

Data File : VV014405.D
Acq On : 27 Jan 2020 15:02
Operator : SY/MD
Sample : L1253-01DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AB0DL

Quant Time: Jan 28 03:15:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 03:12:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	883295	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	803202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	380444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221262	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.59	69	200791	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.14	63	233228	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	3.93	46	859088	57.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.72%
24) Chloroform-d	4.40	84	560635	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	277363	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	1031296	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.12	67	356758	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	818476	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	7.66	79	130745	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.14	63	788938	56.68	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	291297	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	327961	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.14	96	3412	0.086 ug/L #	1
13) Acetone	2.19	43	40742	3.985 ug/L	95
16) Methylene chloride	2.54	84	36157	0.563 ug/L	90
19) 1,1-Dichloroethane	3.23	63	7053	0.061 ug/L	96
21) 2-Butanone	4.04	43	26666	1.739 ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	808517	12.434 ug/L #	98
34) Trichloroethene	5.96	95	441951	6.953 ug/L	98
35) Methylcyclohexane	6.12	83	83301	0.801 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	35906	0.575 ug/L #	90
48) 2-Hexanone	8.14	43	101928	3.744 ug/L #	61

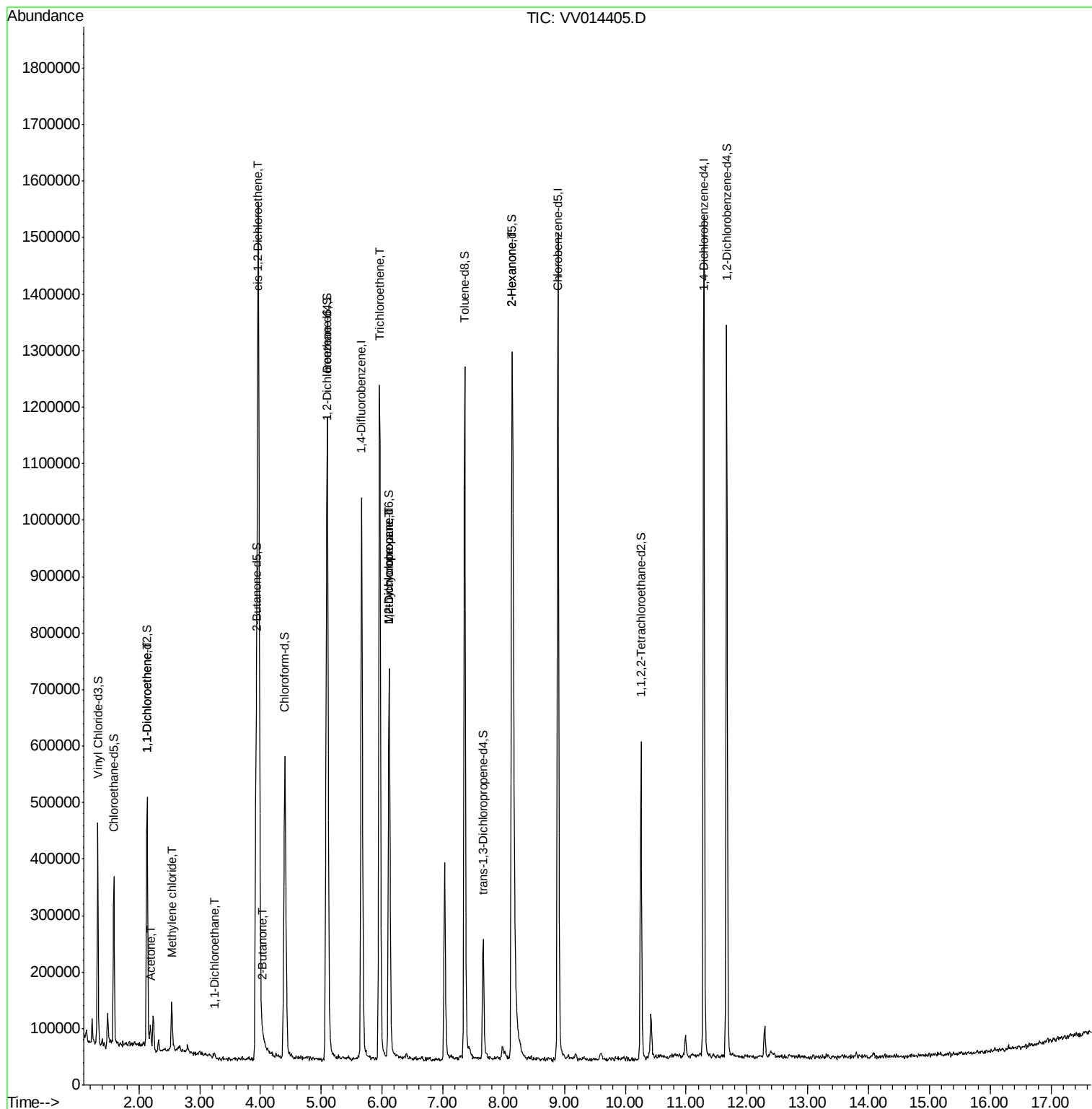
(#) = qualifier out of range (m) = manual integration (+) = signals summed

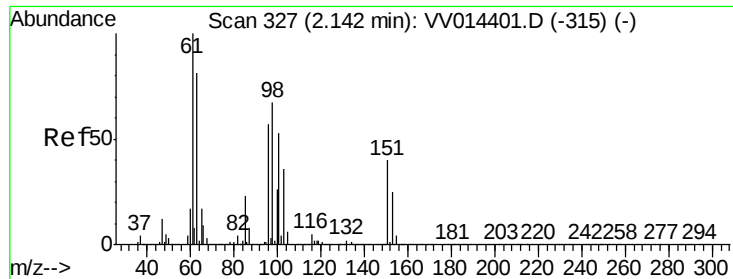
Data File : VV014405.D

```
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Quant Title : TRACE VOA SOM01.0
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#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

H0AB0DL

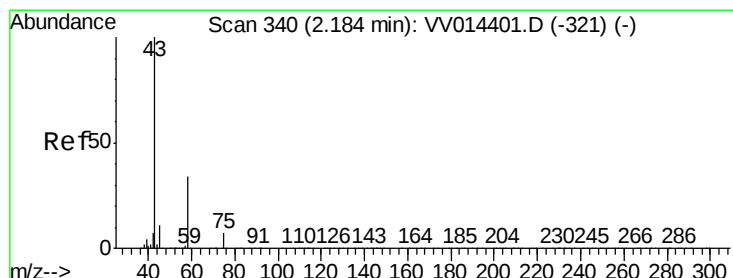
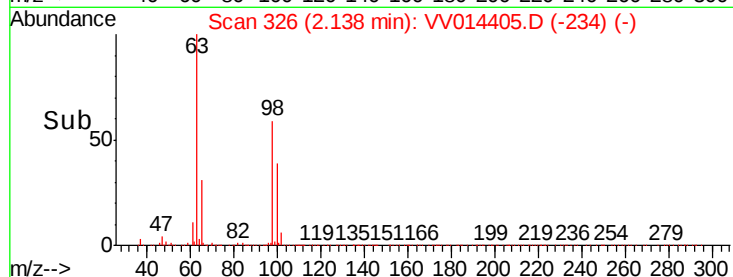
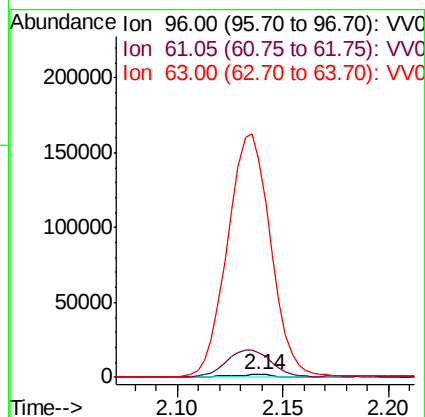
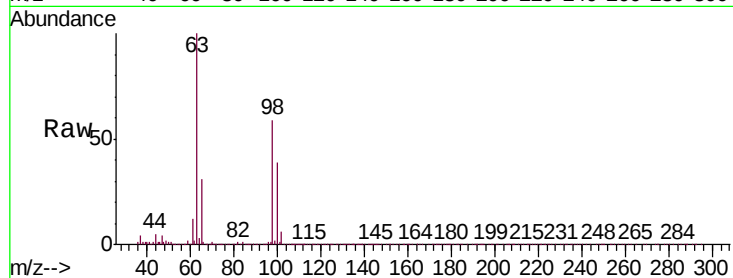
Tgt Ion: 96 Resp: 3412

Ion Ratio Lower Upper

96 100

61 866.3 121.5 225.7#

63 7473.2 90.3 167.7#



#13

Acetone

Concen: 3.985 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV014405.D

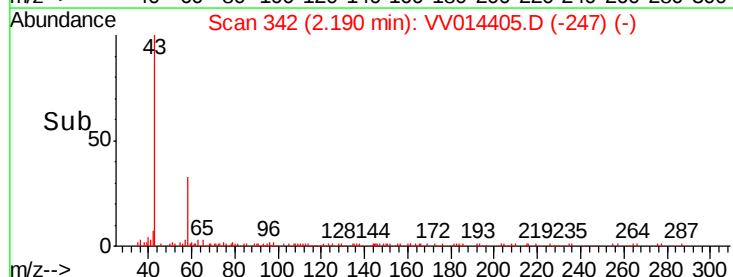
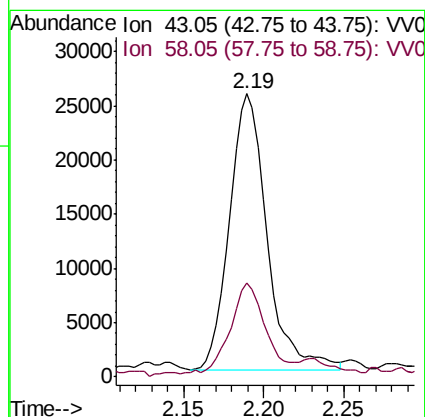
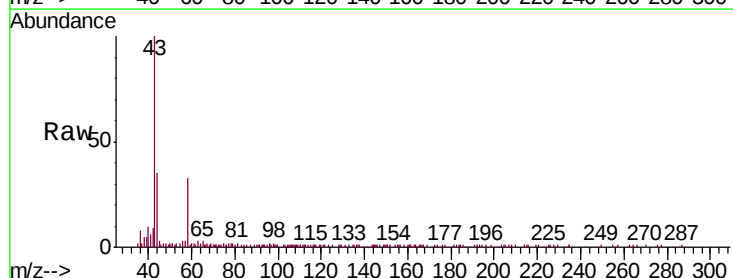
Acq: 27 Jan 2020 15:02

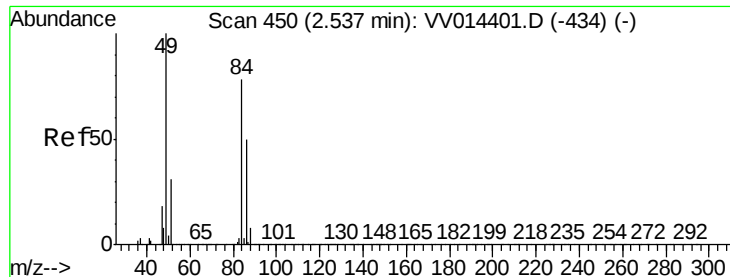
Tgt Ion: 43 Resp: 40742

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.0

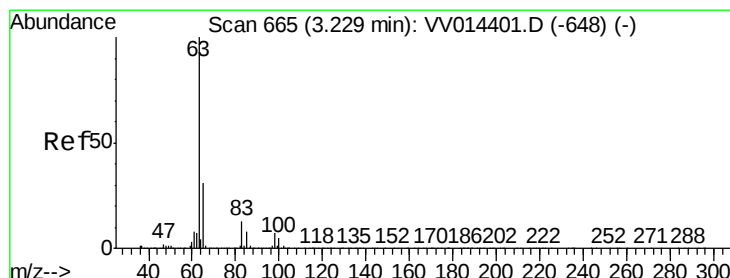
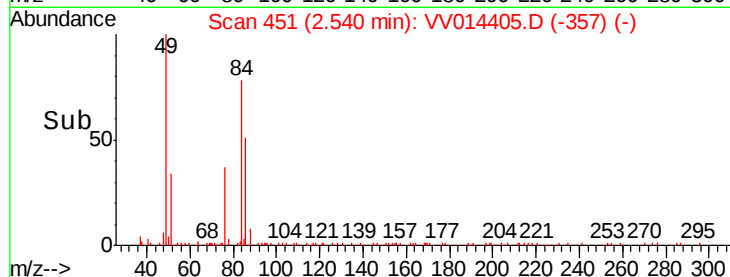
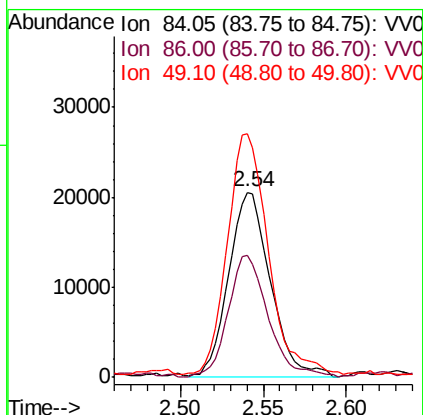
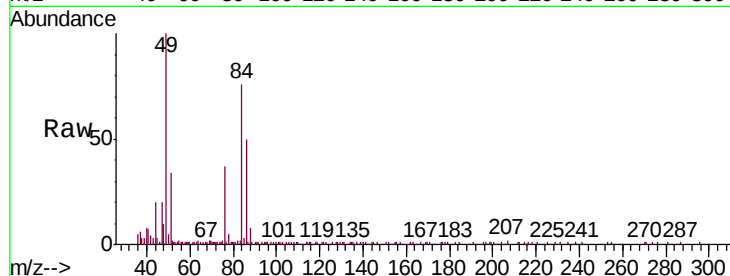




#16
Methylene chloride
Concen: 0.563 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV014405.D
Acq: 27 Jan 2020 15:02

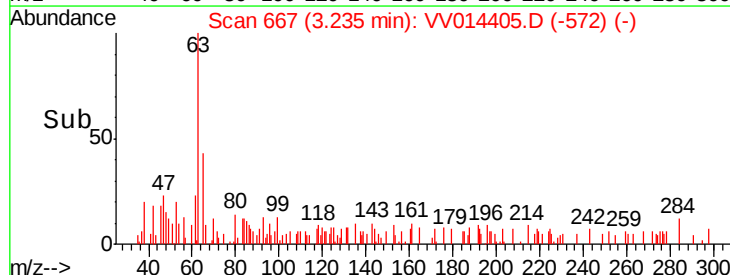
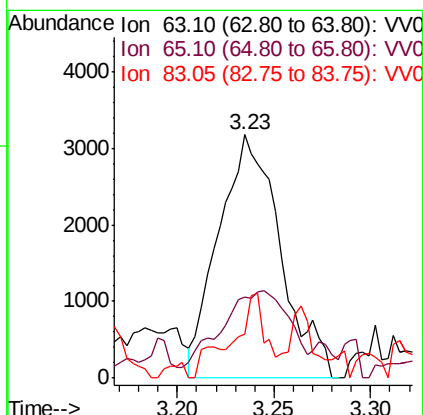
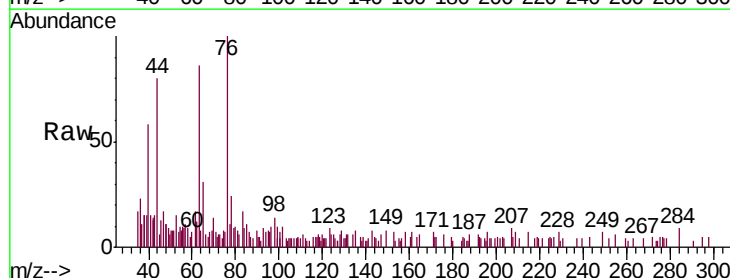
Instrument :
MSVOA_V
ClientSampleId :
H0AB0DL

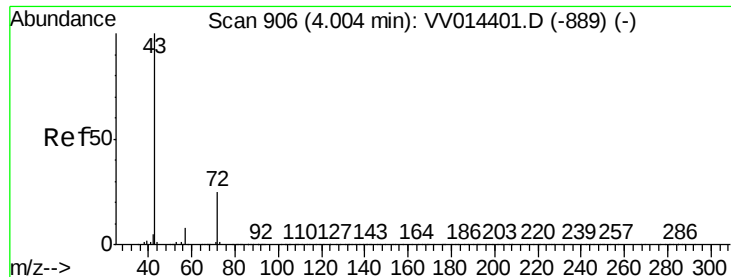
Tgt Ion: 84 Resp: 36157
Ion Ratio Lower Upper
84 100
86 65.7 43.1 80.1
49 131.5 82.1 152.5



#19
1,1-Dichloroethane
Concen: 0.061 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.01 min
Lab File: VV014405.D
Acq: 27 Jan 2020 15:02

Tgt Ion: 63 Resp: 7053
Ion Ratio Lower Upper
63 100
65 33.2 22.7 42.3
83 18.0 10.0 18.6





#21

2-Butanone

Concen: 1.739 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.03 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

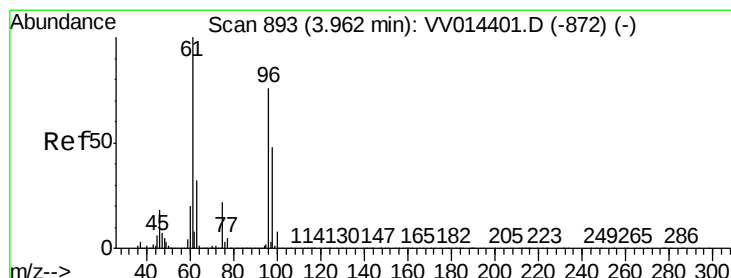
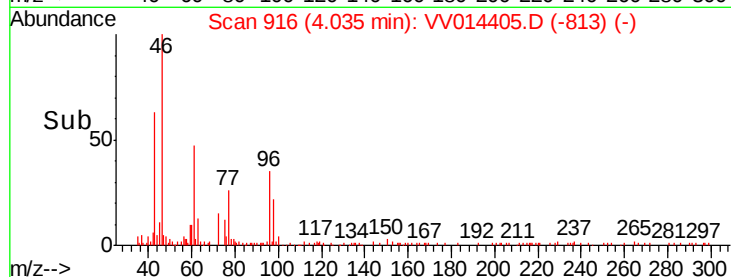
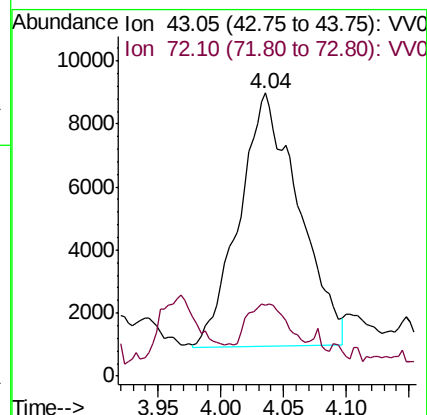
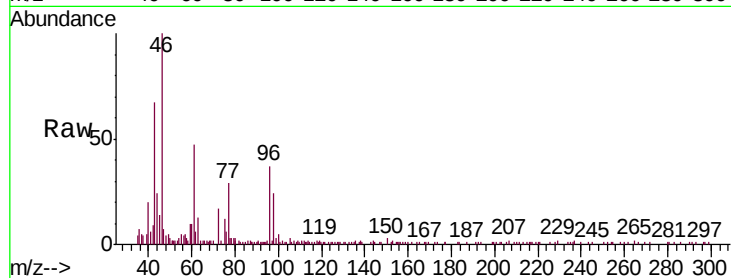
H0AB0DL

Tgt Ion: 43 Resp: 26666

Ion Ratio Lower Upper

43 100

72 16.5 12.4 37.2



#22

cis-1,2-Dichloroethene

Concen: 12.434 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

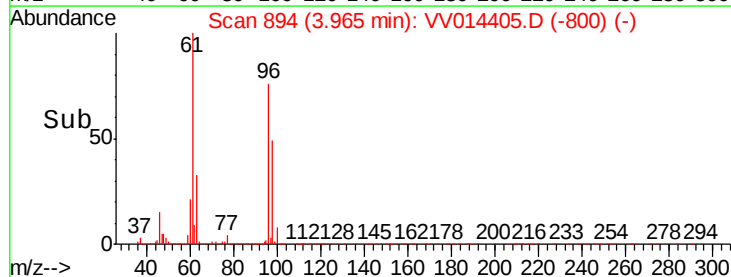
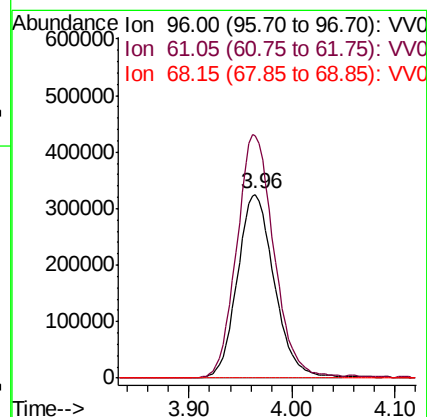
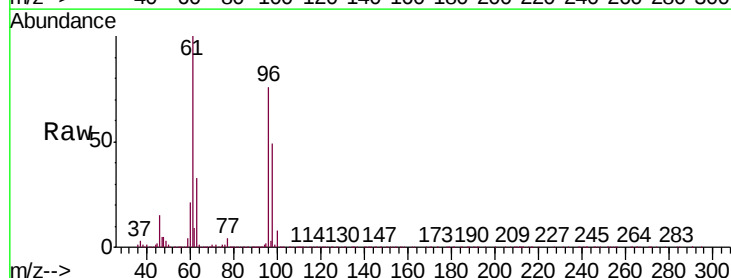
Tgt Ion: 96 Resp: 808517

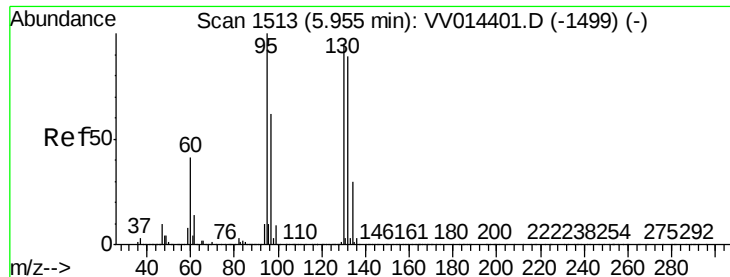
Ion Ratio Lower Upper

96 100

61 132.1 90.6 168.3

68 0.1 0.3 0.7#





#34

Trichloroethene

Concen: 6.953 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

H0AB0DL

Tgt Ion: 95 Resp: 441951

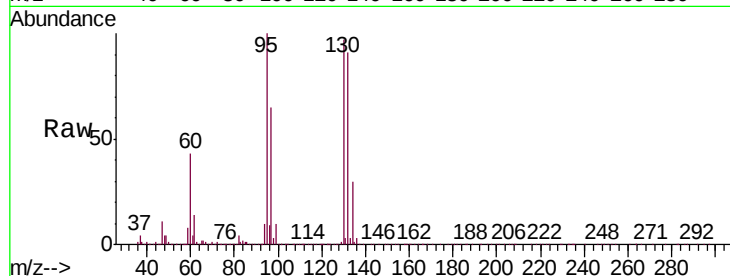
Ion Ratio Lower Upper

95 100

97 65.2 43.8 81.3

132 91.4 63.4 117.8

130 96.7 65.7 122.1

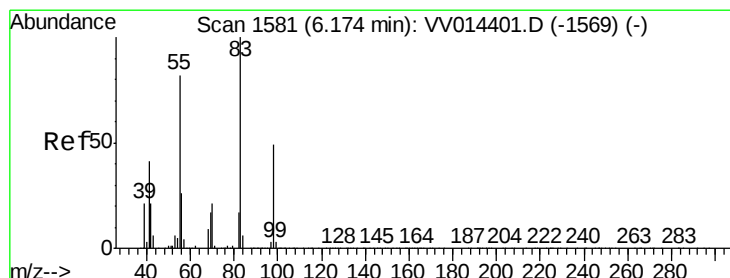
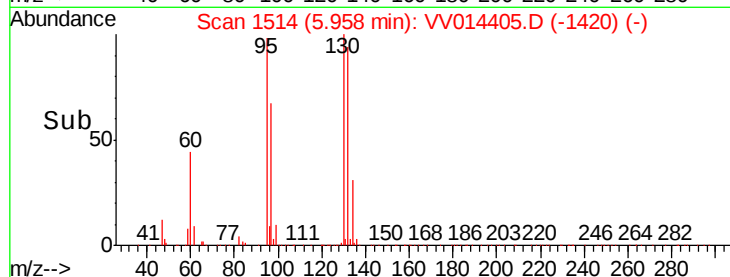
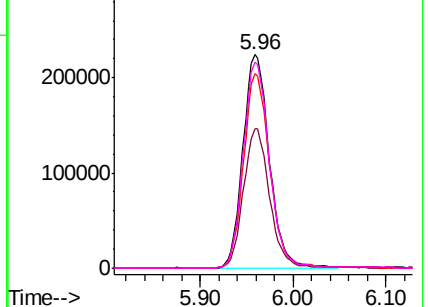


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

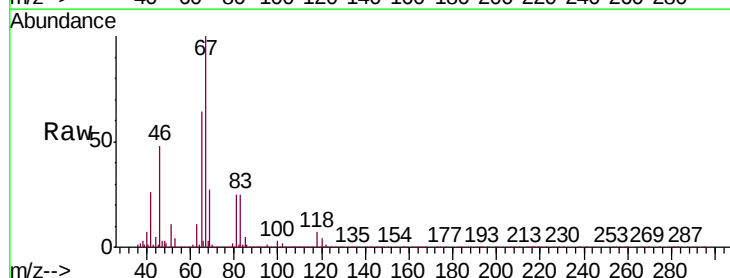
Tgt Ion: 83 Resp: 83301

Ion Ratio Lower Upper

83 100

55 0.2 61.7 92.5#

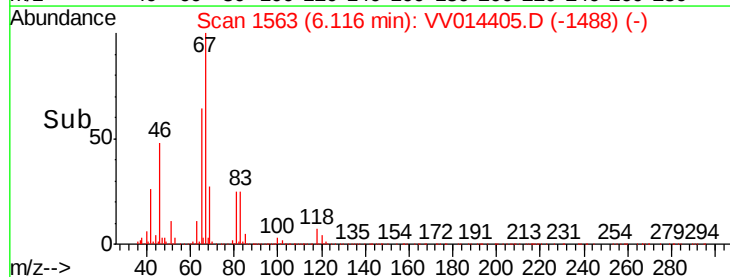
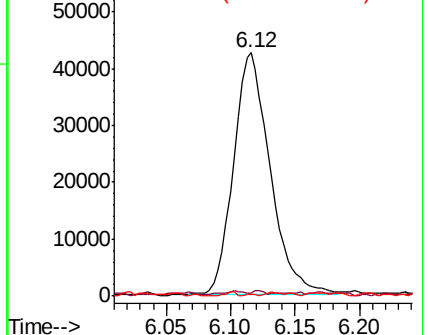
98 0.7 38.1 57.1#

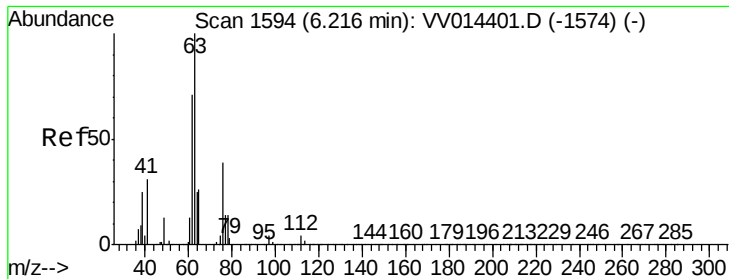


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

Instrument :

MSVOA_V

ClientSampleId :

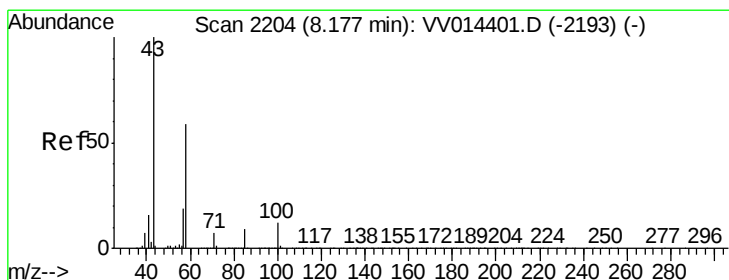
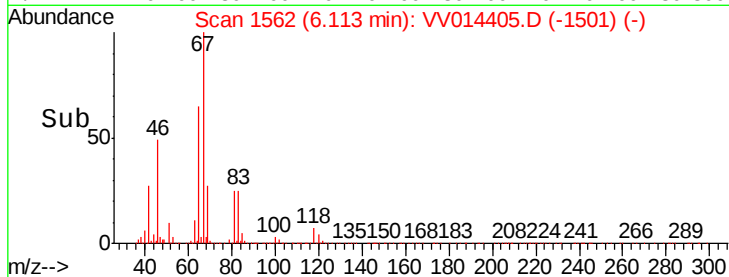
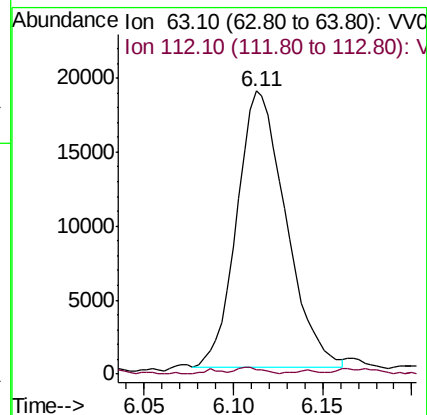
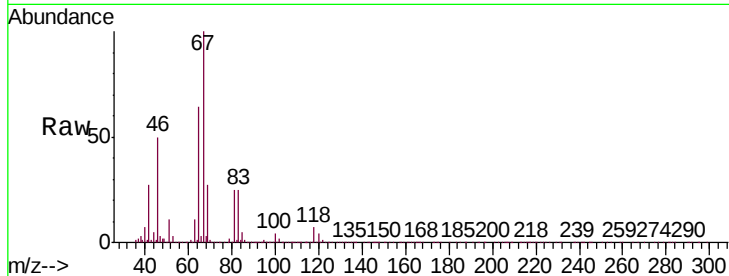
H0AB0DL

Tgt Ion: 63 Resp: 35906

Ion Ratio Lower Upper

63 100

112 1.4 3.7 5.5#



#48

2-Hexanone

Concen: 3.744 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV014405.D

Acq: 27 Jan 2020 15:02

Tgt Ion: 43 Resp: 101928

Ion Ratio Lower Upper

43 100

58 16.7 45.4 68.0#

57 20.1 15.8 23.8

100 0.1 10.2 15.4#

