

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016462.D
 Acq On : 03 Jun 2020 17:23
 Operator : SY/MD
 Sample : L2843-05DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:20:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366972	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112845	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.58	69	86807	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.52%
11) 1,1-Dichloroethene-d2	2.12	63	158779	34.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.92%
21) 2-Butanone-d5	3.89	46	182750	109.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.96%
24) Chloroform-d	4.38	84	233837	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.05	65	163633	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
32) Benzene-d6	5.07	84	473279	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
36) 1,2-Dichloropropane-d6	6.09	67	146806	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.04%
41) Toluene-d8	7.34	98	416517	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	7.64	79	67140	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.11	63	138791	112.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198851	50.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	165166	53.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.72%

Target Compounds

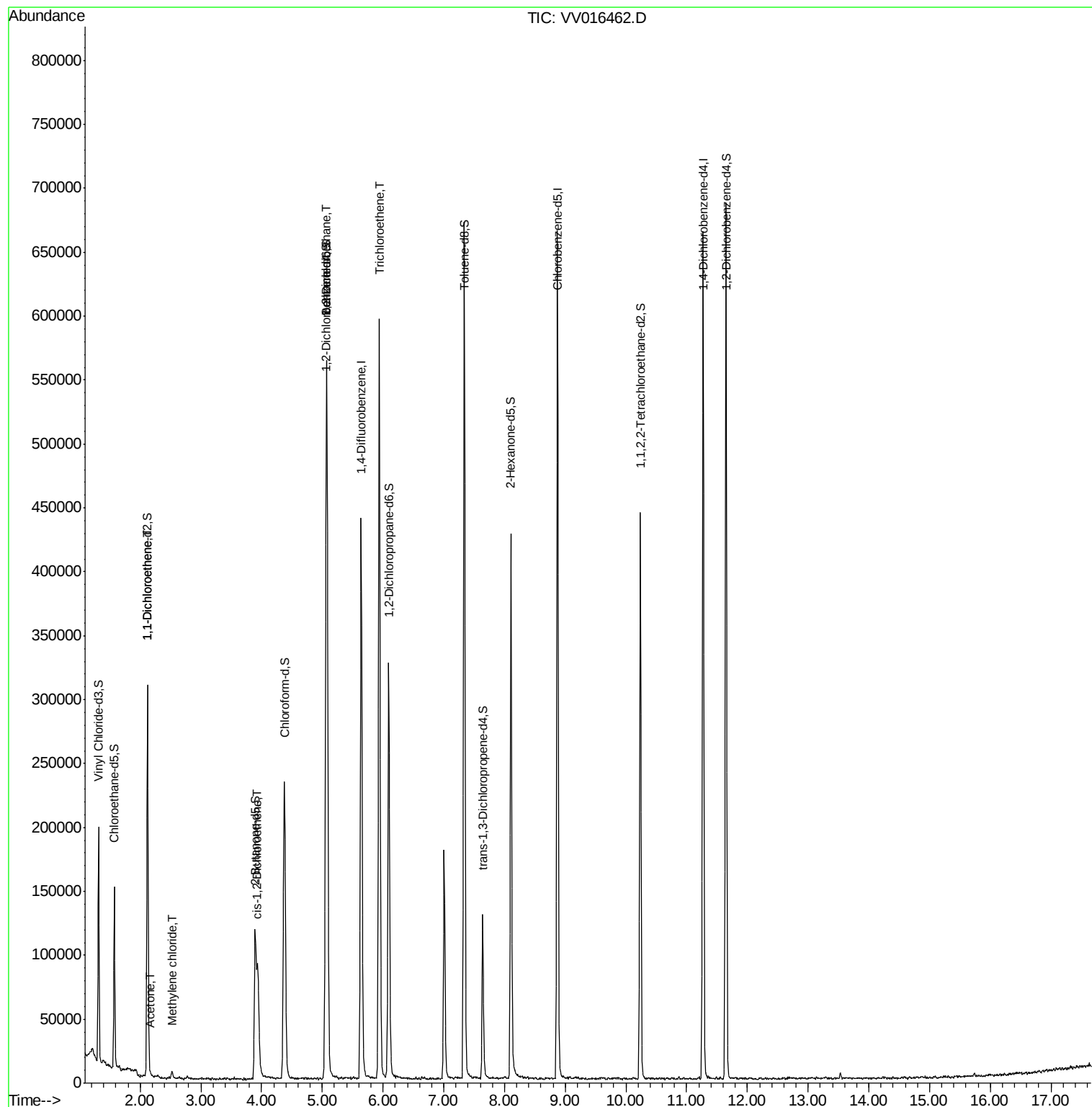
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1652	0.811 ug/L #	1
13) Acetone	2.18	43	1572	1.012 ug/L	56
16) Methylene chloride	2.52	84	2158	0.751 ug/L #	70
20) cis-1,2-Dichloroethene	3.94	96	39346	14.183 ug/L	98
27) 1,2-Dichloroethane	5.07	62	3474	0.858 ug/L	99
34) Trichloroethene	5.94	95	202965	76.286 ug/L	98

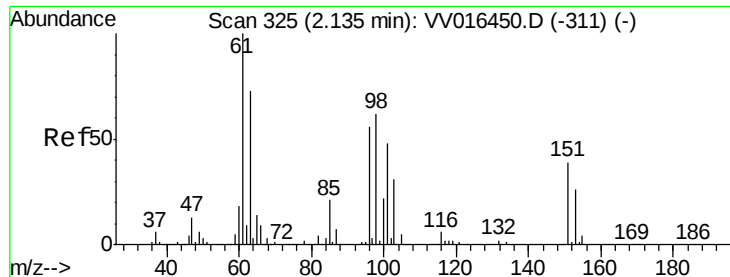
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.811 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016462.D

Acq: 03 Jun 2020 17:23

Instrument :
MSVOA_V
ClientSampled :

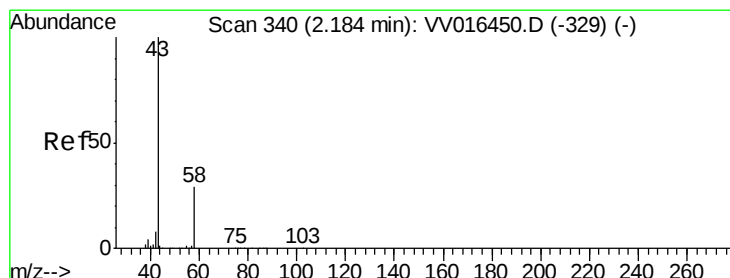
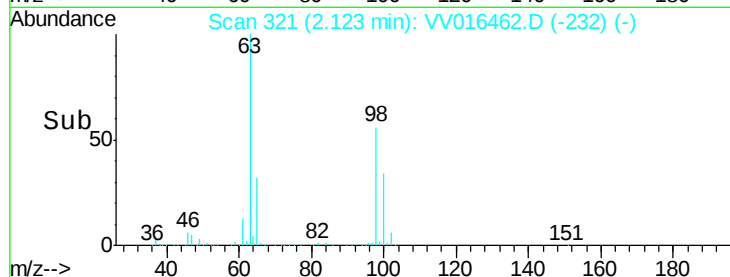
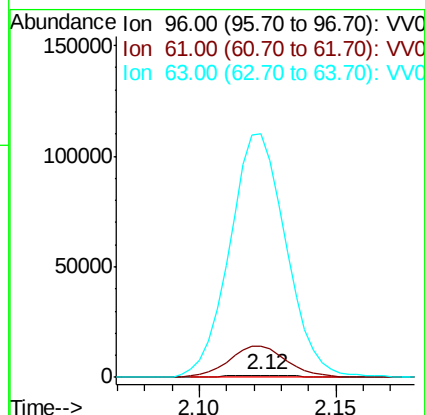
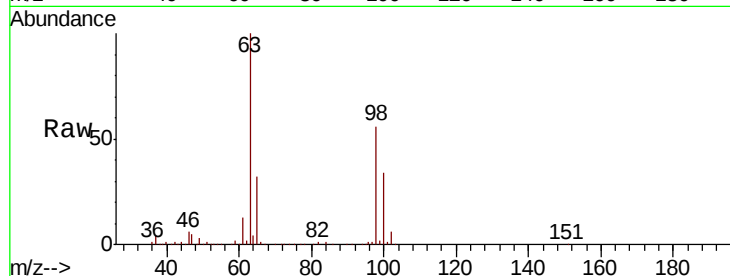
Tot Ion: 96 Resp: 1652

Ion Ratio Lower Upper

96 100

61 1368.8 125.5 233.1#

63 10750.8 104.0 193.1#



#13

Acetone

Concen: 1.012 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV016462.D

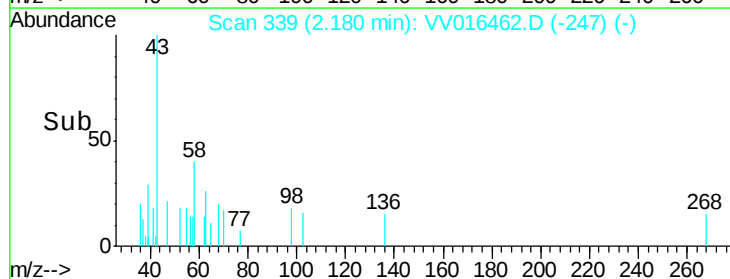
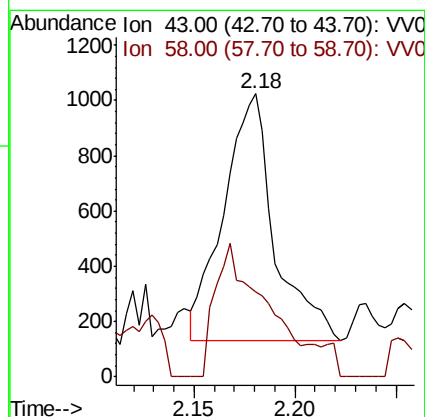
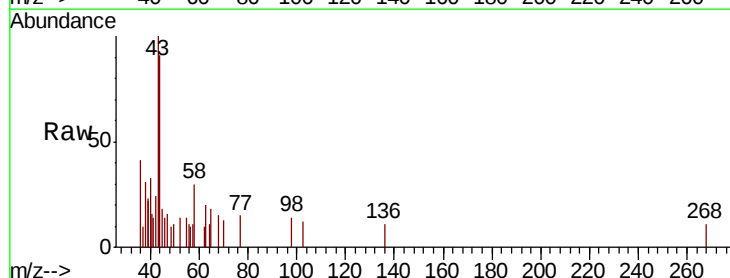
Acq: 03 Jun 2020 17:23

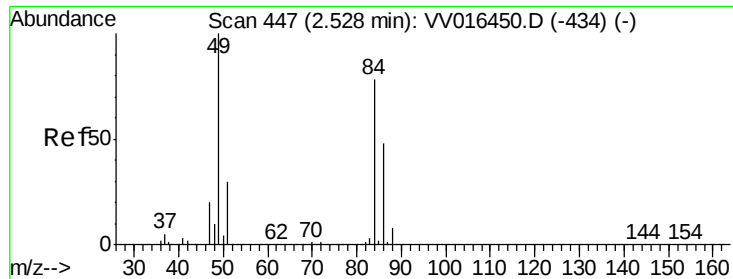
Tgt Ion: 43 Resp: 1572

Ion Ratio Lower Upper

43 100

58 51.7 0.0 57.2

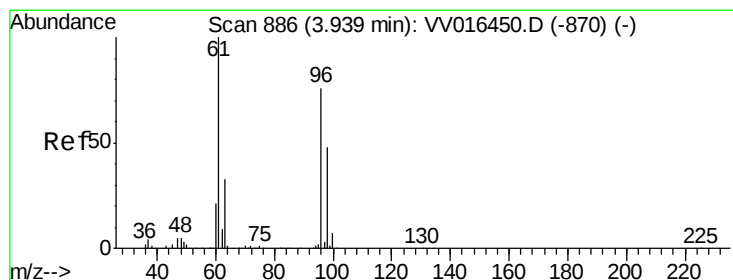
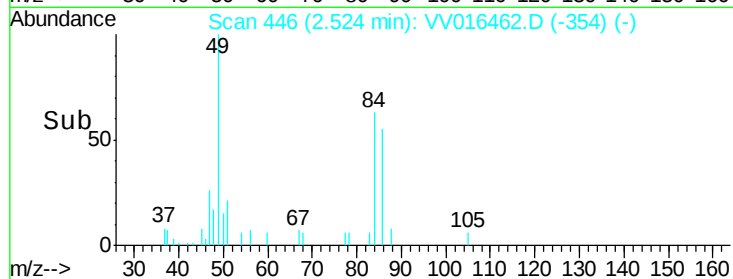
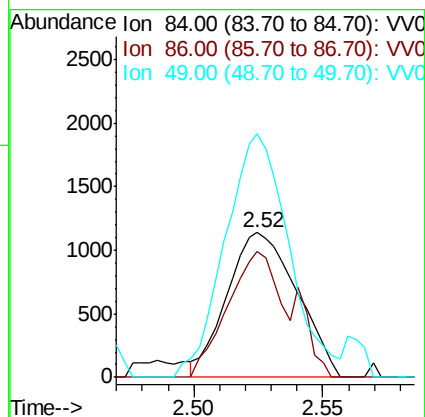
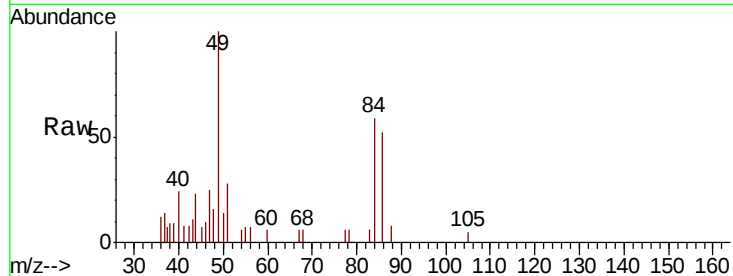




#16
Methvlene chloride
Concen: 0.751 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016462.D
Acq: 03 Jun 2020 17:23

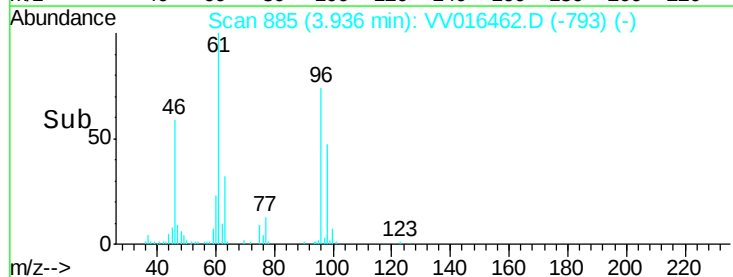
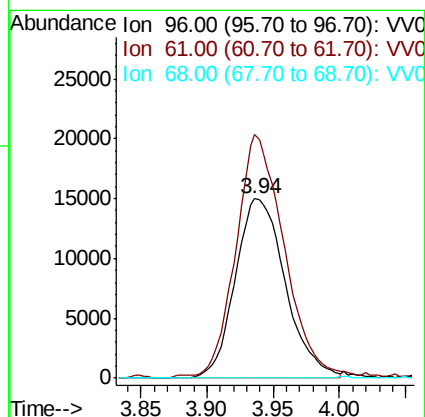
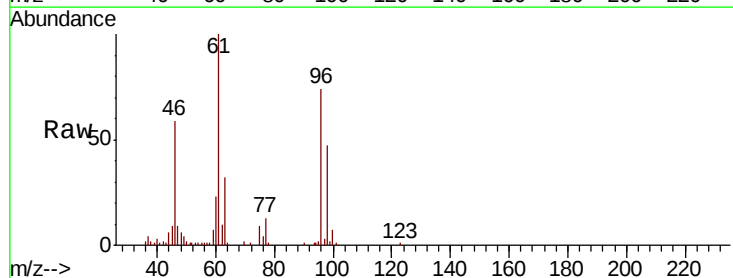
Instrument :
MSVOA_V
ClientSampled :

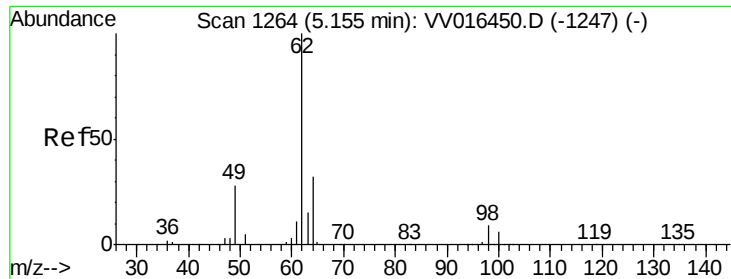
Tot Ion: 84 Resp: 2158
Ion Ratio Lower Upper
84 100
86 86.6 45.1 83.9#
49 168.1 92.4 171.6



#20
cis-1,2-Dichloroethene
Concen: 14.183 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016462.D
Acq: 03 Jun 2020 17:23

Tgt Ion: 96 Resp: 39346
Ion Ratio Lower Upper
96 100
61 135.9 93.4 173.4
68 0.0 0.0 0.0

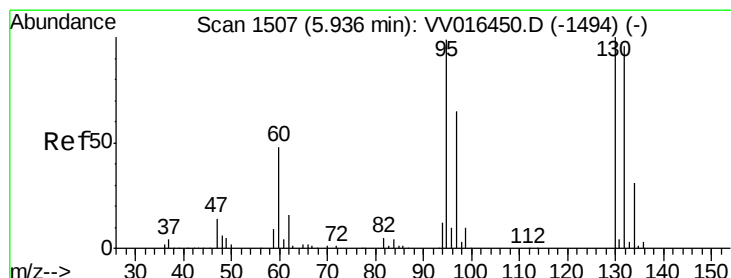
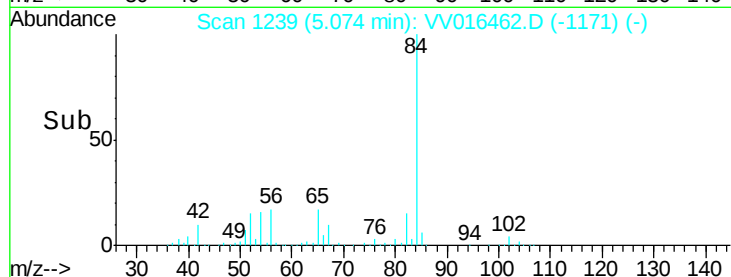
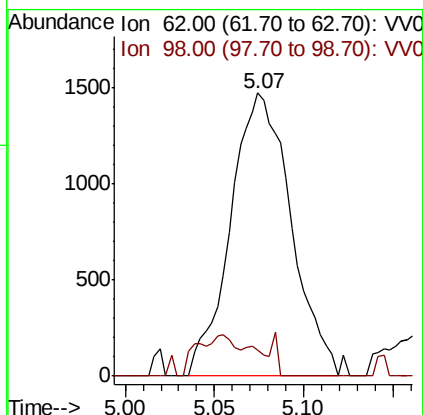
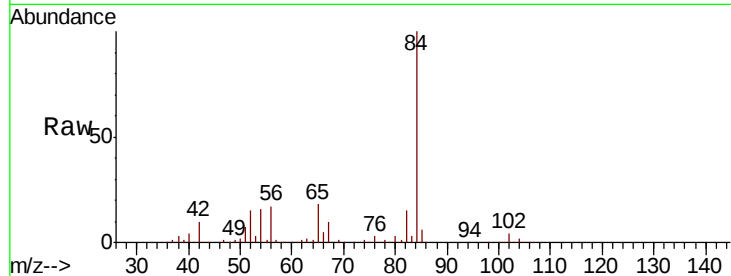




#27
 1,2-Dichloroethane
 Concen: 0.858 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016462.D
 Acq: 03 Jun 2020 17:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 62 Resp: 3474
 Ion Ratio Lower Upper
 62 100
 98 9.0 6.9 10.3



#34
 Trichloroethene
 Concen: 76.286 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016462.D
 Acq: 03 Jun 2020 17:23

Tgt Ion: 95 Resp: 202965
 Ion Ratio Lower Upper
 95 100
 97 65.6 42.8 79.6
 132 94.6 65.6 121.8
 130 99.9 69.0 128.1

