

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017238.D
 Acq On : 29 Jun 2020 14:06
 Operator : SY/MD
 Sample : L3135-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q49

Quant Time: Jun 30 07:43:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341945	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87818	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.80%
7) Chloroethane-d5	1.58	69	64516	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.12%
11) 1,1-Dichloroethene-d2	2.12	63	145235	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	3.90	46	156476	87.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.62%
24) Chloroform-d	4.38	84	222463	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.06	65	164133	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.08	84	417387	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
36) 1,2-Dichloropropane-d6	6.09	67	126325	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.34	98	376223	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.64	79	66416	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
47) 2-Hexanone-d5	8.11	63	102029	80.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169790	44.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	159860	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

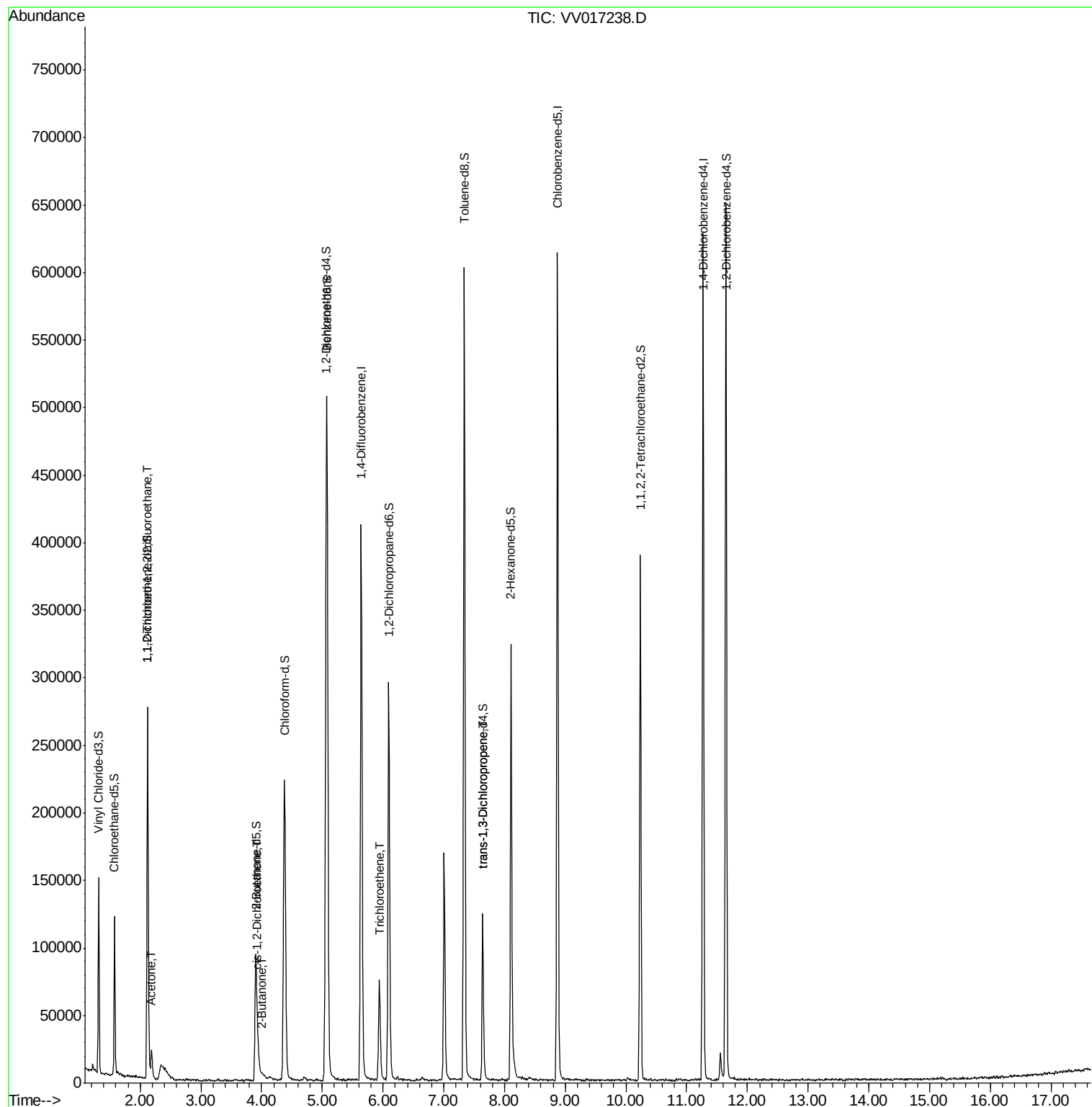
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1361	0.749 ug/L	# 19
13) Acetone	2.19	43	23740	20.176 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	2334	0.925 ug/L	84
22) 2-Butanone	4.02	43	2369	1.306 ug/L	80
34) Trichloroethene	5.94	95	23077	8.969 ug/L	97
44) trans-1,3-Dichloropropene	7.65	75	3613	0.959 ug/L	93

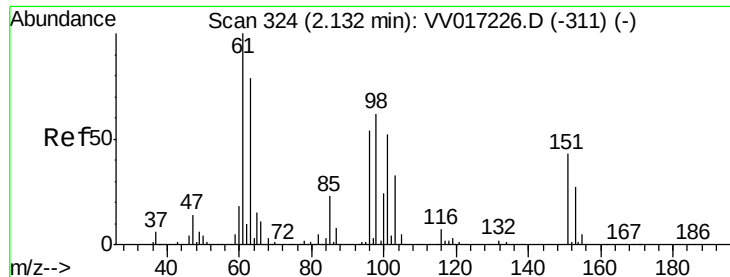
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.749 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017238.D

Acq: 29 Jun 2020 14:06

Instrument :

MSVOA_V

ClientSampled :

F9Q49

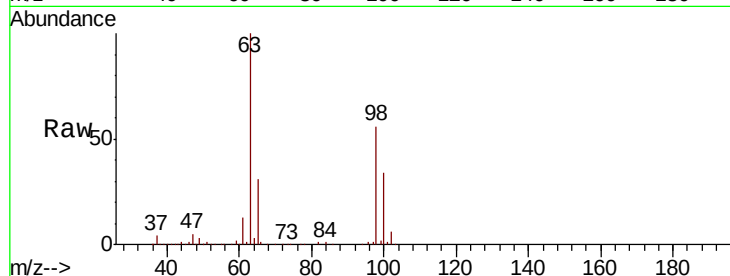
Tot Ion:101 Resp: 1361

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

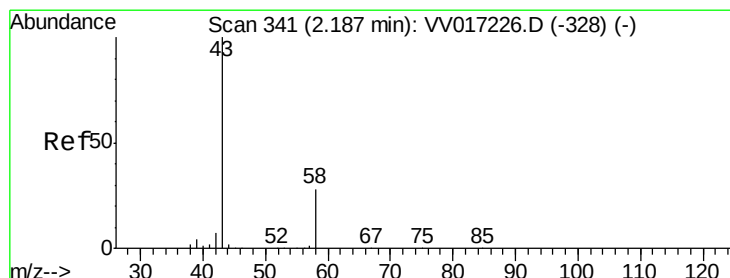
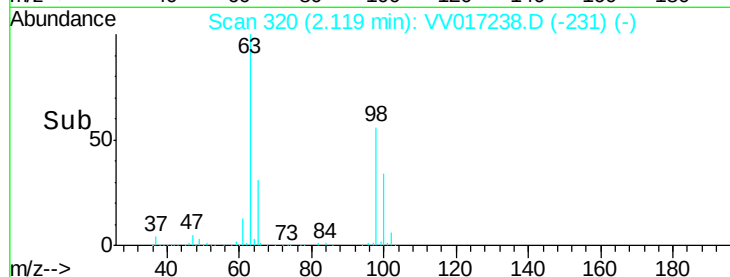
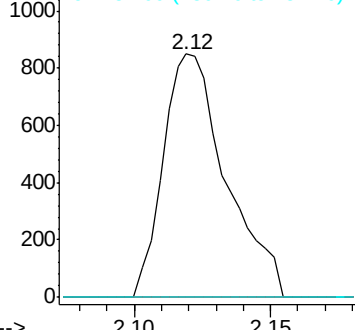
151 0.0 63.9 95.9#



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



#13

Acetone

Concen: 20.176 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017238.D

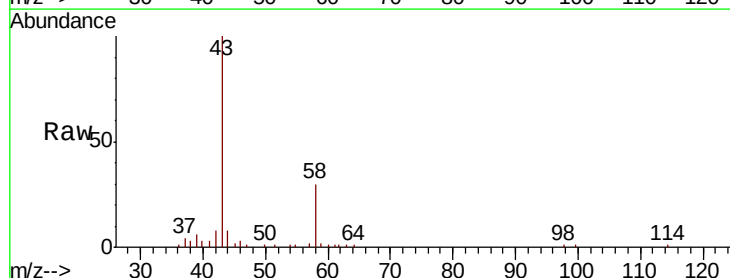
Acq: 29 Jun 2020 14:06

Tgt Ion: 43 Resp: 23740

Ion Ratio Lower Upper

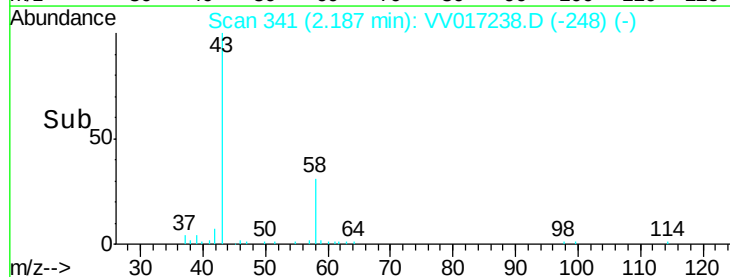
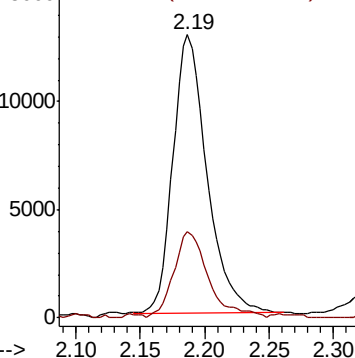
43 100

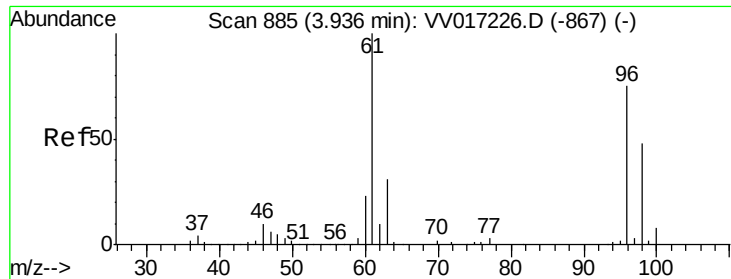
58 31.6 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

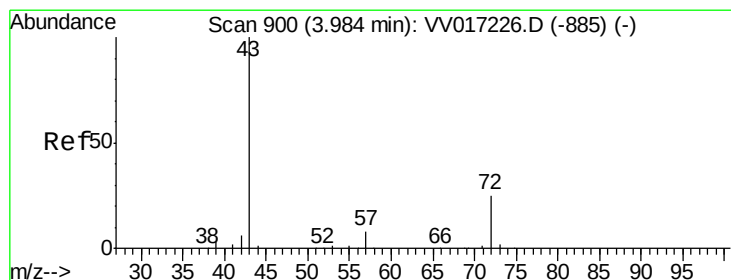
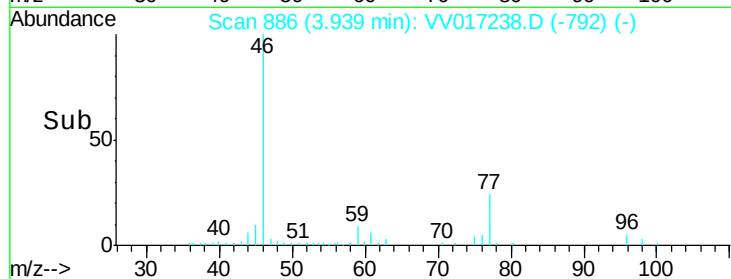
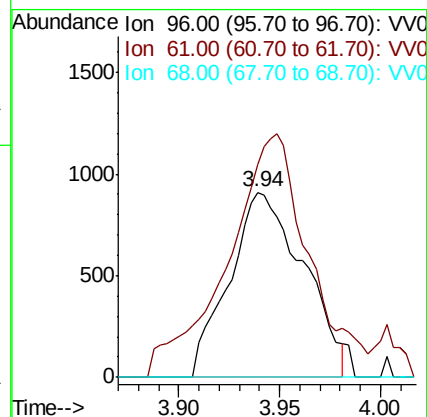
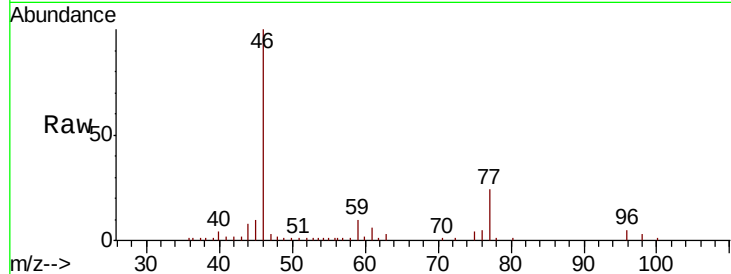




#20
 cis-1,2-Dichloroethene
 Concen: 0.925 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017238.D
 Acq: 29 Jun 2020 14:06

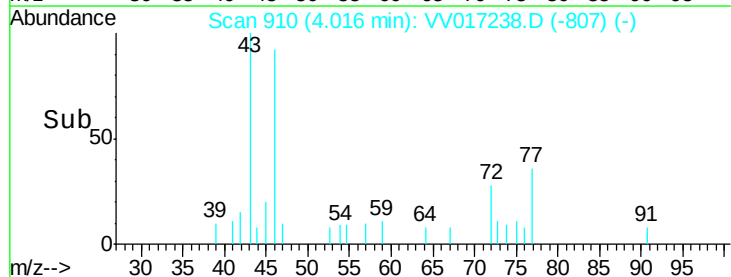
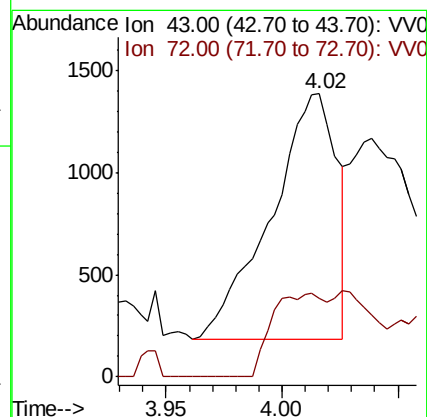
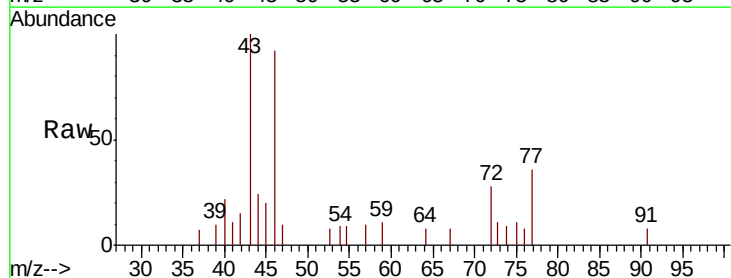
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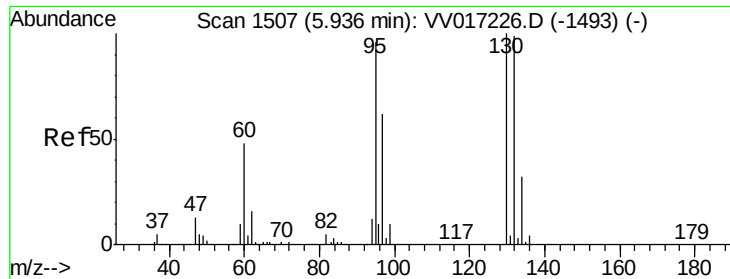
Tot Ion: 96 Resp: 2334
 Ion Ratio Lower Upper
 96 100
 61 115.0 93.4 173.4
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 1.306 ug/L
 RT: 4.02 min Scan# 910
 Delta R.T. 0.03 min
 Lab File: VV017238.D
 Acq: 29 Jun 2020 14:06

Tgt Ion: 43 Resp: 2369
 Ion Ratio Lower Upper
 43 100
 72 15.0 12.4 37.4

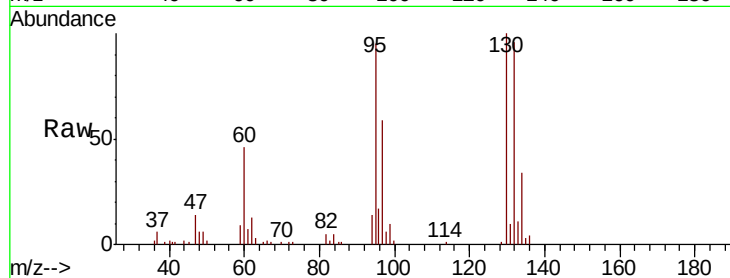




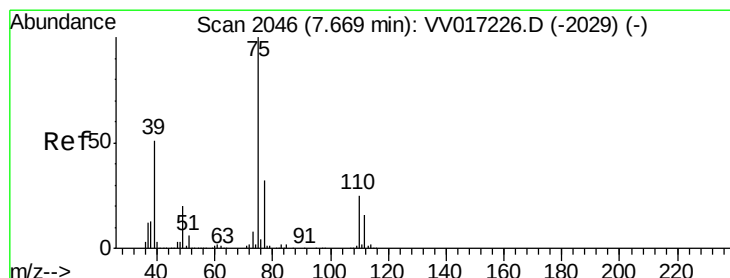
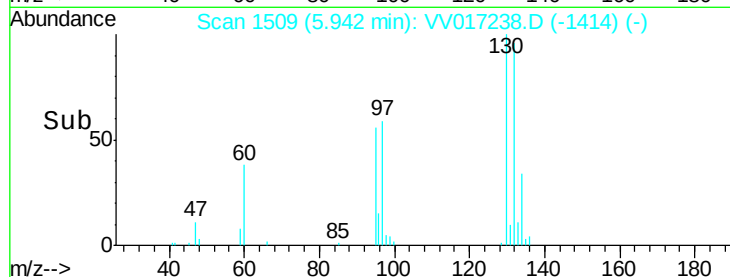
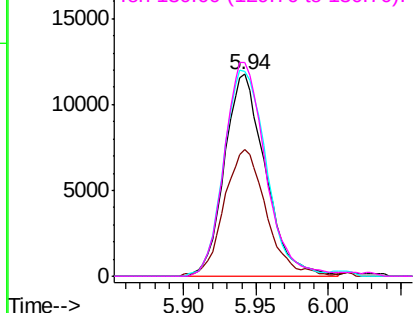
#34
 Trichloroethene
 Concen: 8.969 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017238.D
 Acq: 29 Jun 2020 14:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q49

Tot Ion:	95	Resp:	23077
Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.3	82.3
132	101.7	67.9	126.1
130	105.8	72.2	134.2

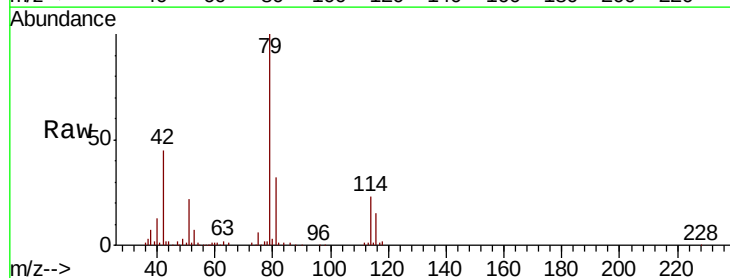


Abundance Ion 95.00 (94.70 to 95.70): VV017238.D (-1414) (-)
 Ion 97.00 (96.70 to 97.70): VV017238.D (-1414) (-)
 Ion 132.00 (131.70 to 132.70): VV017238.D (-1414) (-)
 Ion 130.00 (129.70 to 130.70): VV017238.D (-1414) (-)



#44
 trans-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: VV017238.D
 Acq: 29 Jun 2020 14:06

Tgt Ion:	75	Resp:	3613
Ion	Ratio	Lower	Upper
75	100		
77	35.1	21.7	40.3



Abundance Ion 75.00 (74.70 to 75.70): VV017238.D (-1953) (-)
 Ion 77.00 (76.70 to 77.70): VV017238.D (-1953) (-)

