

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010801.D
 Acq On : 10 May 2019 07:55
 Operator : SY/MD
 Sample : K2737-05
 Misc : 3.72G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB851

Quant Time: May 10 09:17:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 07:54:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	10378	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	8276	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3349	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	1.58	69	3710	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.84%
10) 1,1-Dichloroethene-d2	2.13	63	4831	13.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.24%
20) 2-Butanone-d5	3.95	46	551	11.39	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.78%
24) Chloroform-d	4.40	84	7891	27.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.56%
26) 1,2-Dichloroethane-d4	5.08	65	5262	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.12%
29) Benzene-d6	5.10	84	13469	30.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.68%
33) 1,2-Dichloropropane-d6	6.12	67	4821	34.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.92%#
37) Toluene-d8	7.36	98	9711	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	7.67	79	1164	18.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.60%
39) 2-Hexanone-d5	8.14	63	393	13.53	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2979	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	2057	27.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.56%

Target Compounds

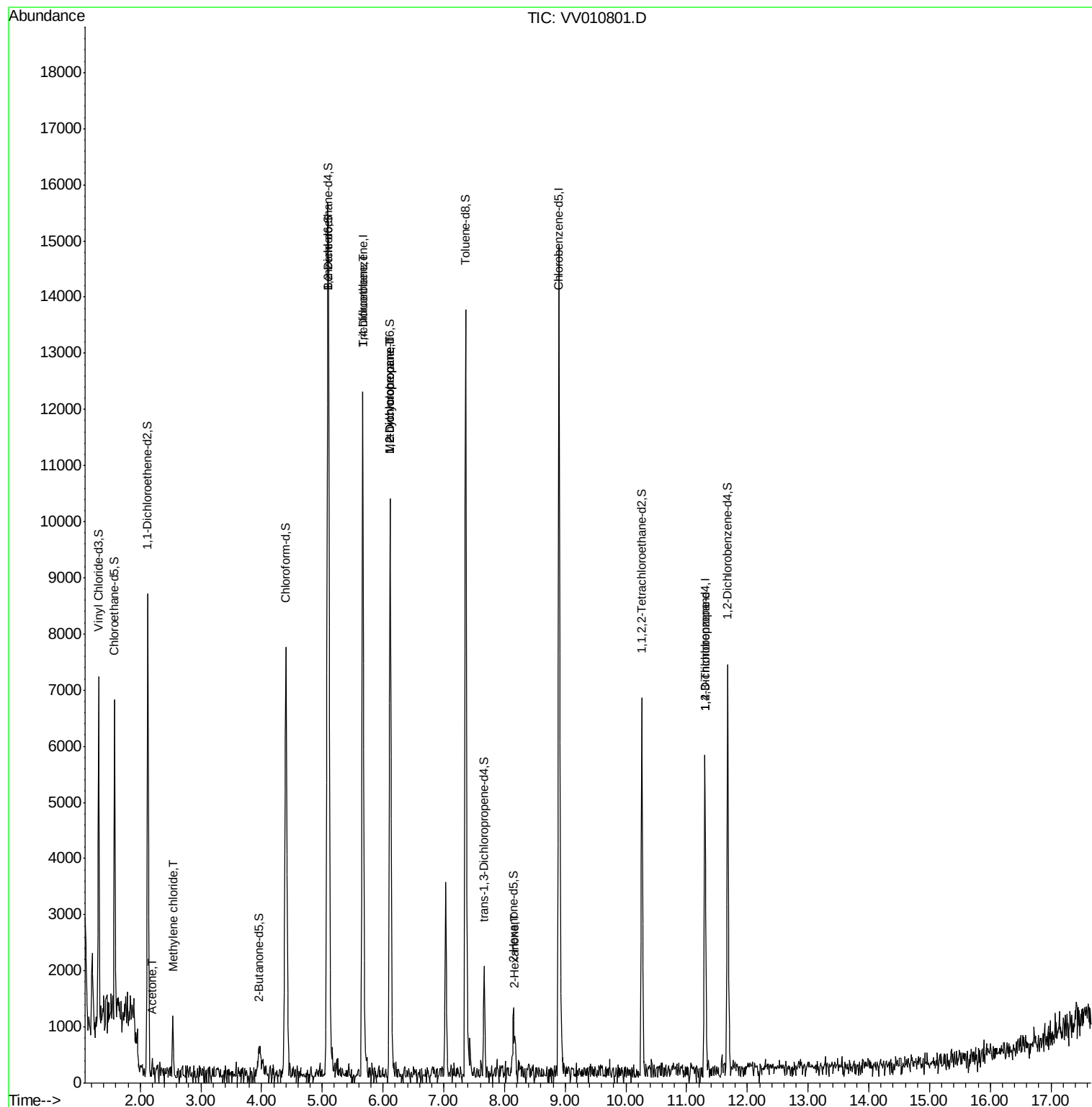
					Ovalue
13) Acetone	2.20	43	194	2.590 ug/L #	43
16) Methylene chloride	2.54	84	382	2.381 ug/L	99
35) Trichloroethene	5.67	95	192	1.411 ug/L #	7
36) Methylcyclohexane	6.12	83	1052	4.823 ug/L #	17
40) 1,2-Dichloropropane	6.12	63	631	4.882 ug/L #	87
49) 2-Hexanone	8.18	43	362	4.377 ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	75	0.691 ug/L #	43

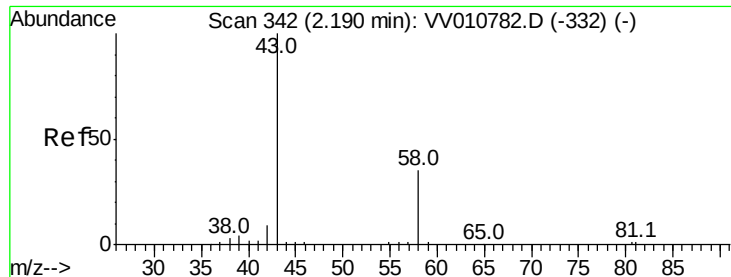
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.590 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010801.D

Acq: 10 May 2019 07:55

Instrument :

MSVOA_V

ClientSampled :

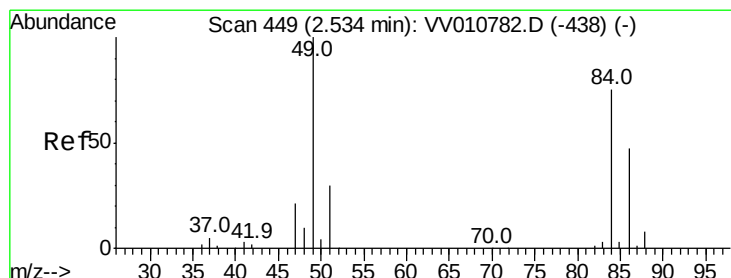
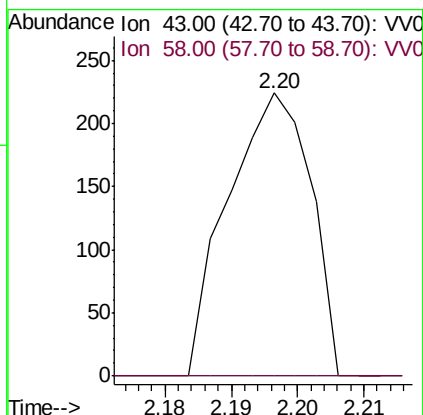
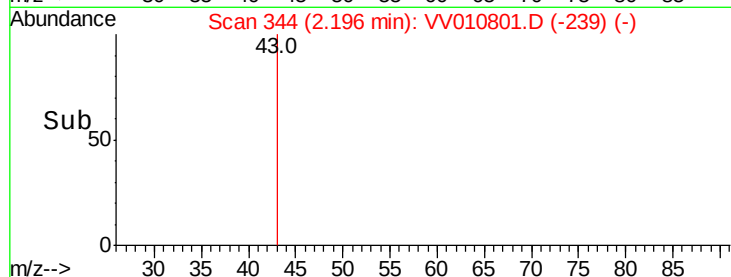
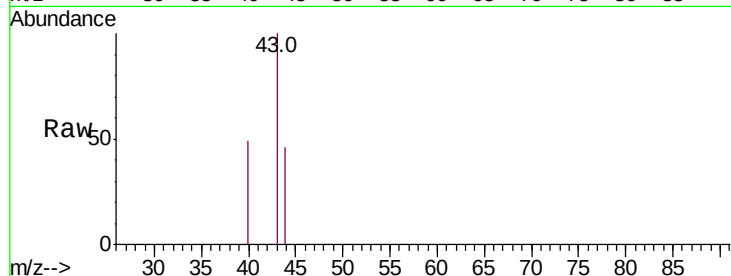
DB851

Tot Ion: 43 Resp: 194

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4



#16

Methylene chloride

Concen: 2.381 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010801.D

Acq: 10 May 2019 07:55

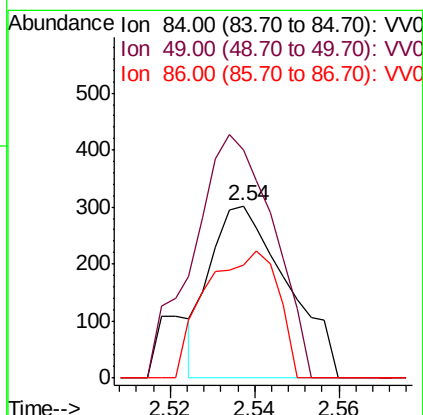
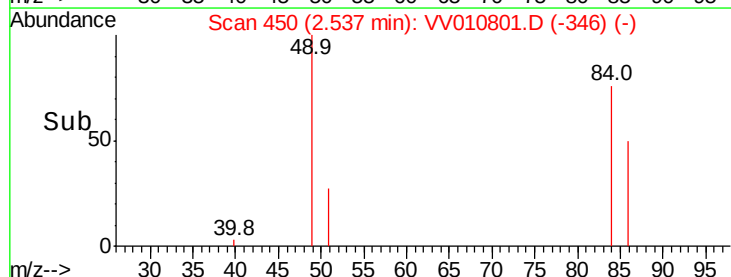
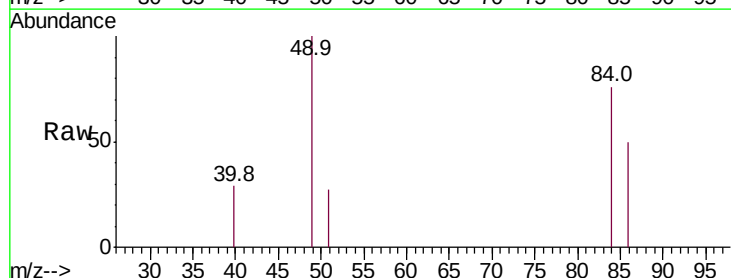
Tgt Ion: 84 Resp: 382

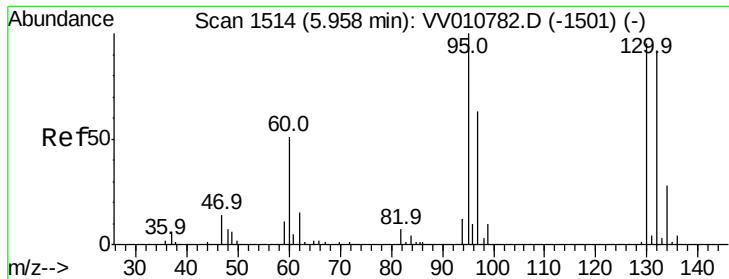
Ion Ratio Lower Upper

84 100

49 132.5 92.9 172.5

86 65.6 46.5 86.5





#35

Trichloroethene

Concen: 1.411 ug/L

RT: 5.67 min Scan# 1424

Delta R.T. -0.29 min

Lab File: VV010801.D

Acq: 10 May 2019 07:55

Instrument :

MSVOA_V

ClientSampled :

DB851

Tot Ion: 95 Resp: 192

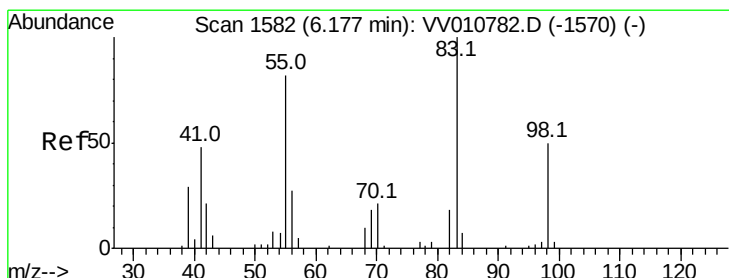
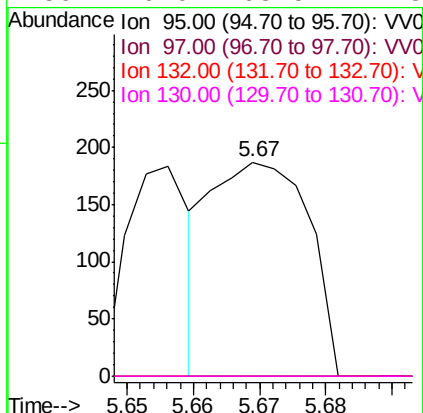
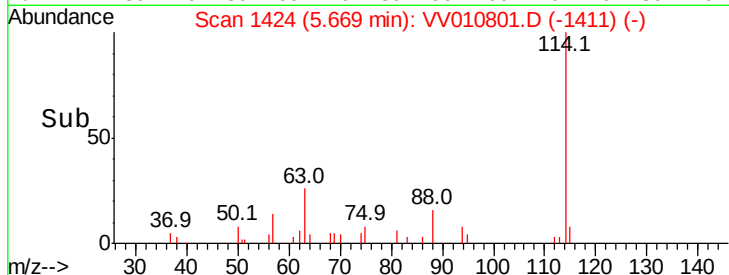
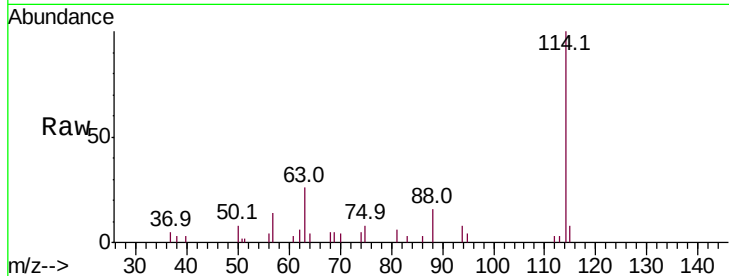
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 4.823 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV010801.D

Acq: 10 May 2019 07:55

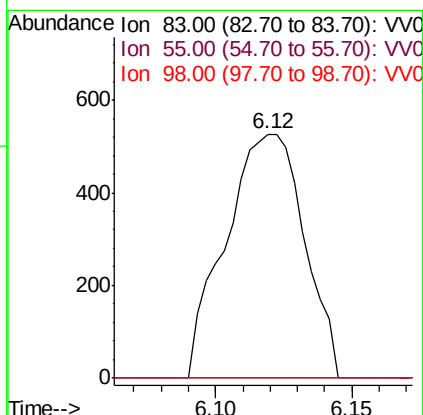
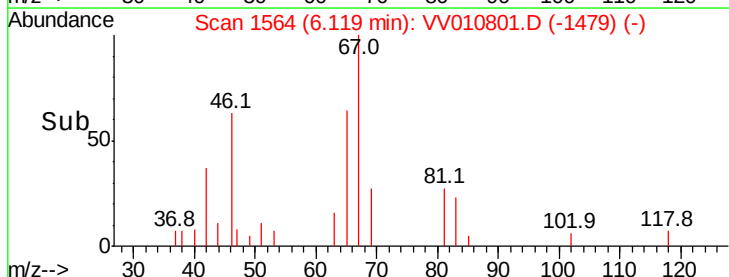
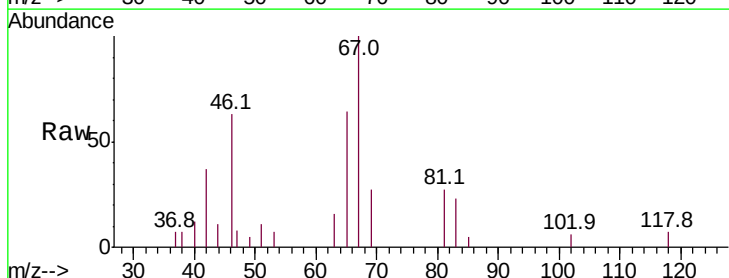
Tgt Ion: 83 Resp: 1052

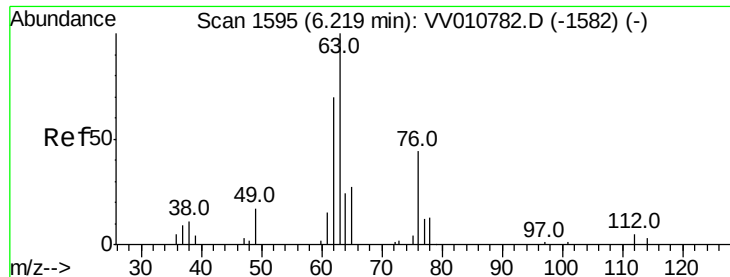
Ion Ratio Lower Upper

83 100

55 0.0 64.6 96.8#

98 0.0 37.7 56.5#

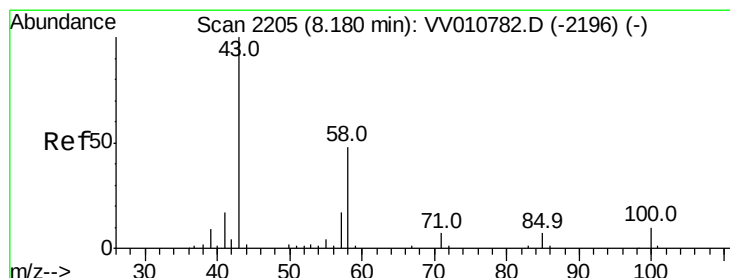
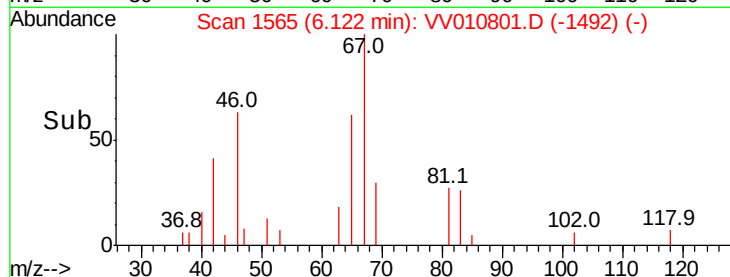
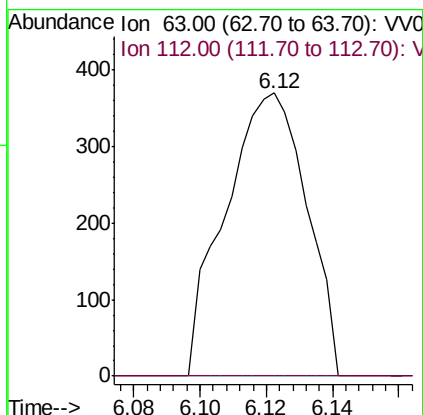
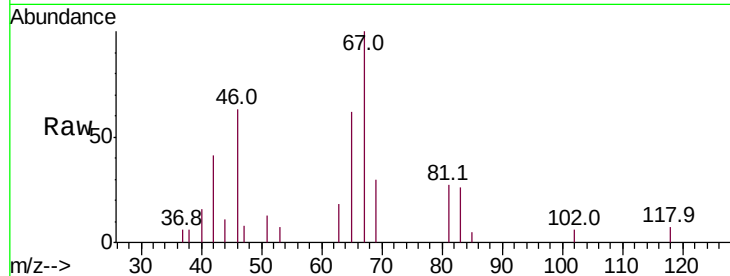




#40
 1,2-Dichloropropane
 Concen: 4.882 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010801.D
 Acq: 10 May 2019 07:55

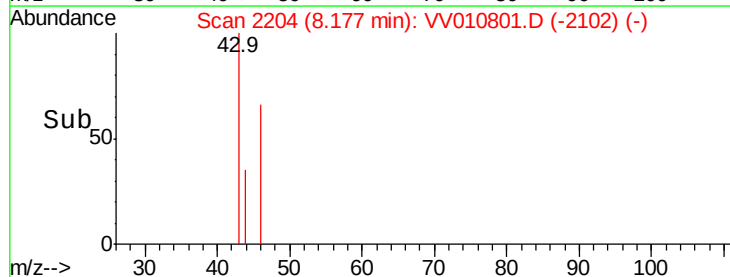
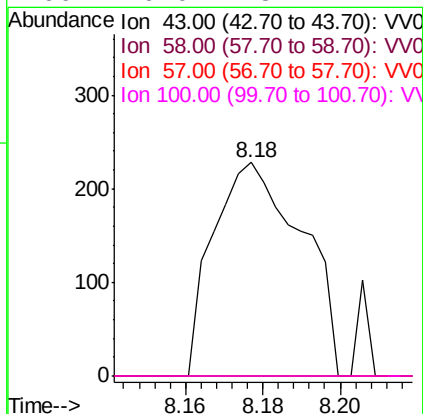
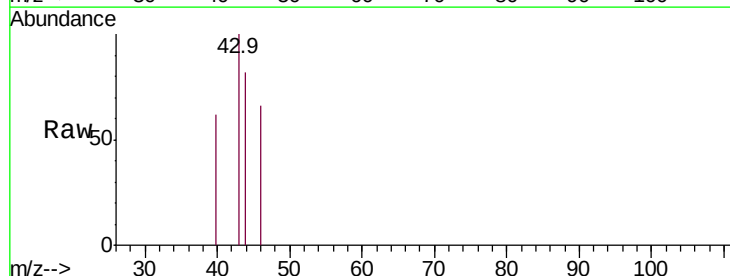
Instrument :
 MSVOA_V
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 DB851

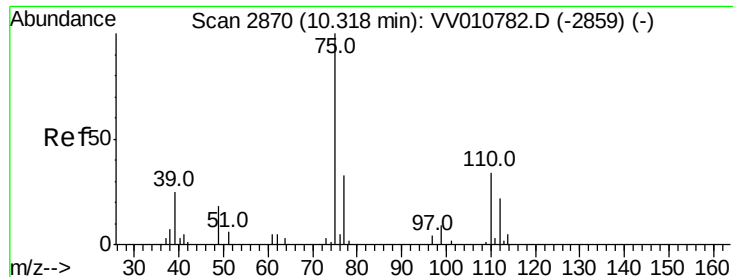
Tot Ion: 63 Resp: 631
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#49
 2-Hexanone
 Concen: 4.377 ug/L
 RT: 8.18 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VV010801.D
 Acq: 10 May 2019 07:55

Tgt Ion: 43 Resp: 362
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.4 59.0#
 57 0.0 14.2 21.4#
 100 0.0 8.2 12.2#





#59

1,2,3-Trichloropropane

Concen: 0.691 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010801.D

Acq: 10 May 2019 07:55

Instrument :

MSVOA_V

ClientSampleId :

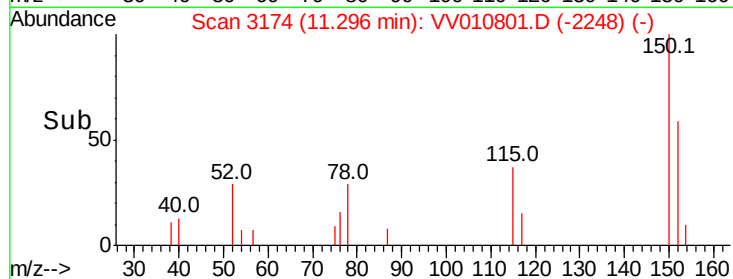
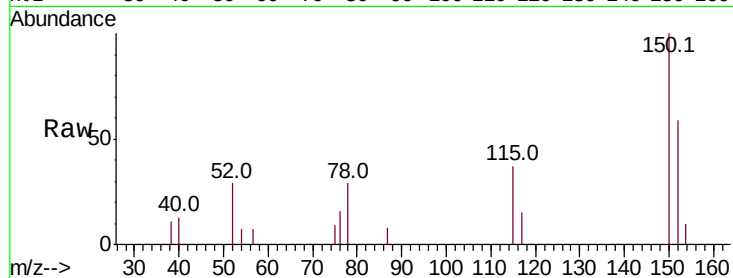
DB851

Tot Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

