

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017186.D
 Acq On : 26 Jun 2020 17:03
 Operator : SY/MD
 Sample : L3103-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:26:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310555	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100418	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.64%
7) Chloroethane-d5	1.58	69	65901	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.24%
11) 1,1-Dichloroethene-d2	2.12	63	154078	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.74%
21) 2-Butanone-d5	3.91	46	150934	93.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.38	84	222460	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.86%
26) 1,2-Dichloroethane-d4	5.06	65	159531	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.08	84	419428	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.09	67	127306	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	7.34	98	380559	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%
43) trans-1,3-Dichloropropene-	7.64	79	64378	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.98%
47) 2-Hexanone-d5	8.11	63	99567	85.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166527	47.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	156699	52.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.70%

Target Compounds

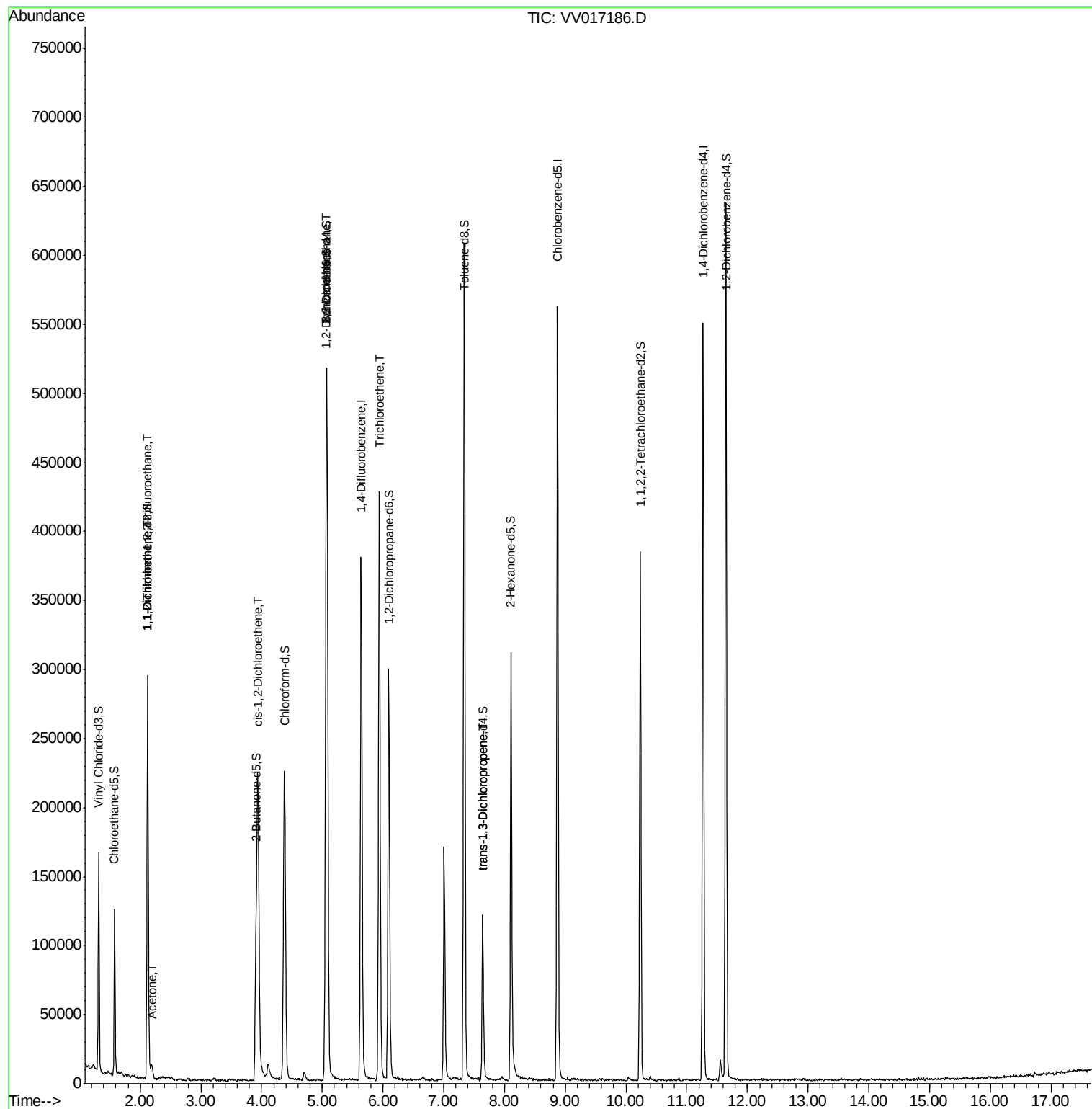
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1602	0.970 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1516	0.984 ug/L #	1
13) Acetone	2.19	43	13066	12.227 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	108516	47.363 ug/L	99
27) 1,2-Dichloroethane	5.08	62	2951	0.866 ug/L	98
34) Trichloroethene	5.94	95	143117	60.955 ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	3239	0.942 ug/L	89

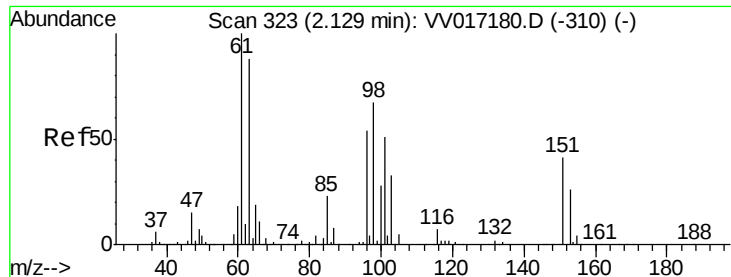
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 27 00:23:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.970 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017186.D

Acq: 26 Jun 2020 17:03

Instrument :

MSVOA_V

ClientSampled :

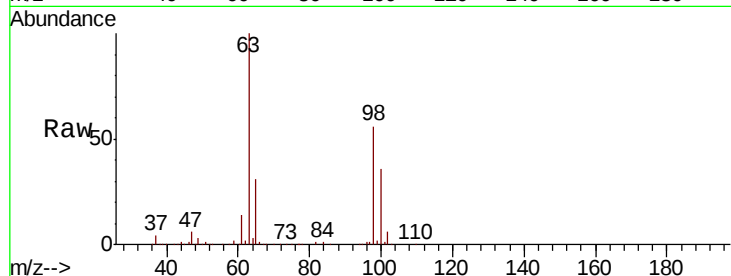
Tot Ion:101 Resp: 1602

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

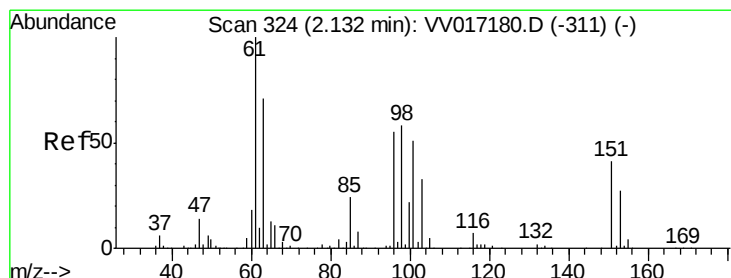
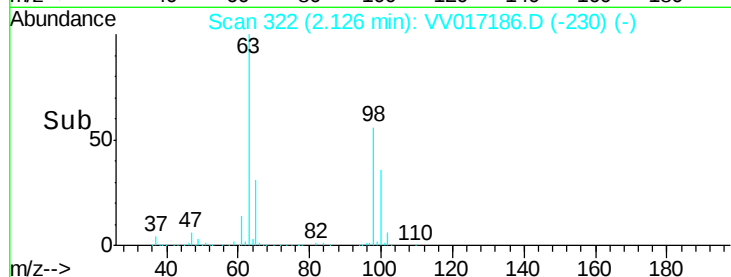
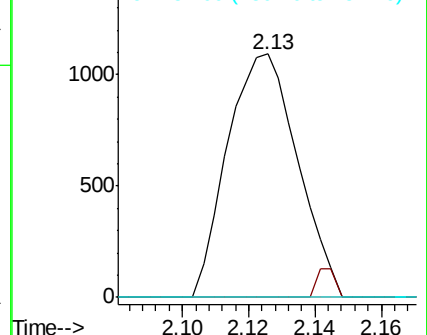
151 0.0 63.9 95.9#



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: 0.984 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017186.D

Acq: 26 Jun 2020 17:03

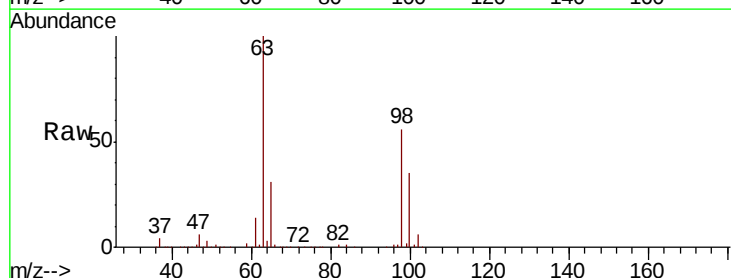
Tgt Ion: 96 Resp: 1516

Ion Ratio Lower Upper

96 100

61 1608.1 130.4 242.2#

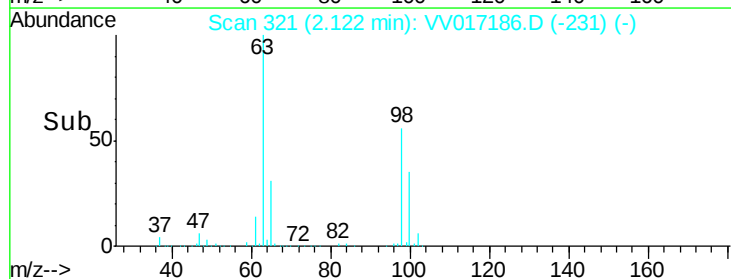
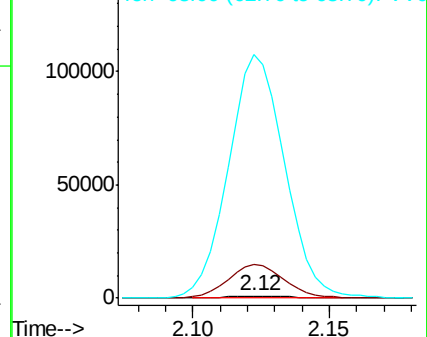
63 11527.5 103.3 191.9#

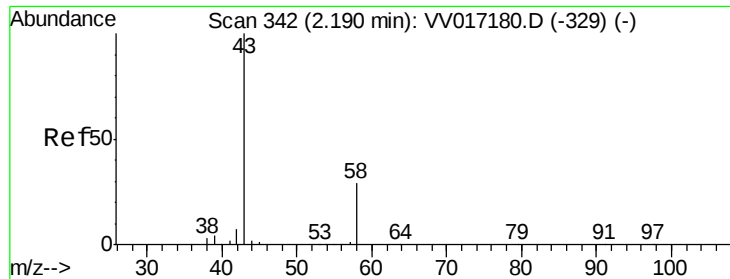


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 12.227 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV017186.D

Acq: 26 Jun 2020 17:03

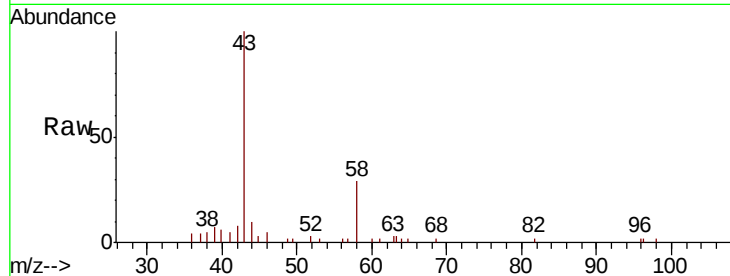
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 13066

Ion Ratio Lower Upper

43 100

58 31.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017186.D (-249) (-)

Ion 58.00 (57.70 to 58.70): VV017186.D (-249) (-)

2.19

6000

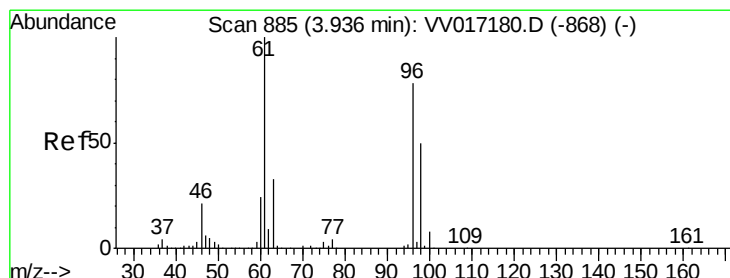
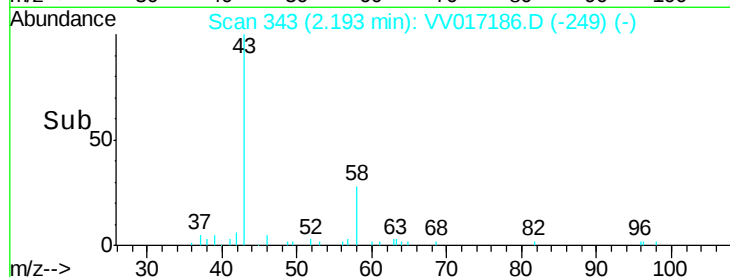
4000

2000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 47.363 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017186.D

Acq: 26 Jun 2020 17:03

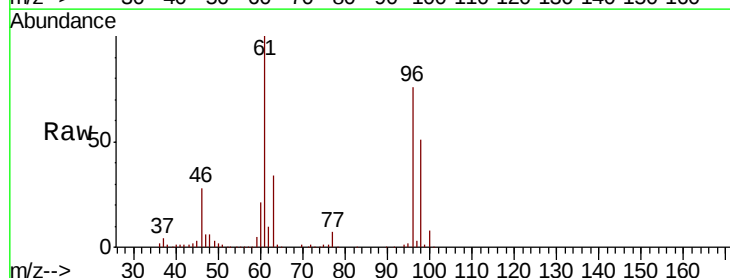
Tgt Ion: 96 Resp: 108516

Ion Ratio Lower Upper

96 100

61 131.7 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017186.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017186.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017186.D (-792) (-)

80000

60000

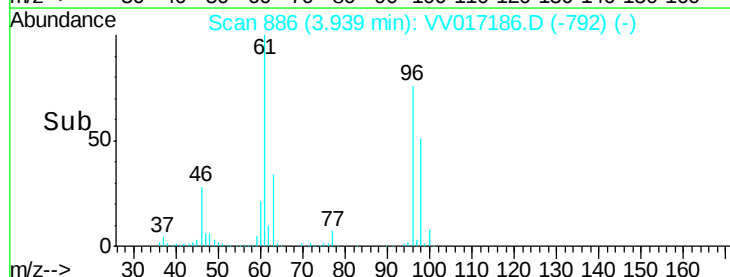
40000

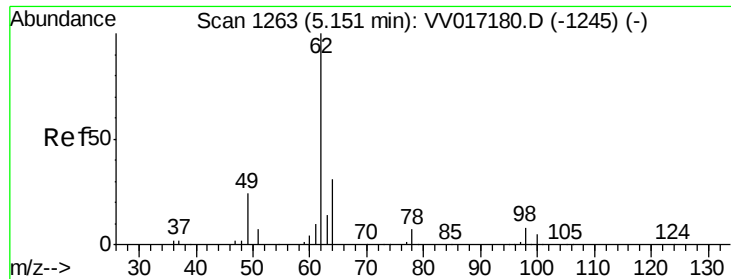
20000

0

Time-->

3.90 4.00

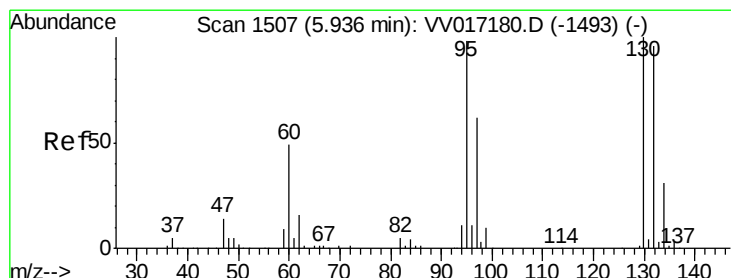
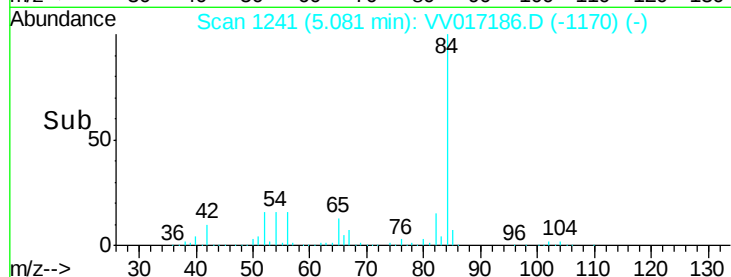
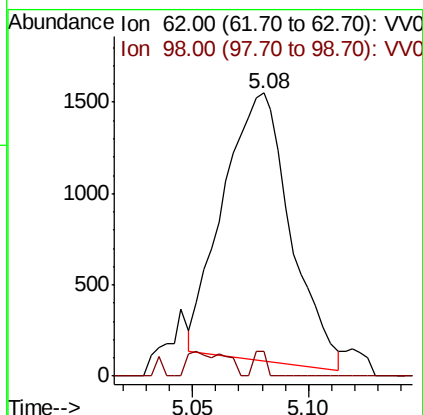
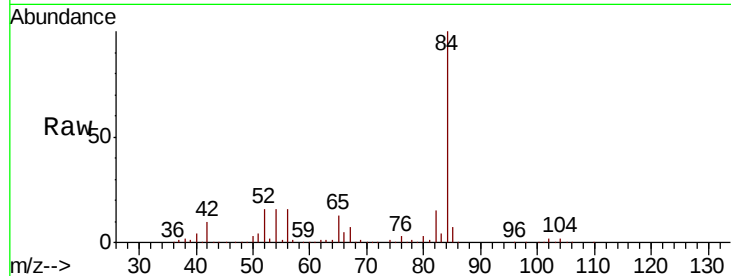




#27
 1,2-Dichloroethane
 Concen: 0.866 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV017186.D
 Acq: 26 Jun 2020 17:03

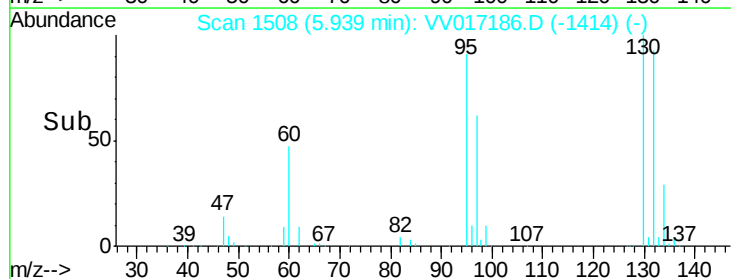
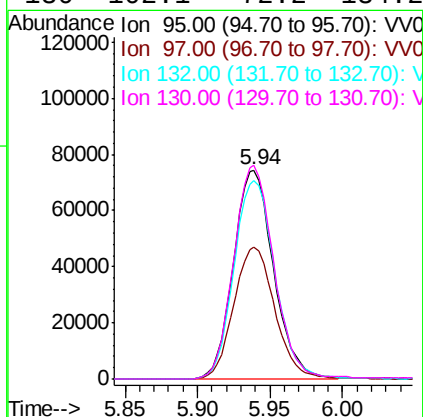
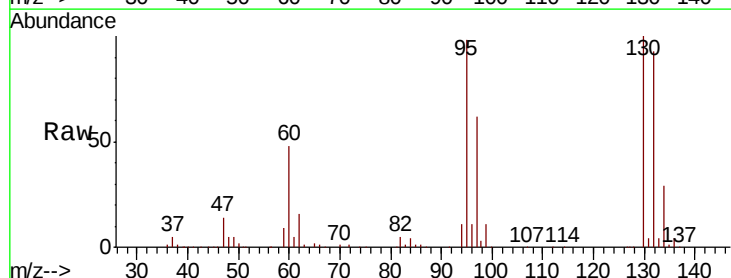
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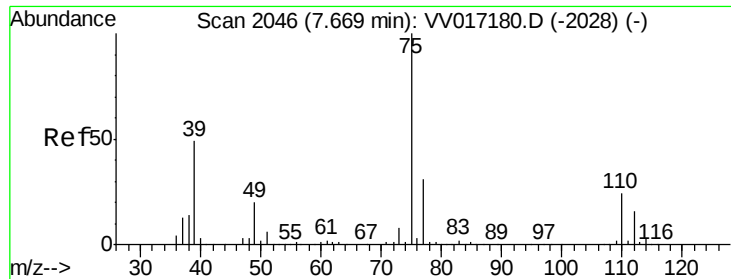
Tot Ion: 62 Resp: 2951
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.4 11.2



#34
 Trichloroethene
 Concen: 60.955 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017186.D
 Acq: 26 Jun 2020 17:03

Tgt Ion: 95 Resp: 143117
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.3 82.3
 132 95.0 67.9 126.1
 130 102.1 72.2 134.2





#44

trans-1,3-Dichloropropene

Concen: 0.942 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV017186.D

Acq: 26 Jun 2020 17:03

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3239

Ion Ratio Lower Upper

75 100

77 36.9 21.7 40.3

