Methylene chloride	2.52	84	2324	1.141 ug/L	94
48) 2-Hexanone	8.11	43	9189	4.546 ug/L #	67
67) 1,3,5-Trichlorobenzene	13.29	180	11370	3.191 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	11370	3.639 ug/L	93
70) 1,2,3-Trichlorobenzene	13.77	180	2663	0.838 ug/L	95

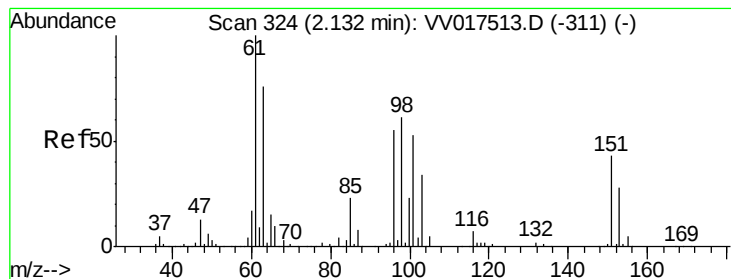
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.756 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017525.D

Acq: 17 Jul 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

MW-1

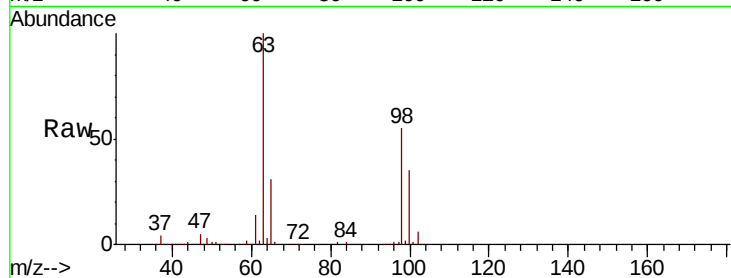
Tot Ion:101 Resp: 1462

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

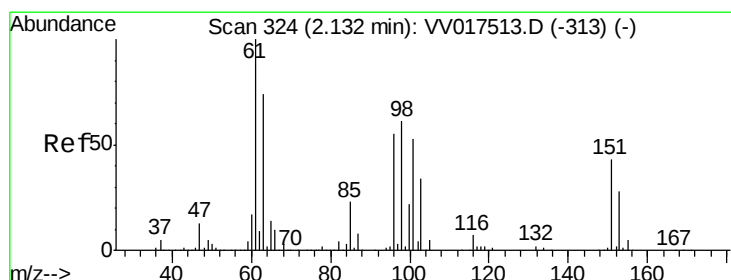
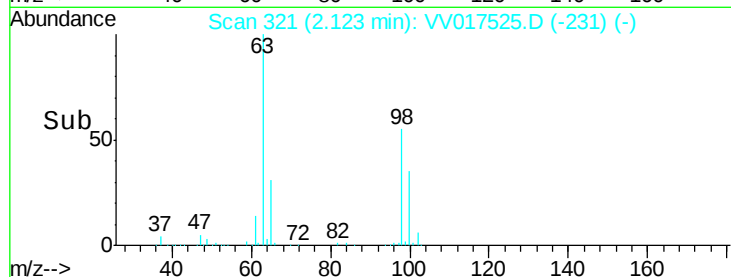
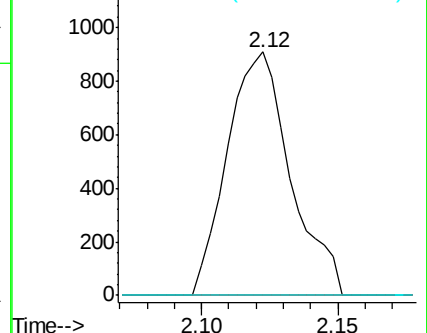
151 0.0 66.8 100.2#



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



#12

1,1-Dichloroethene

Concen: 0.904 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017525.D

Acq: 17 Jul 2020 15:07

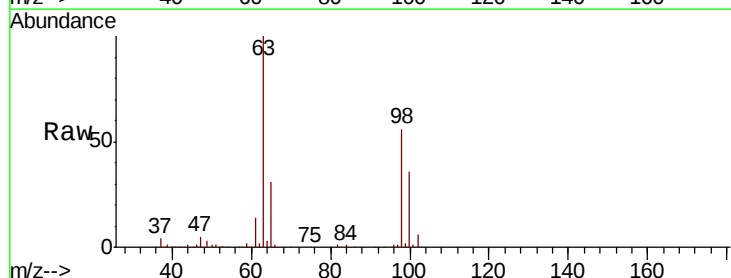
Tgt Ion: 96 Resp: 1582

Ion Ratio Lower Upper

96 100

61 1129.2 132.7 246.4#

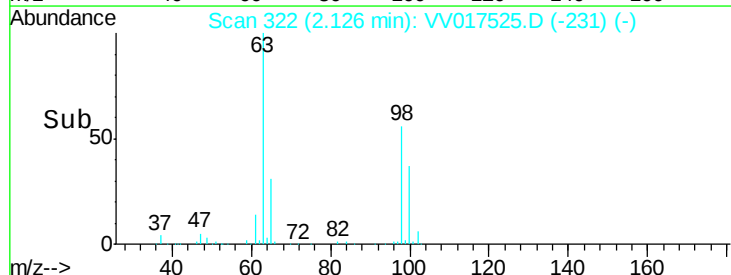
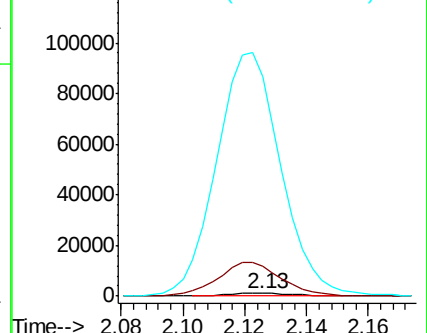
63 8226.8 103.3 191.8#

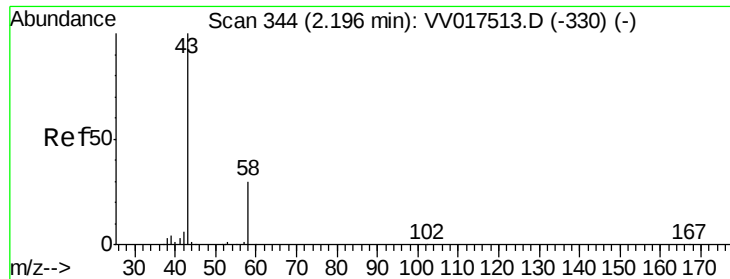


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.149 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV017525.D

Acq: 17 Jul 2020 15:07

Instrument :

MSVOA_V

ClientSampled :

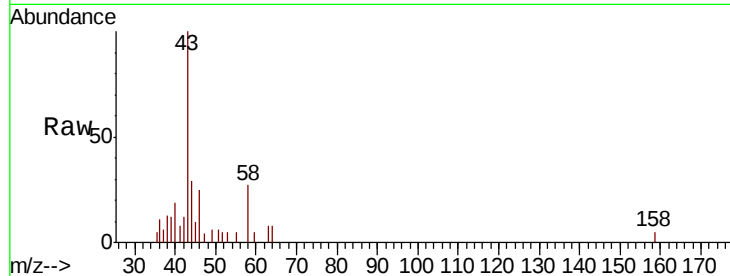
MW-1

Tot Ion: 43 Resp: 5850

Ion Ratio Lower Upper

43 100

58 12.4 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2500

2000

1500

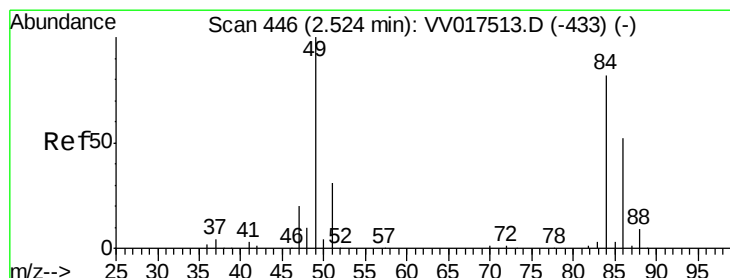
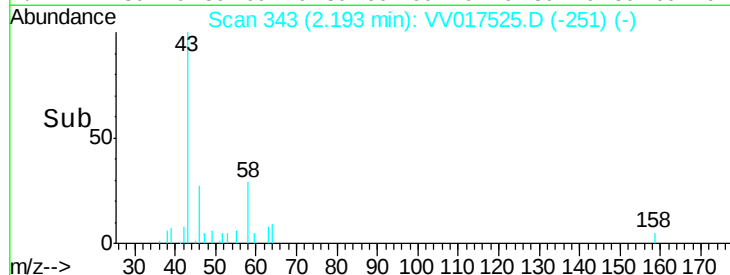
1000

500

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 1.141 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017525.D

Acq: 17 Jul 2020 15:07

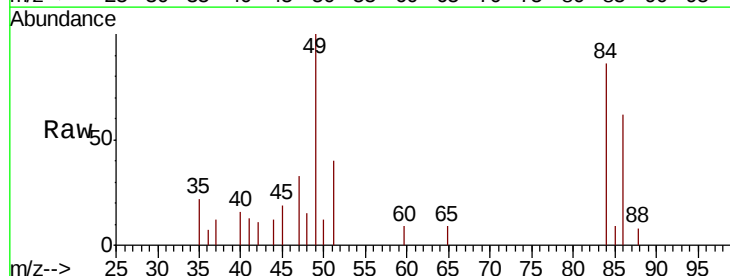
Tgt Ion: 84 Resp: 2324

Ion Ratio Lower Upper

84 100

86 72.8 46.5 86.5

49 116.5 85.3 158.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

2000

1500

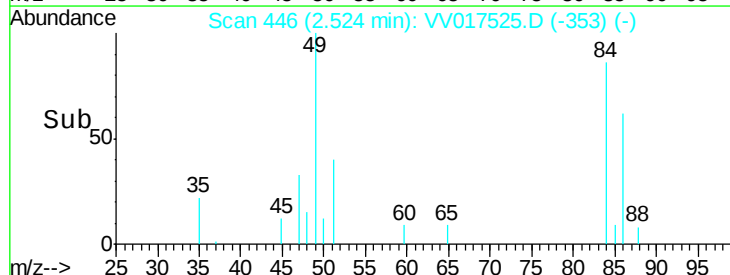
1000

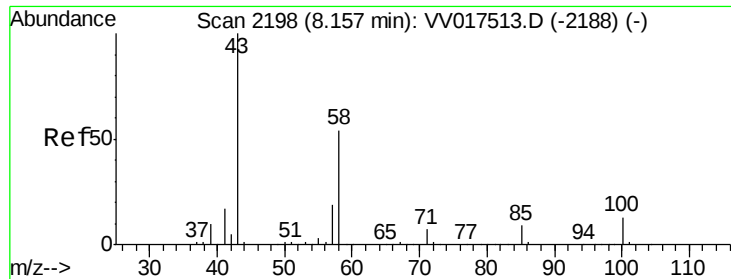
500

0

Time-->

2.50 2.55

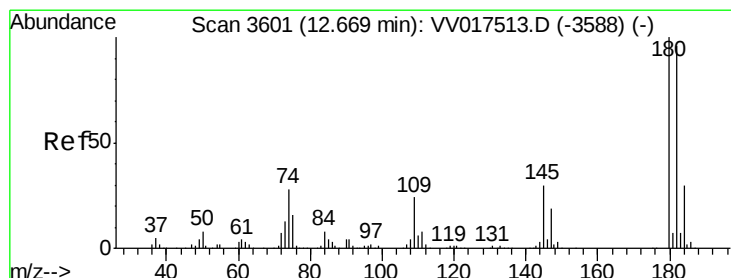
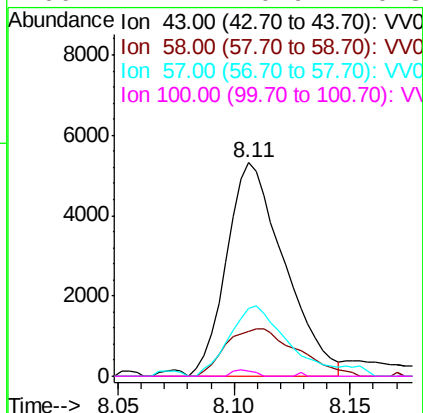
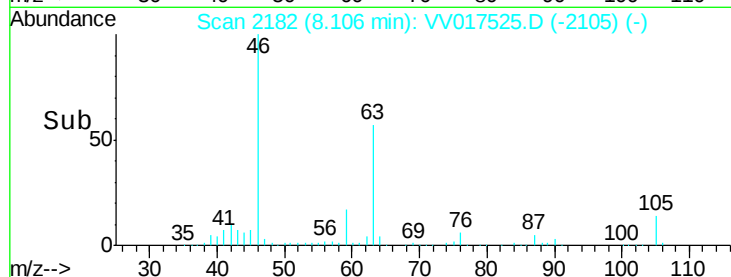
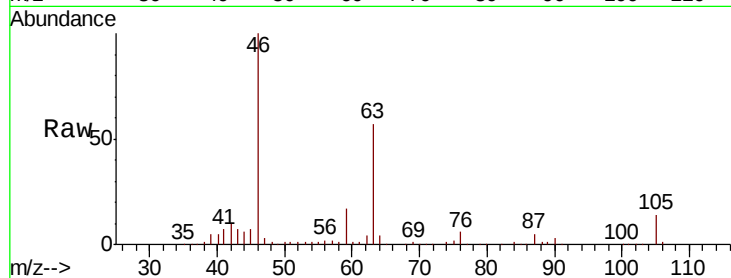




#48
2-Hexanone
Concen: 4.546 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV017525.D
Acq: 17 Jul 2020 15:07

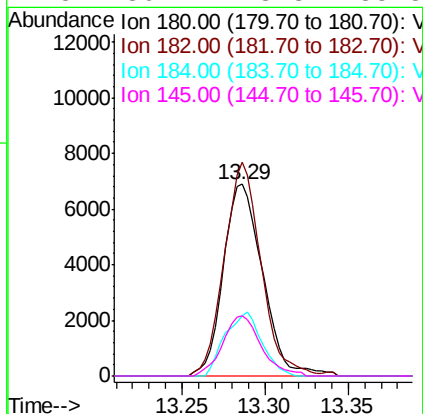
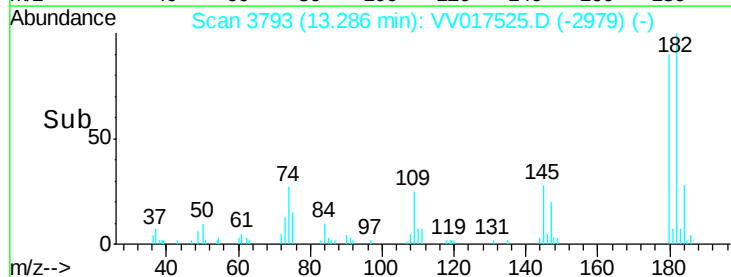
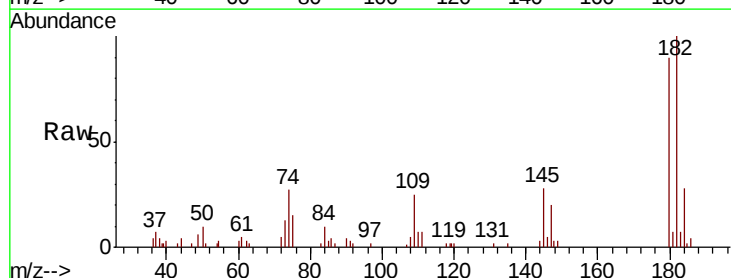
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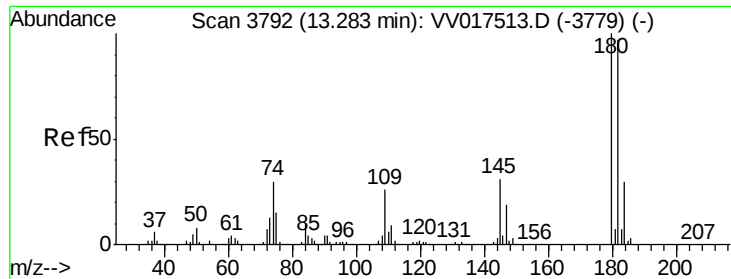
Tot Ion: 43 Resp: 9189
Ion Ratio Lower Upper
43 100
58 27.7 42.6 64.0#
57 32.9 16.2 24.4#
100 1.1 10.9 16.3#



#67
1,3,5-Trichlorobenzene
Concen: 3.191 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV017525.D
Acq: 17 Jul 2020 15:07

Tgt Ion: 180 Resp: 11370
Ion Ratio Lower Upper
180 100
182 104.4 77.0 115.4
184 30.9 24.0 36.0
145 30.7 23.8 35.8

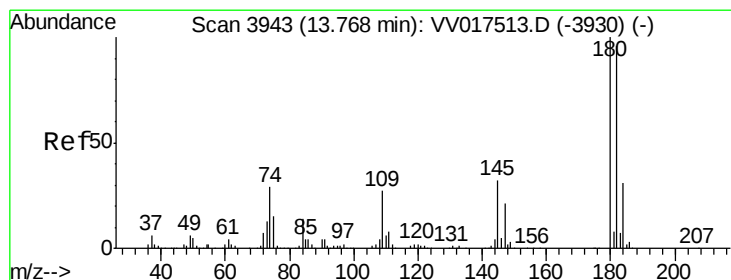
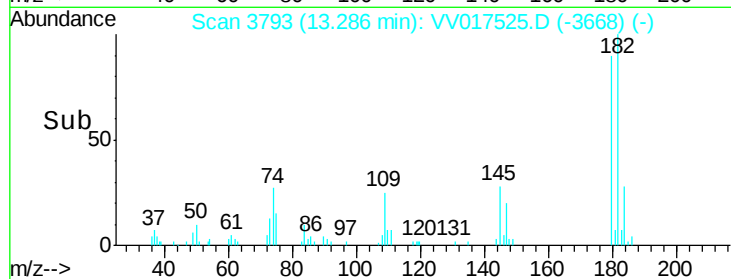
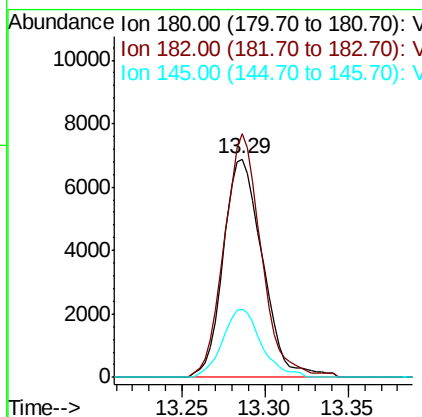
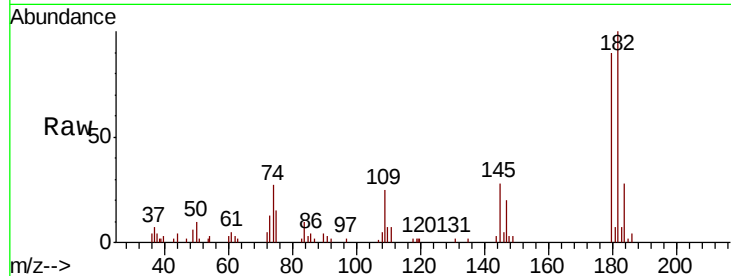




#68
 1,2,4-trichlorobenzene
 Concen: 3.639 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017525.D
 Acq: 17 Jul 2020 15:07

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-1

Tot Ion:180 Resp: 11370
 Ion Ratio Lower Upper
 180 100
 182 104.4 76.0 114.0
 145 30.7 24.6 36.8



#70
 1,2,3-Trichlorobenzene
 Concen: 0.838 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VV017525.D
 Acq: 17 Jul 2020 15:07

Tgt Ion:180 Resp: 2663
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.3 114.5
 145 29.9 26.5 39.7

