

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017241.D
 Acq On : 29 Jun 2020 15:15
 Operator : SY/MD
 Sample : L3135-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q57

Quant Time: Jun 30 07:44:13 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	335777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	319203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84815	35.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.60%
7) Chloroethane-d5	1.58	69	62131	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.12	63	139955	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
21) 2-Butanone-d5	3.91	46	152258	86.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.83%
24) Chloroform-d	4.38	84	221961	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.06	65	161406	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
32) Benzene-d6	5.08	84	405566	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
36) 1,2-Dichloropropane-d6	6.09	67	124503	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.82%
41) Toluene-d8	7.34	98	372647	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	7.64	79	65225	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.11	63	97316	77.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165900	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	158121	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

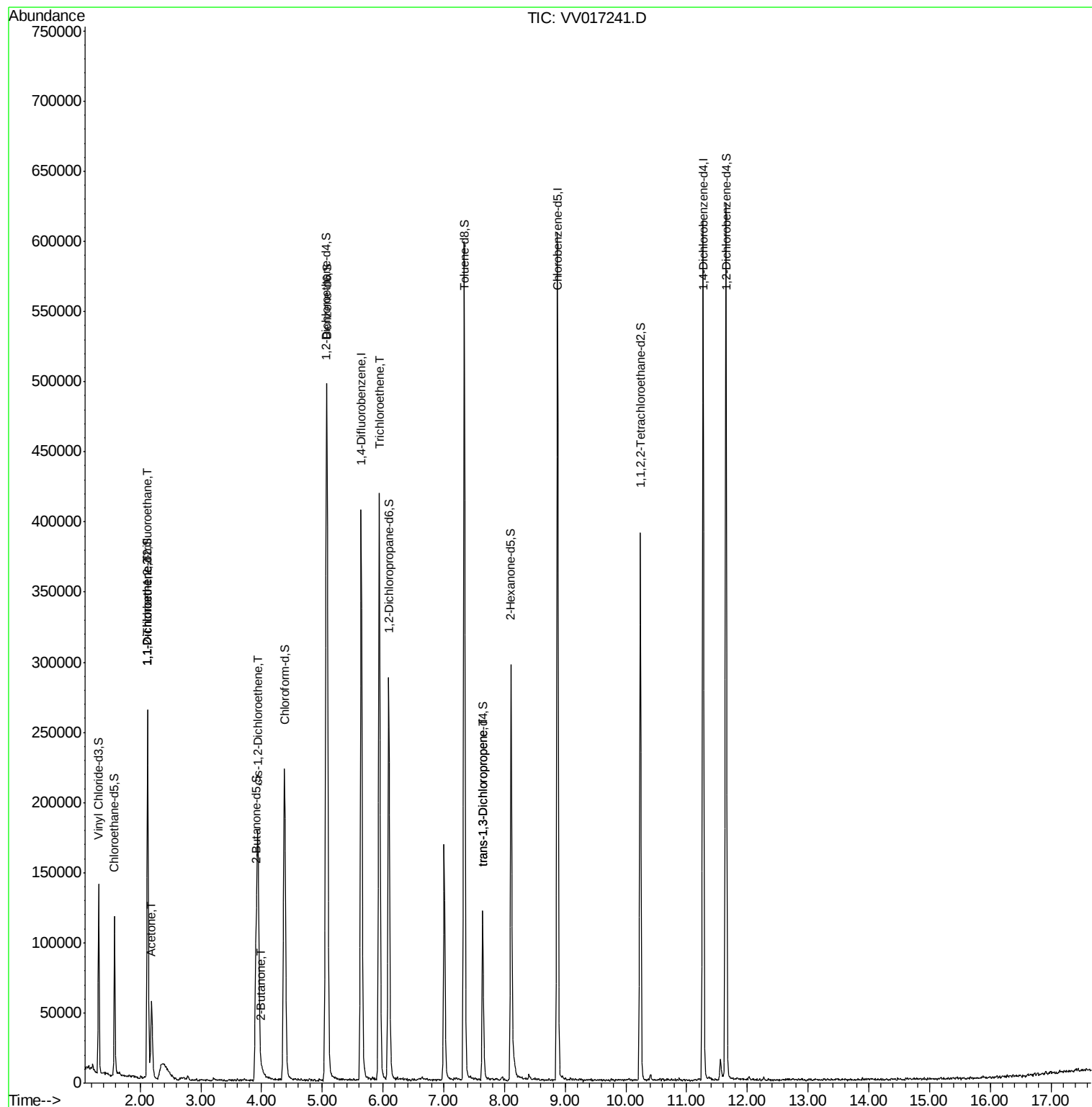
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1455	0.815 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1479	0.887 ug/L #	1
13) Acetone	2.19	43	69136	59.837 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	82139	33.158 ug/L	100
22) 2-Butanone	4.00	43	2233	1.253 ug/L	76
34) Trichloroethene	5.94	95	138274	54.591 ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	3377	0.910 ug/L #	79

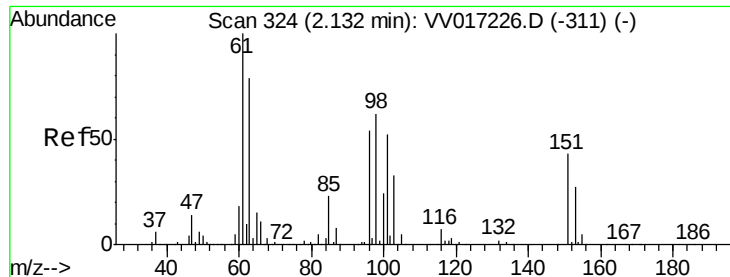
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.815 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017241.D

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Instrument :

MSVOA_V

ClientSampleId :

F9Q57

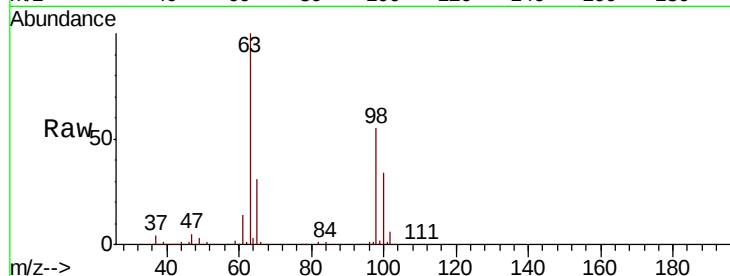
Tot Ion:101 Resp: 1455

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

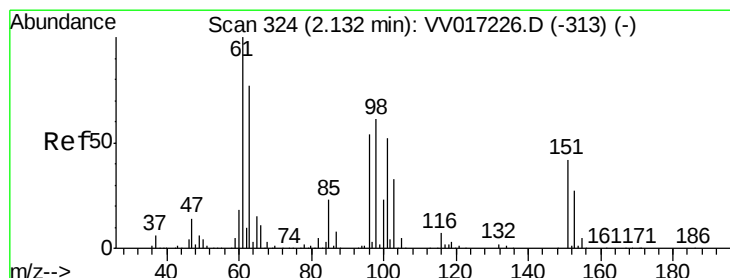
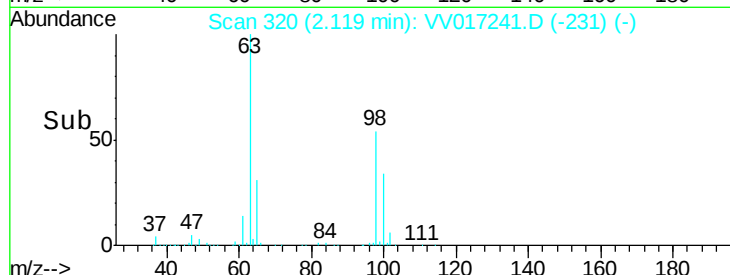
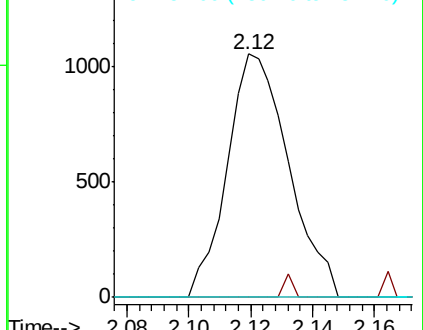
151 0.0 63.9 95.9#



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: 0.887 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017241.D

Acq: 29 Jun 2020 15:15

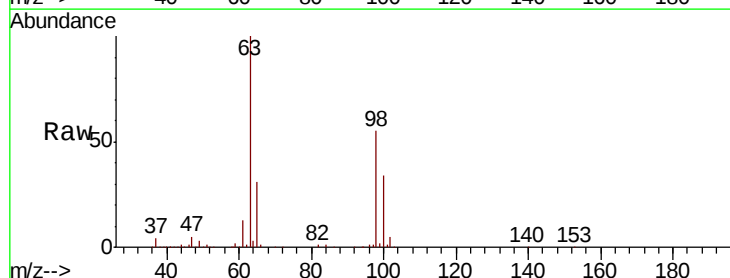
Tgt Ion: 96 Resp: 1479

Ion Ratio Lower Upper

96 100

61 1528.5 130.4 242.2#

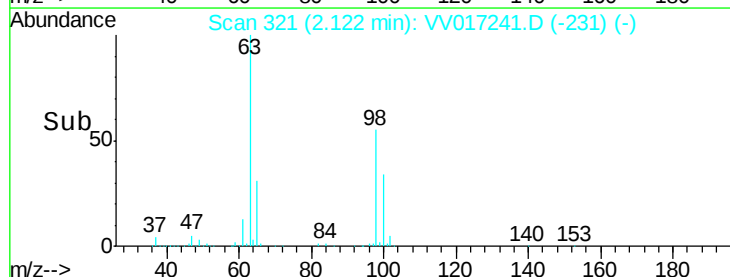
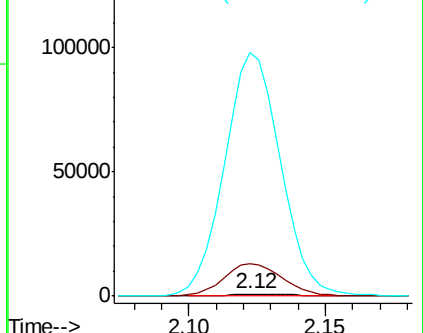
63 11533.6 103.3 191.9#

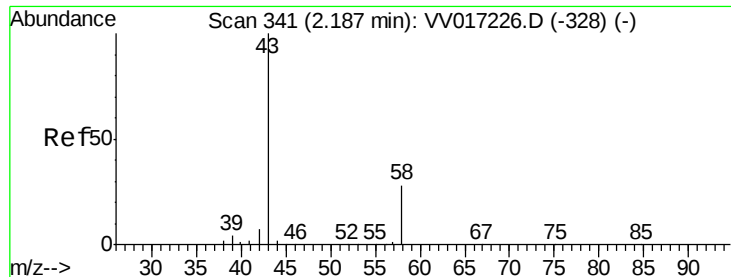


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 59.837 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017241.D

Acq: 29 Jun 2020 15:15

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MSVOA_V

ClientSampleId :

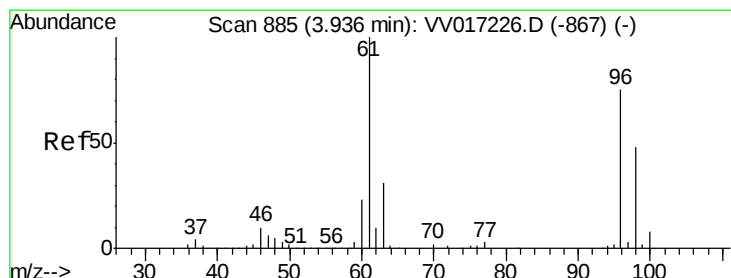
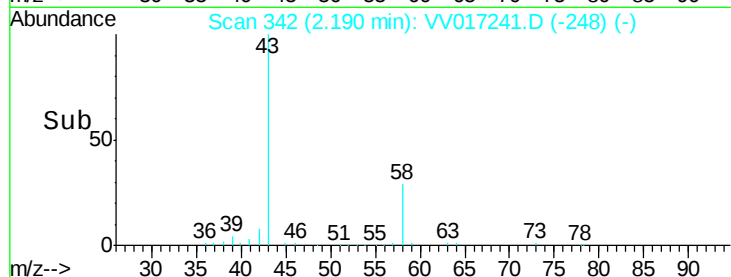
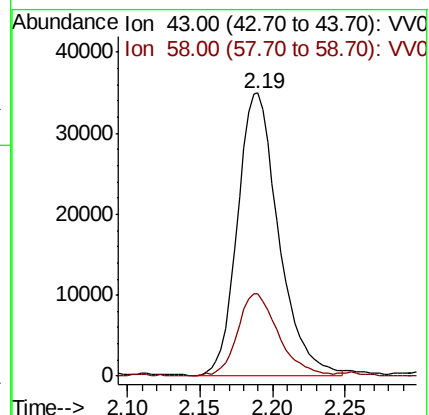
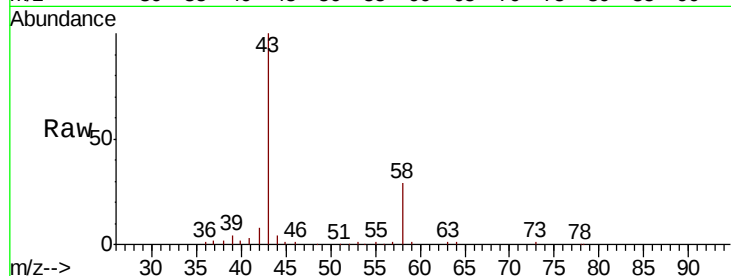
F9Q57

Tot Ion: 43 Resp: 69136

Ion Ratio Lower Upper

43 100

58 29.0 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 33.158 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017241.D

Acq: 29 Jun 2020 15:15

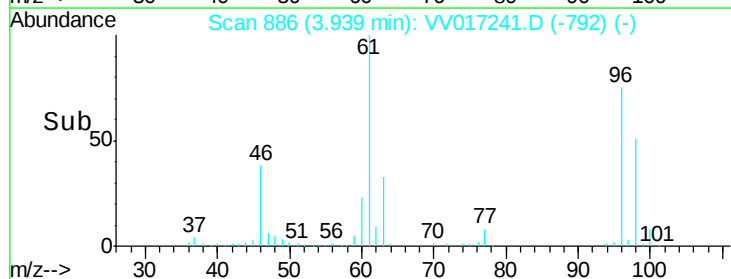
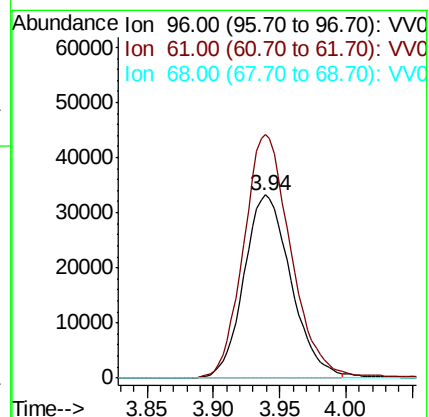
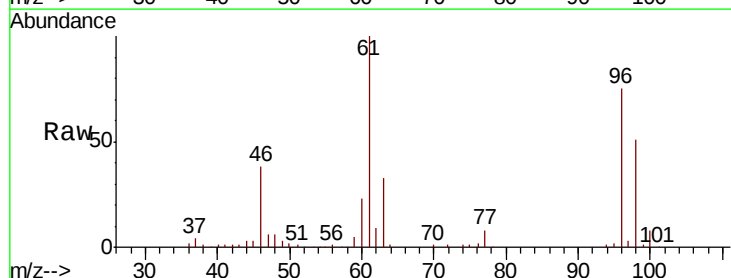
Tgt Ion: 96 Resp: 82139

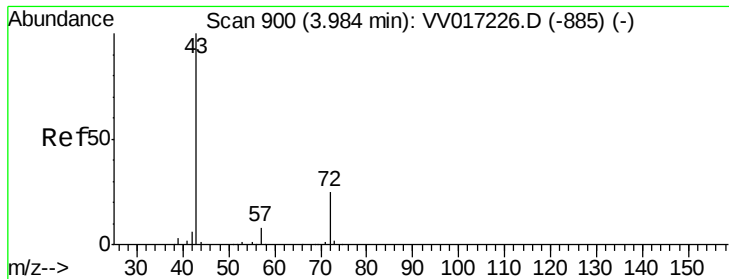
Ion Ratio Lower Upper

96 100

61 133.2 93.4 173.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 1.253 ug/L

RT: 4.00 min Scan# 906

Delta R.T. 0.02 min

Lab File: VV017241.D

Acq: 29 Jun 2020 15:15

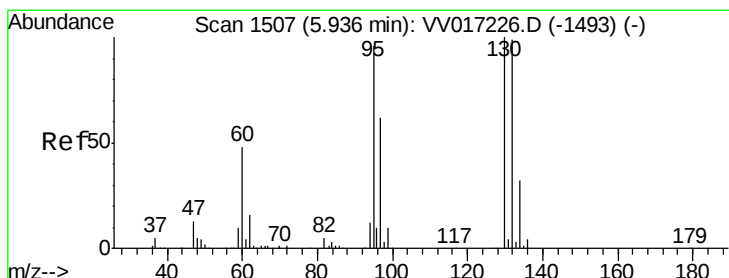
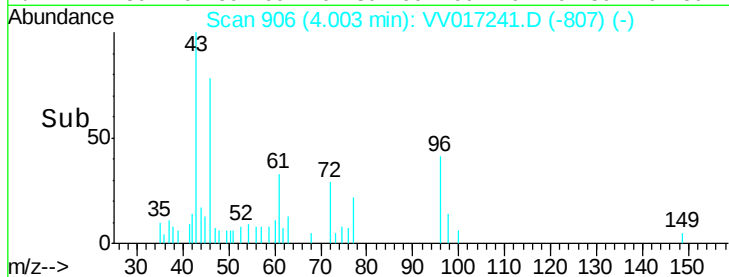
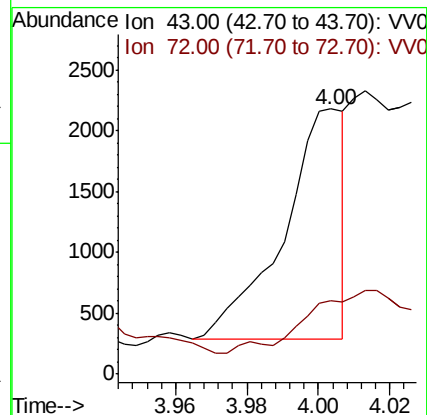
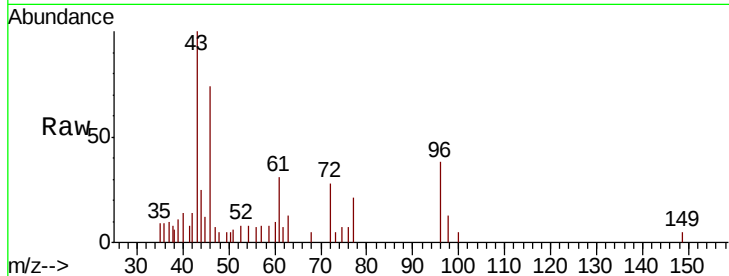
Instrument :
MSVOA_V
ClientSampleId :
F9Q57

Tot Ion: 43 Resp: 2233

Ion Ratio Lower Upper

43 100

72 13.0 12.4 37.4



#34

Trichloroethene

Concen: 54.591 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017241.D

Acq: 29 Jun 2020 15:15

Tgt Ion: 95 Resp: 138274

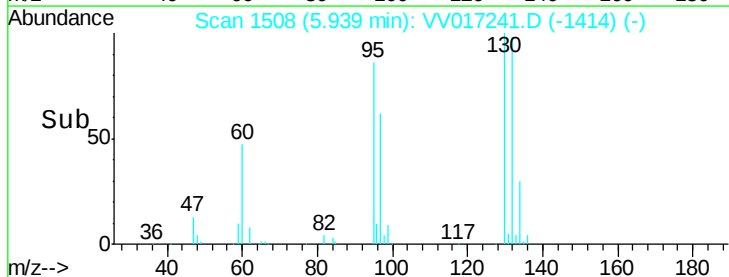
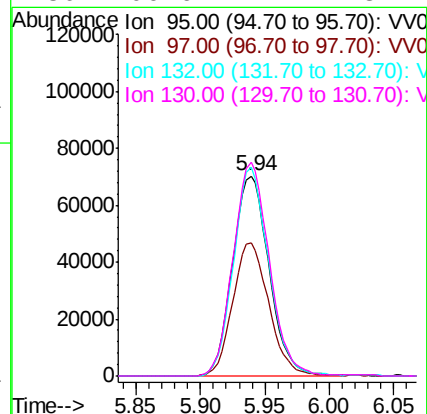
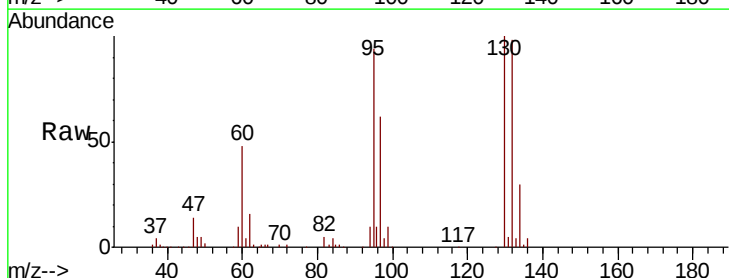
Ion Ratio Lower Upper

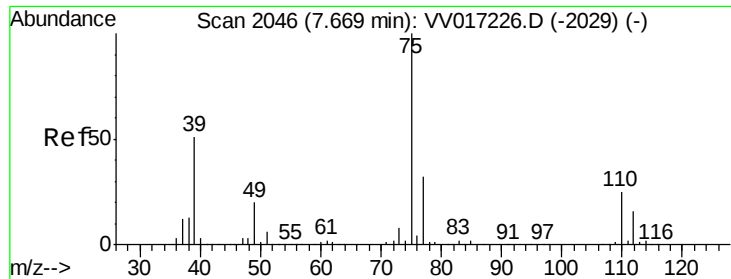
95 100

97 66.3 44.3 82.3

132 104.2 67.9 126.1

130 106.6 72.2 134.2





#44

trans-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017241.D

Acq: 29 Jun 2020 15:15

Instrument :

MSVOA_V

ClientSampleId :

F9Q57

Tot Ion: 75 Resp: 3377

Ion Ratio Lower Upper

75 100

77 42.6 21.7 40.3#

