

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016982.D
 Acq On : 18 Jun 2020 17:05
 Operator : SY/MD
 Sample : L3039-01D L10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325386	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157308	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85124	34.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.68%
7) Chloroethane-d5	1.58	69	62799	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.68%
11) 1,1-Dichloroethene-d2	2.12	63	136153	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.38%
21) 2-Butanone-d5	3.91	46	163740	90.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	4.38	84	225726	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
26) 1,2-Dichloroethane-d4	5.05	65	162695	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.08	84	434196	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
36) 1,2-Dichloropropane-d6	6.09	67	133120	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.06%
41) Toluene-d8	7.34	98	400410	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%
43) trans-1,3-Dichloropropene-	7.64	79	66184	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.11	63	95565	74.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168507	43.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	164792	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

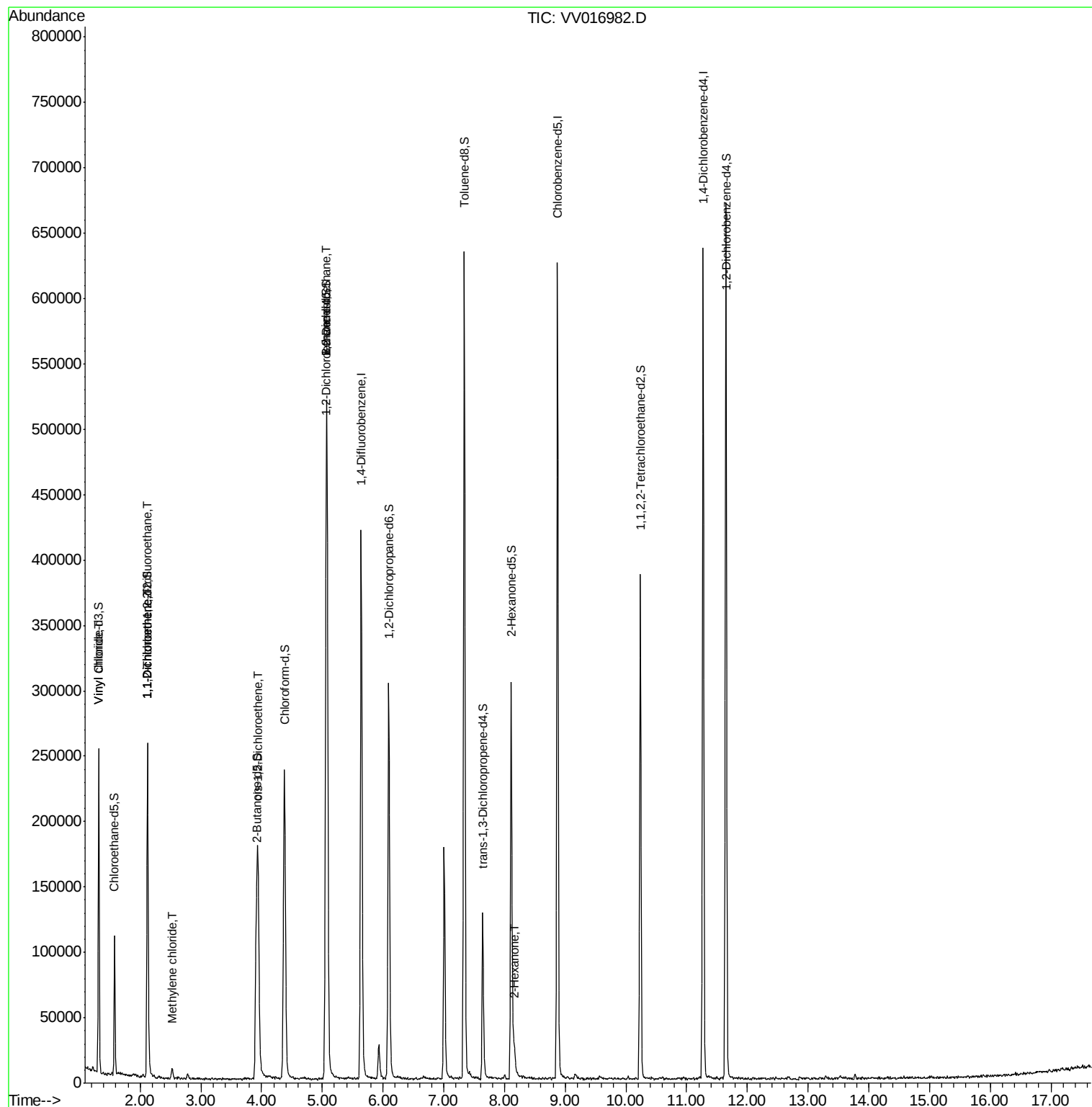
					Ovalue
5) Vinyl chloride	1.32	62	65926	26.707	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1324	0.719	ug/L # 23
12) 1,1-Dichloroethene	2.12	96	1355	0.789	ug/L # 1
16) Methylene chloride	2.53	84	3304	1.310	ug/L 89
20) cis-1,2-Dichloroethene	3.94	96	77841	30.475	ug/L 97
27) 1,2-Dichloroethane	5.08	62	3138	0.826	ug/L 98
48) 2-Hexanone	8.17	43	13208	4.802	ug/L # 88

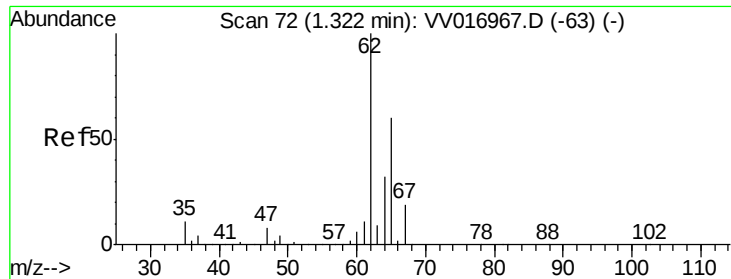
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 26.707 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV016982.D

Acq: 18 Jun 2020 17:05

Instrument :

MSVOA_V

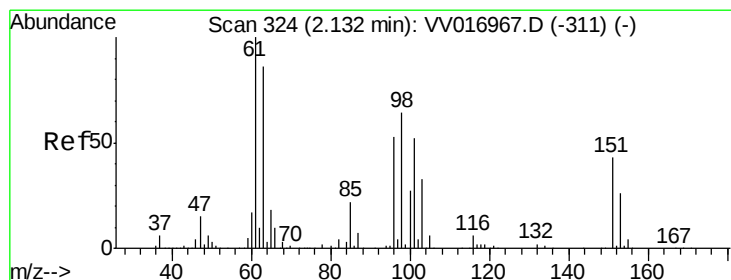
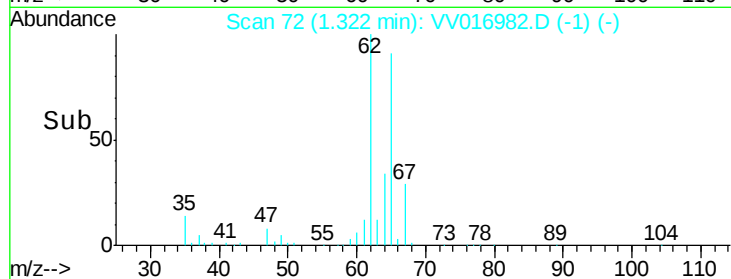
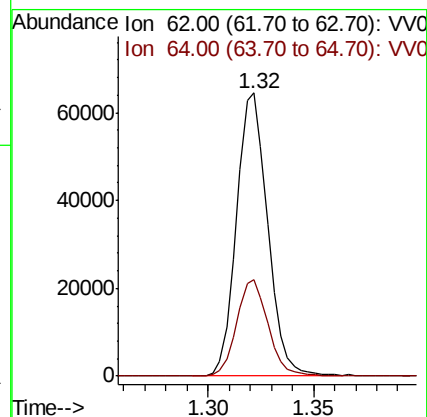
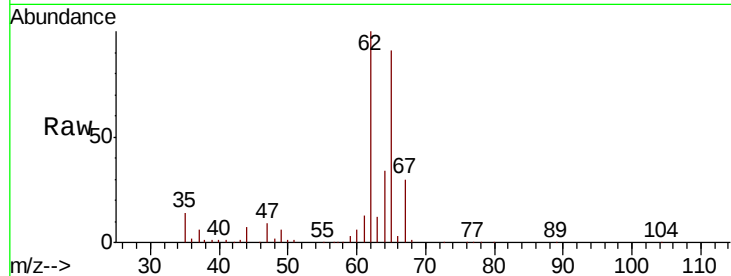
ClientSampleId :

Tot Ion: 62 Resp: 65926

Ion Ratio Lower Upper

62 100

64 34.1 22.3 41.5



#10

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

Concen: 0.719 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016982.D

Acq: 18 Jun 2020 17:05

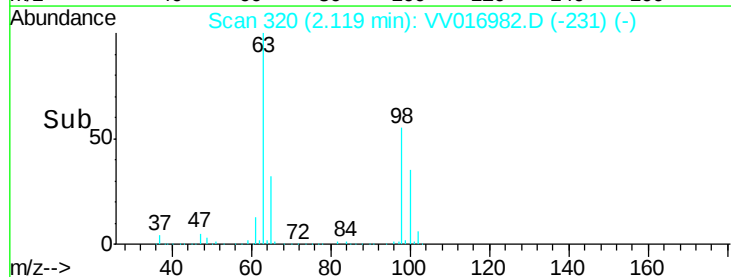
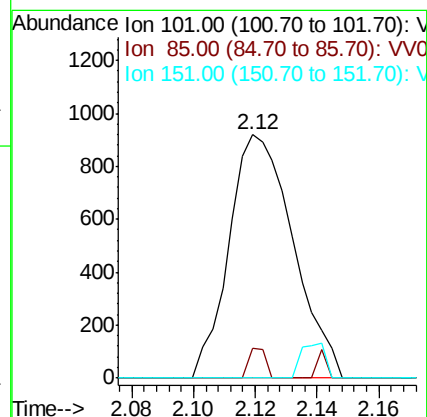
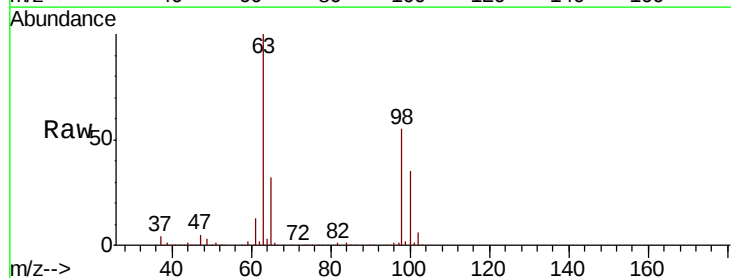
Tgt Ion: 101 Resp: 1324

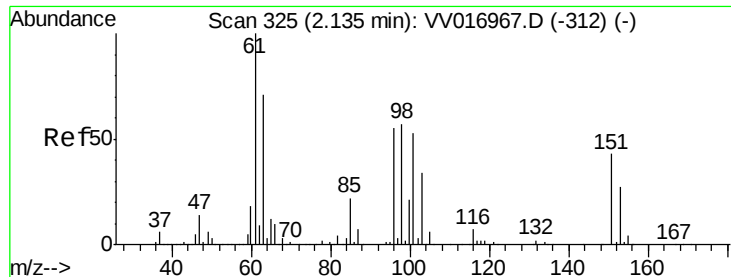
Ion Ratio Lower Upper

101 100

85 3.2 35.5 53.3#

151 5.4 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.789 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV016982.D

Acq: 18 Jun 2020 17:05

Instrument :

MSVOA_V

ClientSampled :

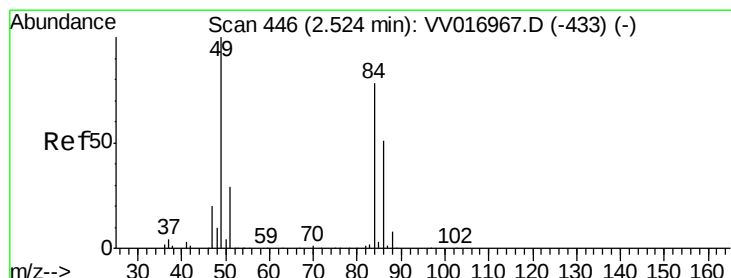
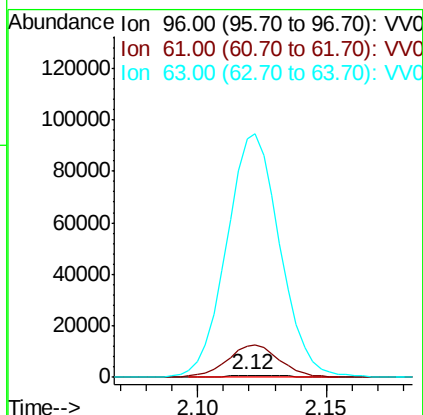
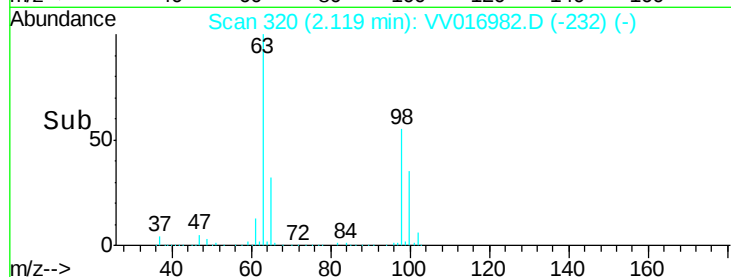
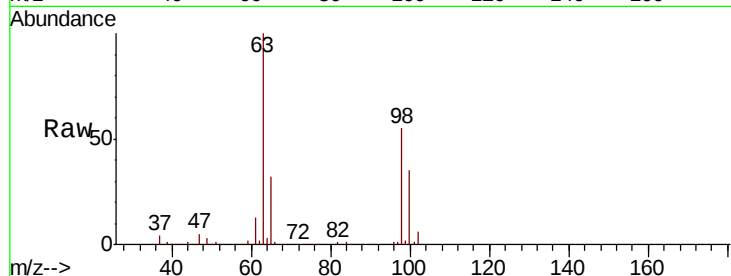
Tot Ion: 96 Resp: 1355

Ion Ratio Lower Upper

96 100

61 1443.6 130.4 242.2#

63 11059.7 103.3 191.9#



#16

Methylene chloride

Concen: 1.310 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016982.D

Acq: 18 Jun 2020 17:05

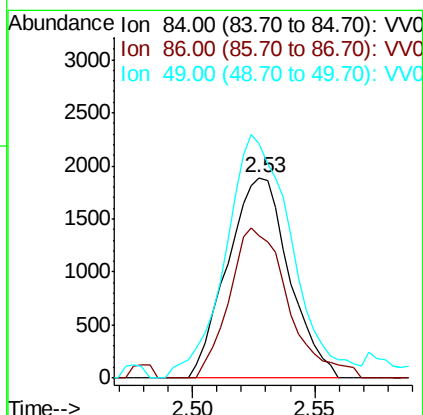
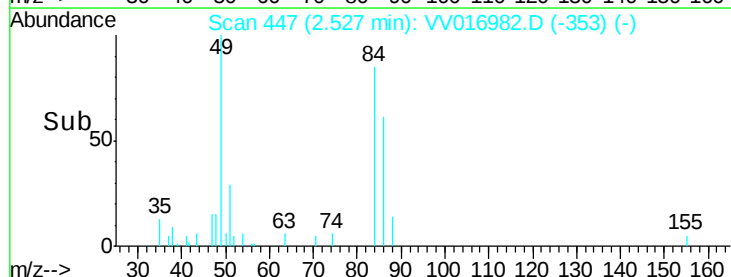
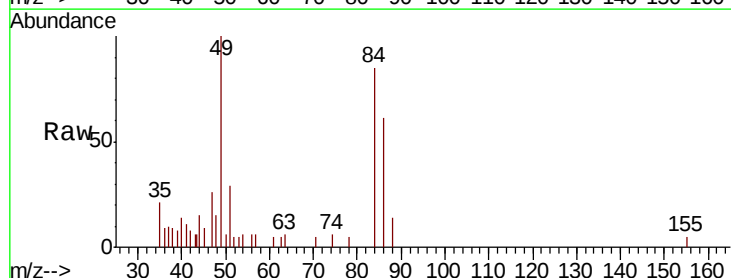
Tgt Ion: 84 Resp: 3304

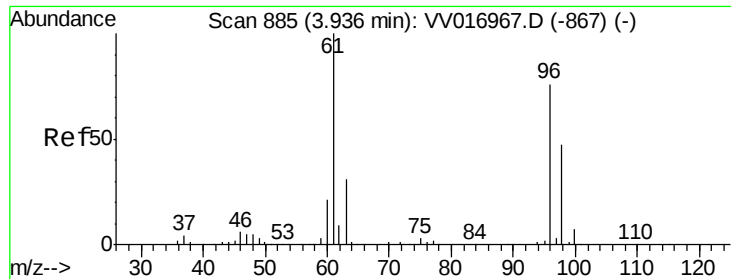
Ion Ratio Lower Upper

84 100

86 71.0 44.0 81.8

49 117.3 90.9 168.9

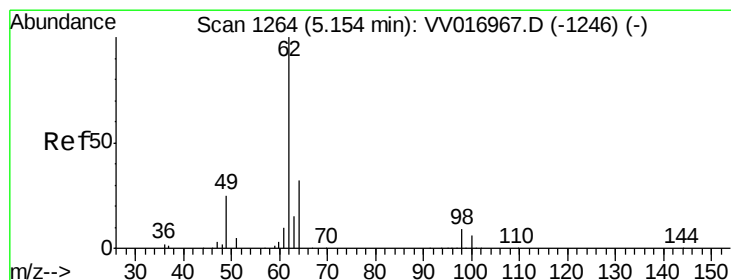
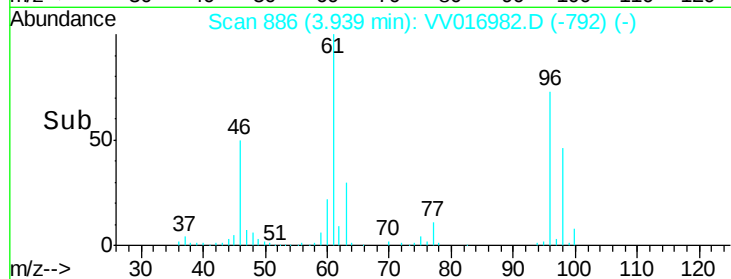
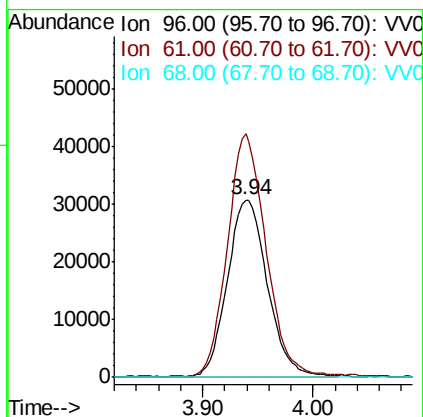
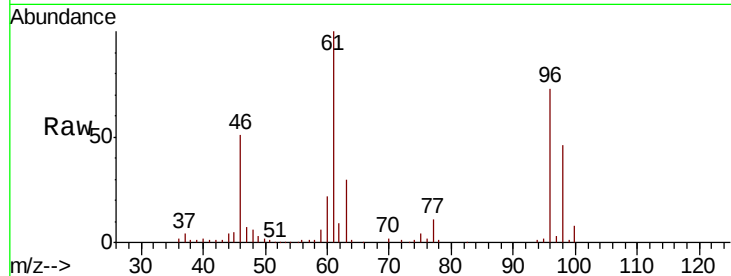




#20
 cis-1,2-Dichloroethene
 Concen: 30.475 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV016982.D
 Acq: 18 Jun 2020 17:05

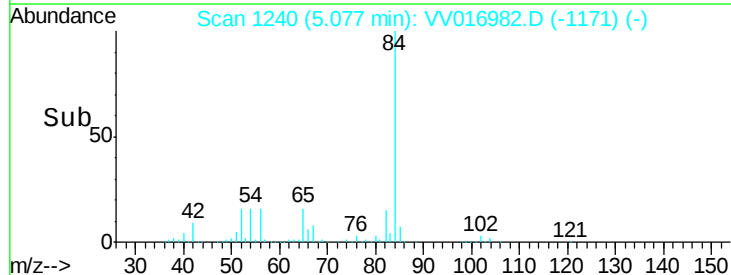
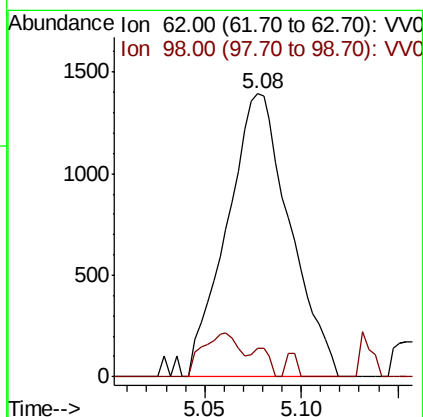
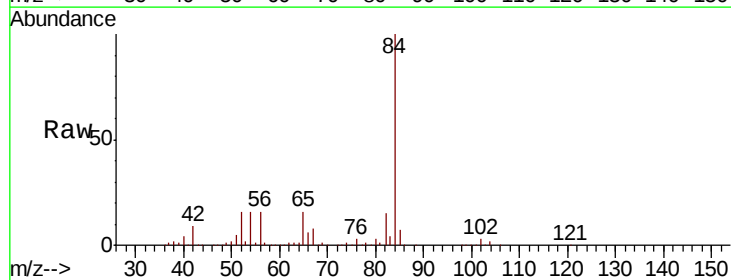
Instrument :
 MSVOA_V
 ClientSampled :

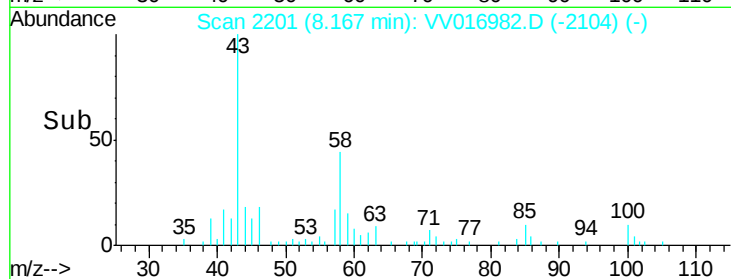
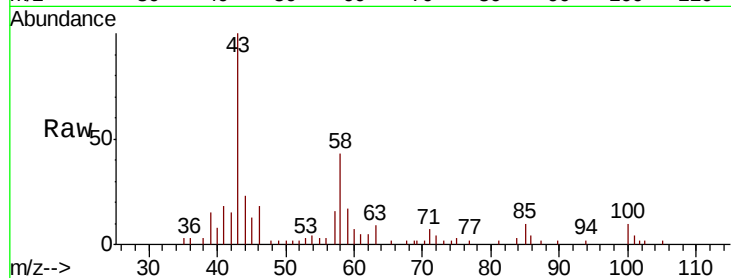
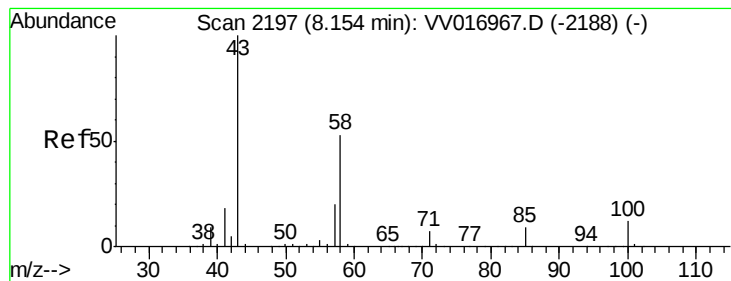
Tot Ion: 96 Resp: 77841
 Ion Ratio Lower Upper
 96 100
 61 137.0 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.826 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016982.D
 Acq: 18 Jun 2020 17:05

Tgt Ion: 62 Resp: 3138
 Ion Ratio Lower Upper
 62 100
 98 10.1 7.4 11.2





#48

2-Hexanone

Concen: 4.802 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016982.D

Acq: 18 Jun 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 13208

Ion Ratio Lower Upper

43 100

58 40.4 43.1 64.7#

57 19.3 15.3 22.9

100 11.9 10.0 15.0

