

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017197.D
 Acq On : 26 Jun 2020 21:18
 Operator : SY/MD
 Sample : L3103-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:28:21 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	348334	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100653	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.90%
7) Chloroethane-d5	1.58	69	72501	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.32%
11) 1,1-Dichloroethene-d2	2.12	63	156008	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.60%
21) 2-Butanone-d5	3.91	46	165617	91.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	4.38	84	228316	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	5.06	65	167245	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.08	84	430035	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
36) 1,2-Dichloropropane-d6	6.09	67	130700	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.34	98	395026	44.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.58%
43) trans-1,3-Dichloropropene-	7.64	79	68215	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.11	63	109125	83.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172434	43.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	160561	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

Target Compounds

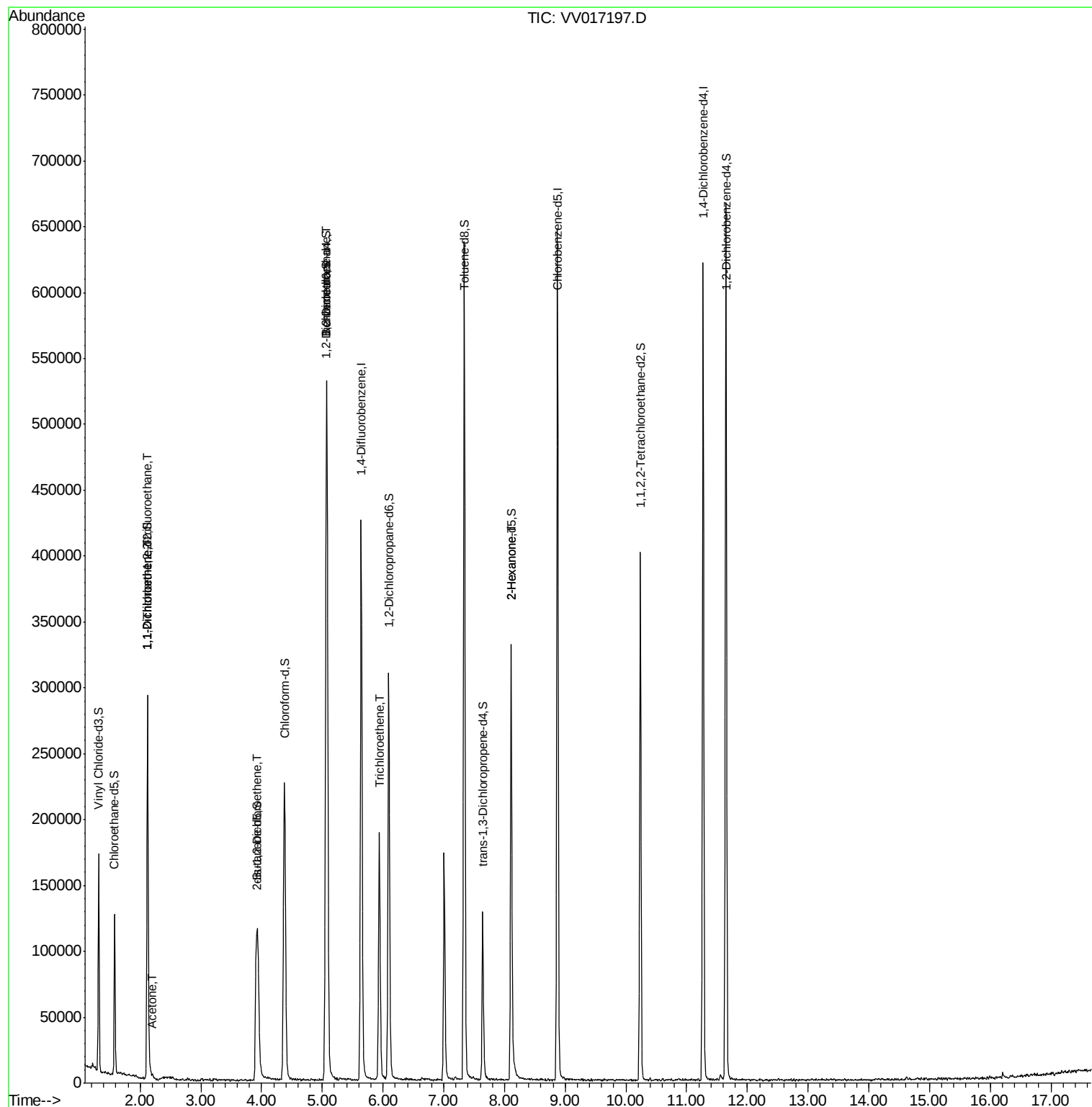
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1605	0.867 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1405	0.813 ug/L #	1
13) Acetone	2.20	43	2626	2.191 ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	35543	13.831 ug/L	97
27) 1,2-Dichloroethane	5.08	62	3490	0.913 ug/L	95
34) Trichloroethene	5.94	95	61512	23.251 ug/L	96
48) 2-Hexanone	8.11	43	14160	5.024 ug/L #	56

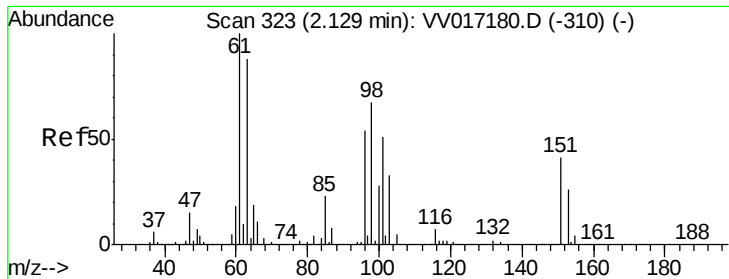
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.867 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017197.D

Acq: 26 Jun 2020 21:18

Instrument :

MSVOA_V

ClientSampleId :

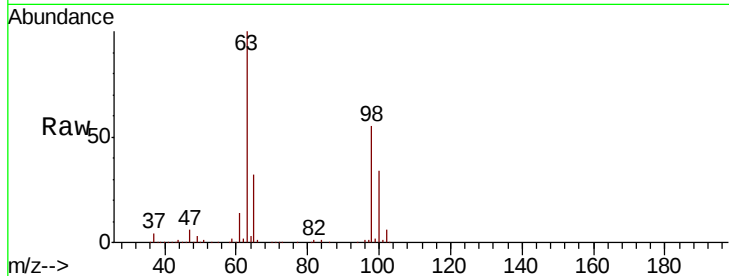
Tot Ion:101 Resp: 1605

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

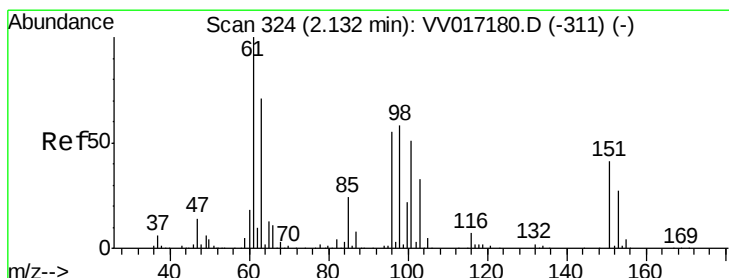
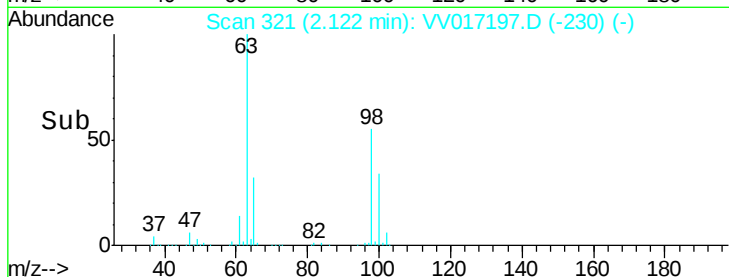
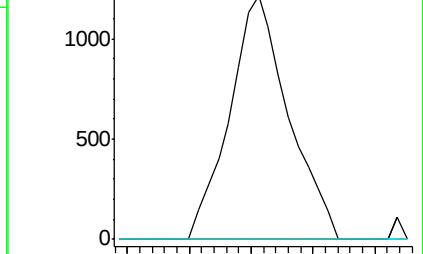
151 2.9 63.9 95.9#



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: 0.813 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017197.D

Acq: 26 Jun 2020 21:18

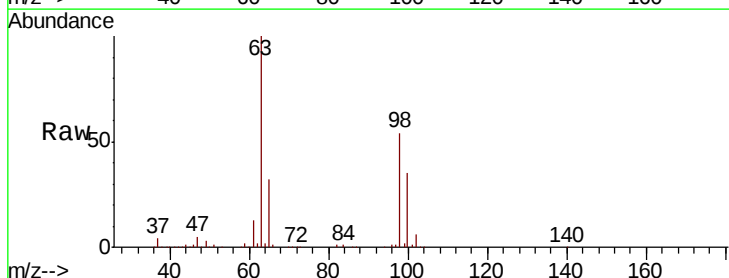
Tgt Ion: 96 Resp: 1405

Ion Ratio Lower Upper

96 100

61 1241.4 130.4 242.2#

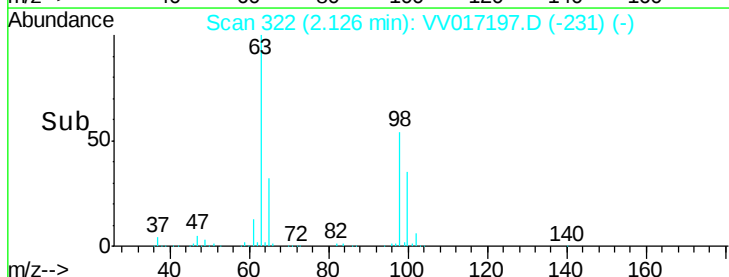
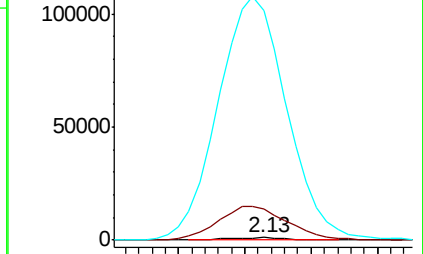
63 9302.6 103.3 191.9#

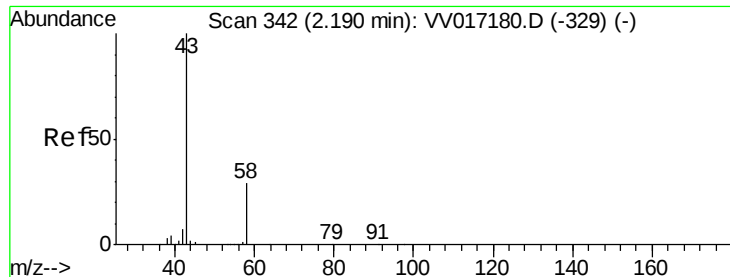


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.191 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV017197.D

Acq: 26 Jun 2020 21:18

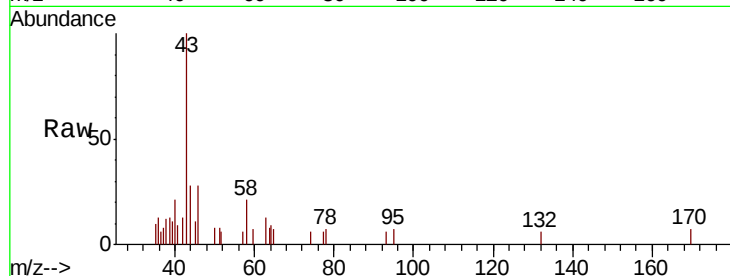
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 21.4 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017180.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017180.D (-329) (-)

2.20

1500

1000

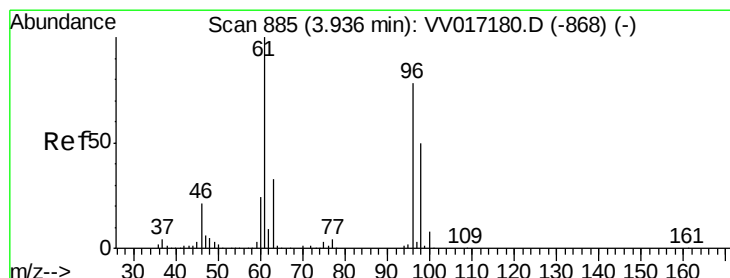
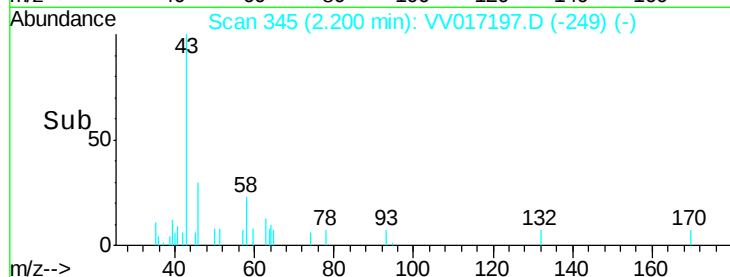
500

200

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 13.831 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017197.D

Acq: 26 Jun 2020 21:18

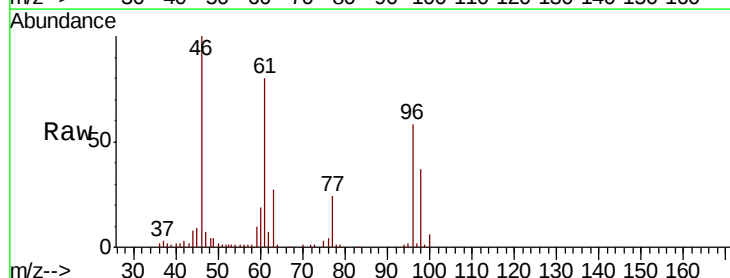
Tgt Ion: 96 Resp: 35543

Ion Ratio Lower Upper

96 100

61 136.9 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017180.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017180.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017180.D (-868) (-)

25000

20000

15000

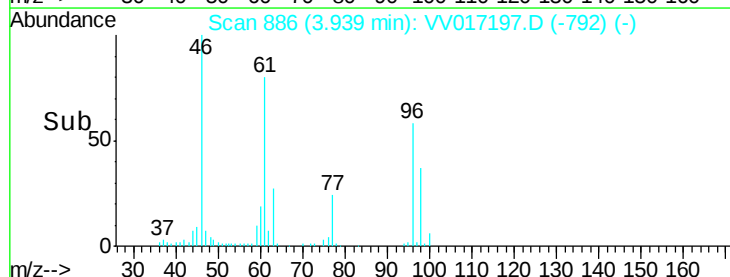
10000

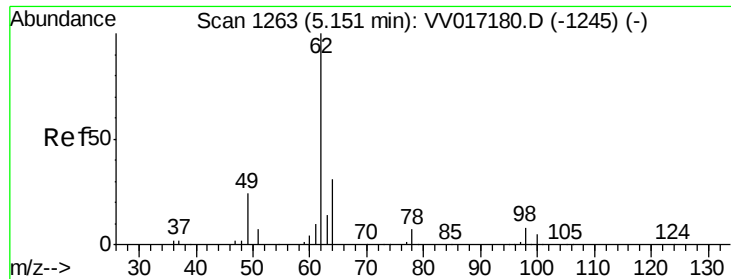
5000

0

Time-->

3.85 3.90 3.95 4.00

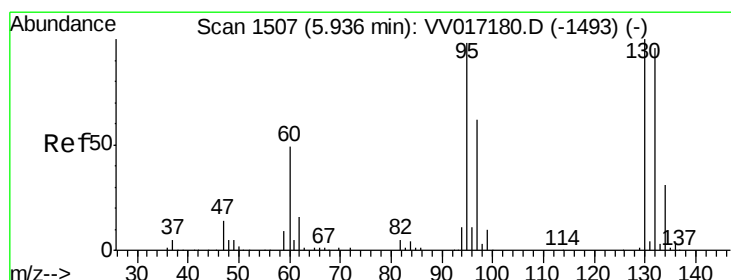
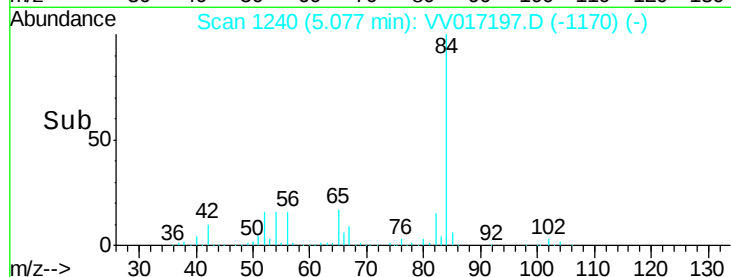
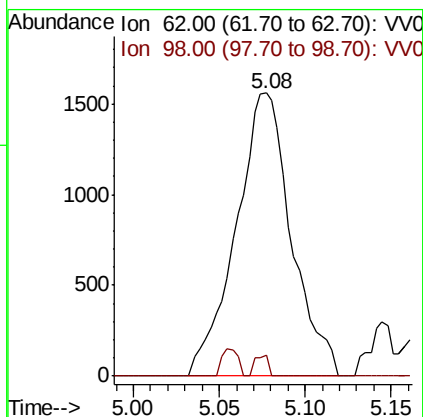
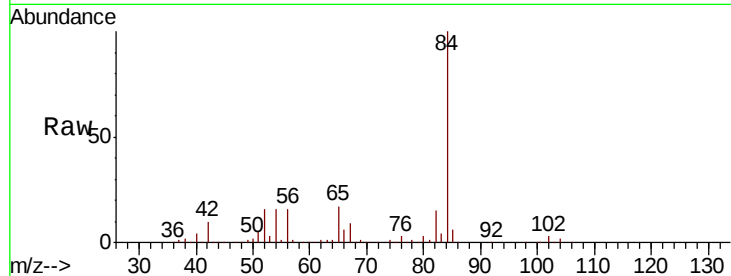




#27
1,2-Dichloroethane
Concen: 0.913 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.07 min
Lab File: VV017197.D
Acq: 26 Jun 2020 21:18

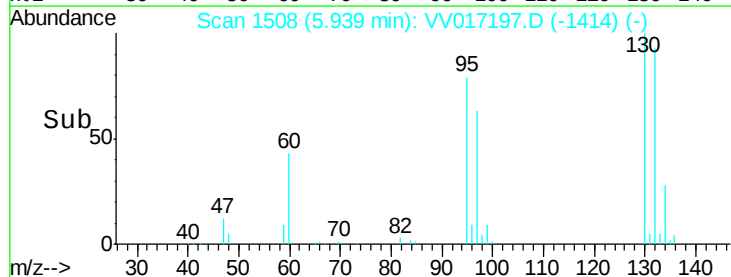
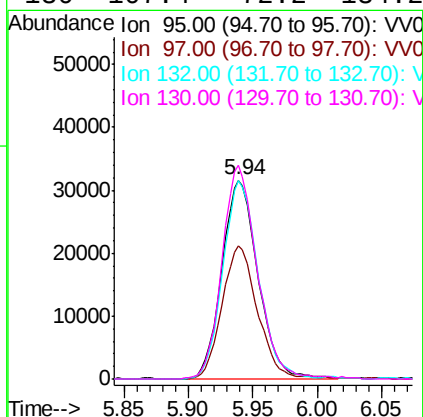
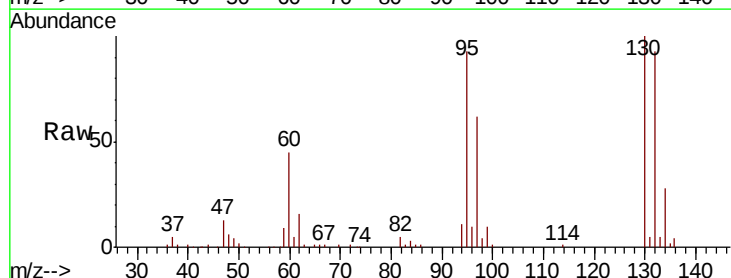
Instrument :
MSVOA_V
ClientSampleId :

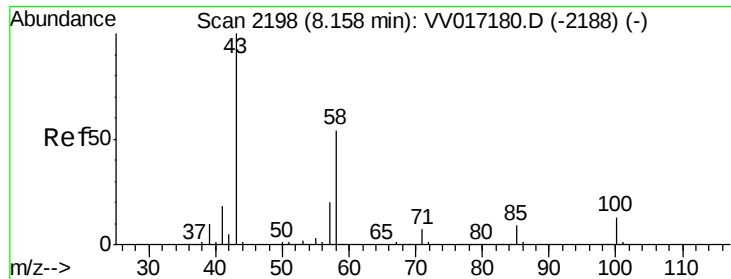
Tot Ion: 62 Resp: 3490
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.2



#34
Trichloroethene
Concen: 23.251 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017197.D
Acq: 26 Jun 2020 21:18

Tgt Ion: 95 Resp: 61512
Ion Ratio Lower Upper
95 100
97 67.0 44.3 82.3
132 99.5 67.9 126.1
130 107.4 72.2 134.2





#48

2-Hexanone

Concen: 5.024 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017197.D

Acq: 26 Jun 2020 21:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 14160

Ion Ratio Lower Upper

43 100

58 14.1 43.1 64.7#

57 27.9 15.3 22.9#

100 0.5 10.0 15.0#

