

Data File : VV012012.D
Acq On : 24 Jul 2019 15:36
Operator : SY/MD
Sample : K3958-13
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A02

Quant Time: Jul 25 04:16:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121017	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	115469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30075	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.59	69	26272	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	48734	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.94	46	99604	54.18	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	4.40	84	83954	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	47712	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	170921	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	48728	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.36	98	151202	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	18859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.13	63	80505	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34675	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	63456	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

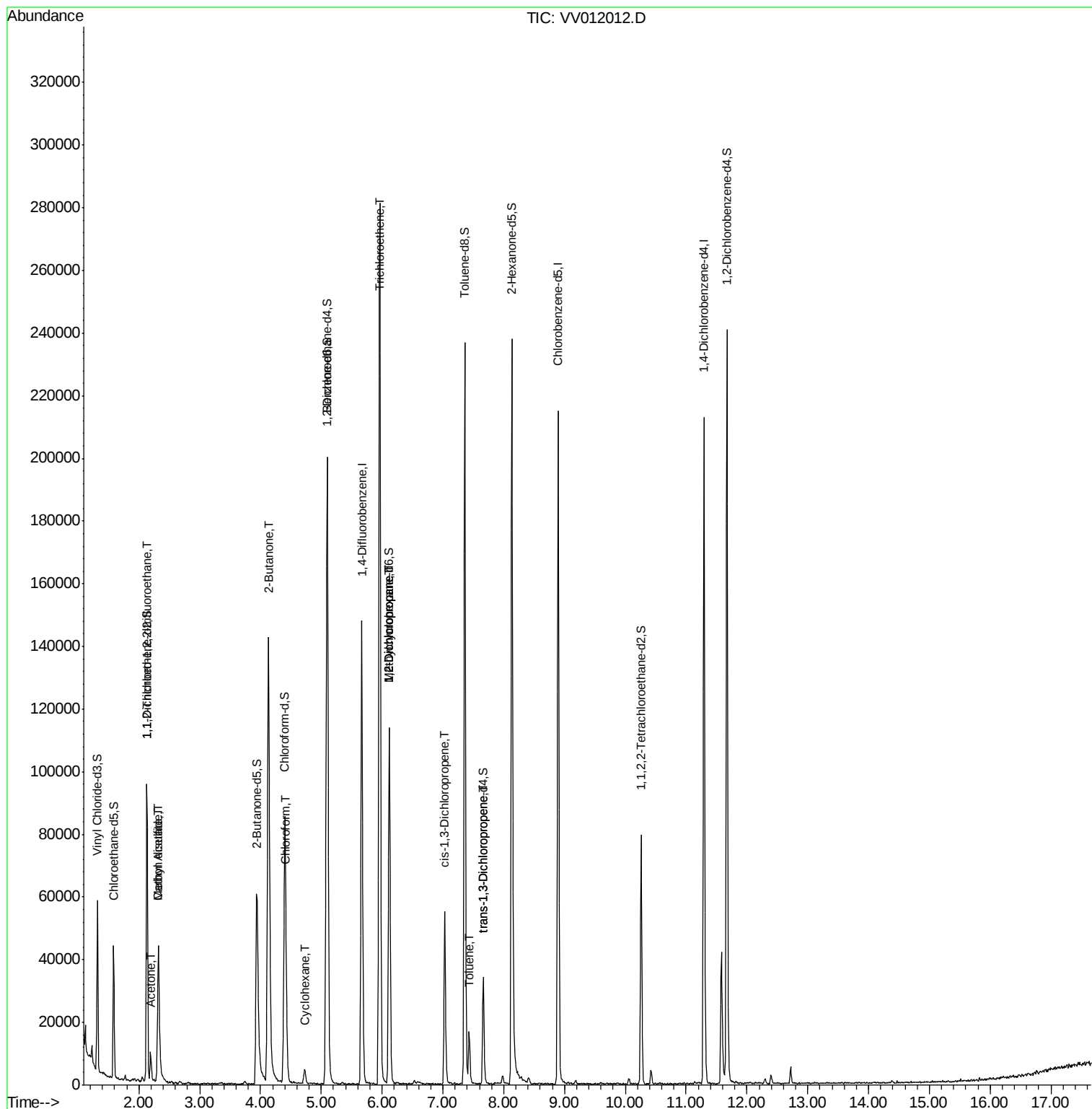
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	521	0.085	ug/L #	15
13) Acetone	2.19	43	8910	8.990	ug/L	92
14) Carbon disulfide	2.32	76	1392	0.089	ug/L #	84
15) Methyl Acetate	2.32	43	15518	7.172	ug/L #	45
21) 2-Butanone	4.13	43	221021	116.255	ug/L #	48
25) Chloroform	4.43	83	6919	0.378	ug/L	99
30) Cyclohexane	4.73	56	2320	0.166	ug/L #	94
34) Trichloroethene	5.96	95	93465	9.909	ug/L	99
35) Methylcyclohexane	6.12	83	13122	0.894	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	5954	0.729	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1536	0.127	ug/L #	69
42) Toluene	7.43	91	11008	0.302	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	835	0.087	ug/L #	76

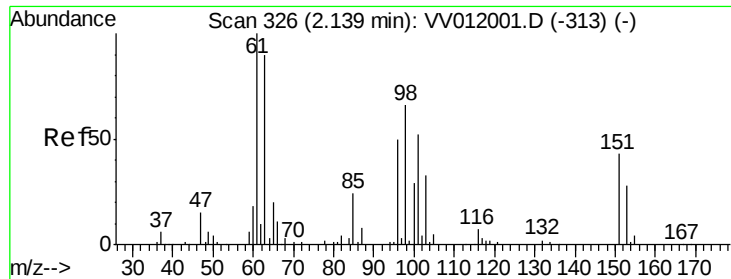
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

F2A02

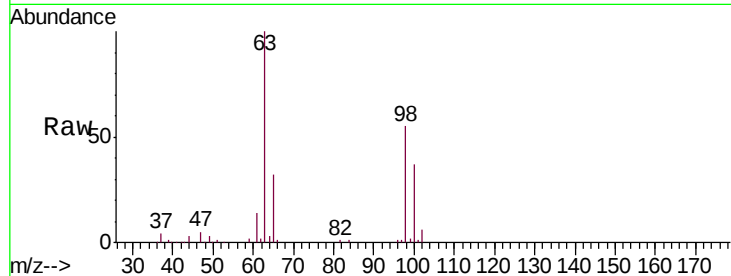
Tgt Ion:101 Resp: 521

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

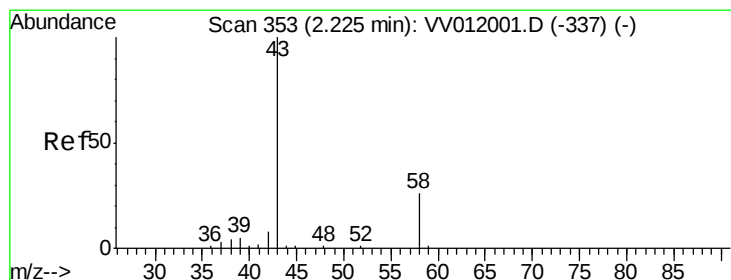
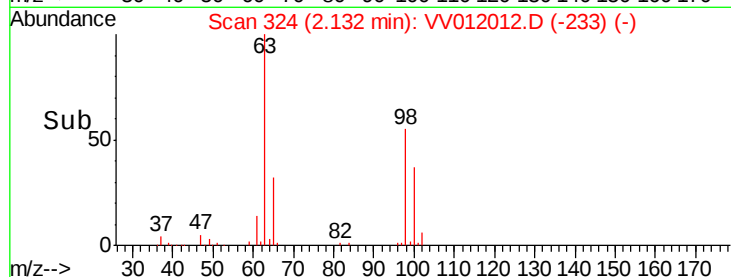
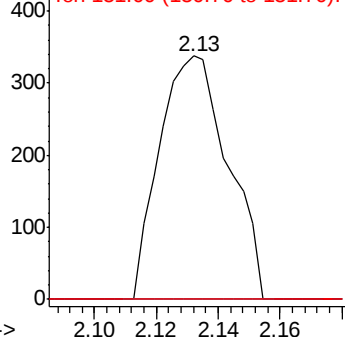
151 0.0 68.3 102.5#



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



#13

Acetone

Concen: 8.990 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV012012.D

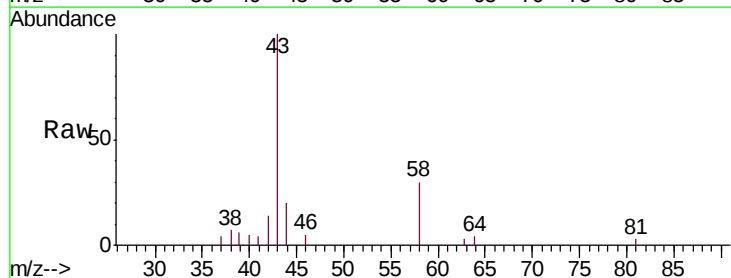
Acq: 24 Jul 2019 15:36

Tgt Ion: 43 Resp: 8910

Ion Ratio Lower Upper

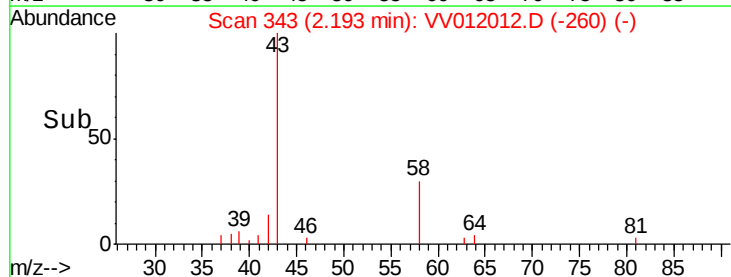
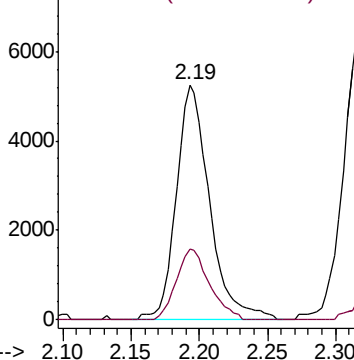
43 100

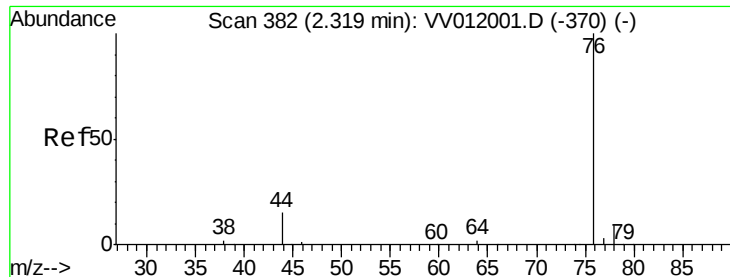
58 29.9 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

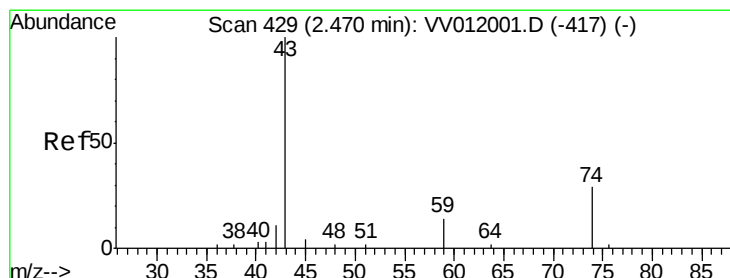
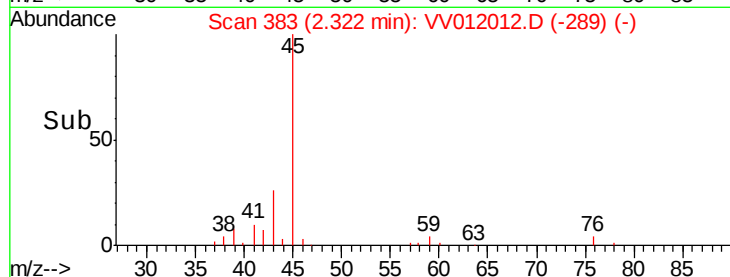
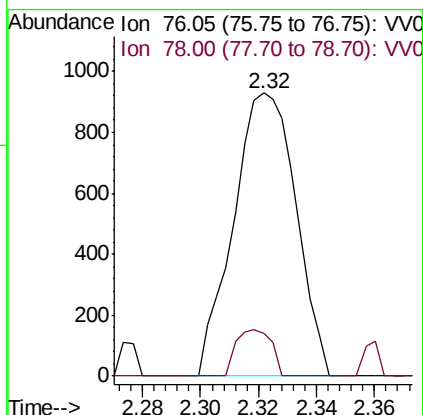
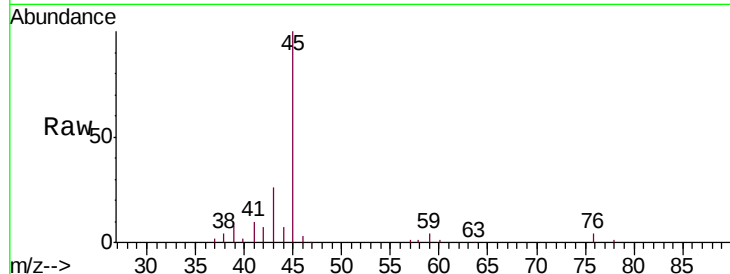




#14
Carbon disulfide
Concen: 0.089 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VV012012.D
Acq: 24 Jul 2019 15:36

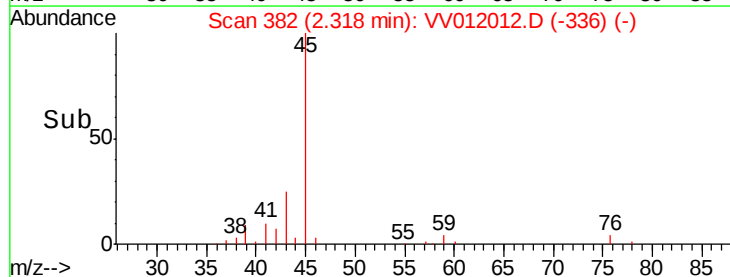
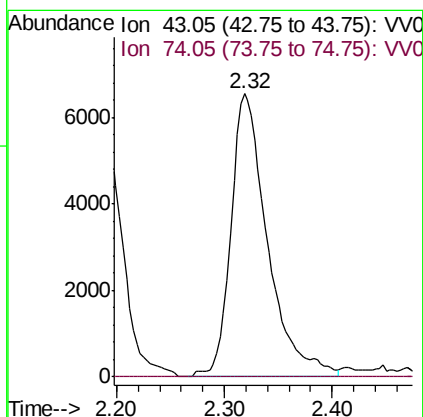
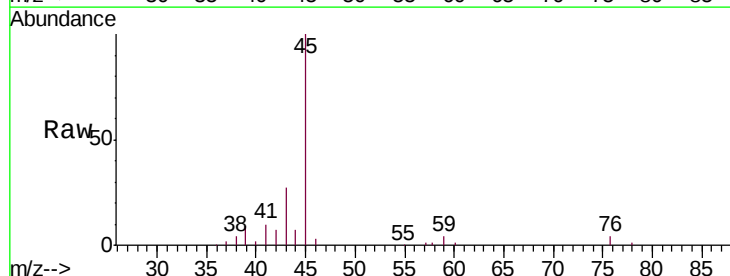
Instrument :
MSVOA_V
ClientSampleId :
F2A02

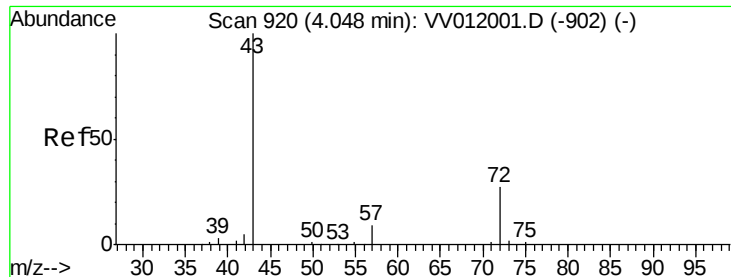
Tgt Ion: 76 Resp: 1392
Ion Ratio Lower Upper
76 100
78 15.0 7.3 10.9#



#15
Methyl Acetate
Concen: 7.172 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.15 min
Lab File: VV012012.D
Acq: 24 Jul 2019 15:36

Tgt Ion: 43 Resp: 15518
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.2#

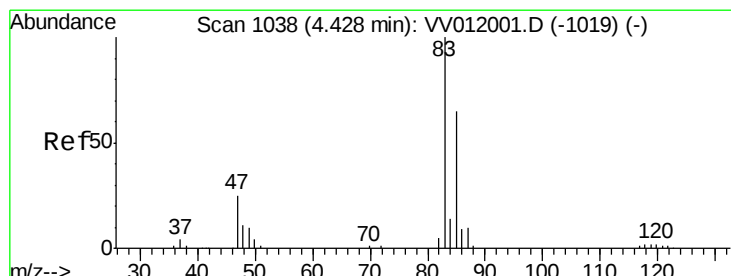
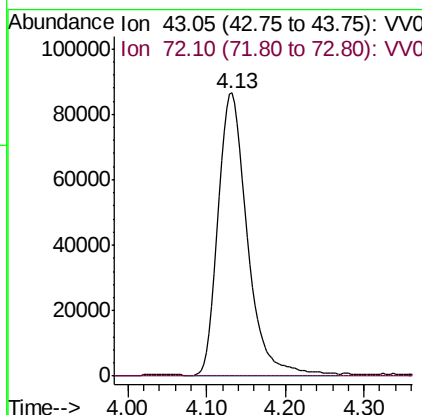
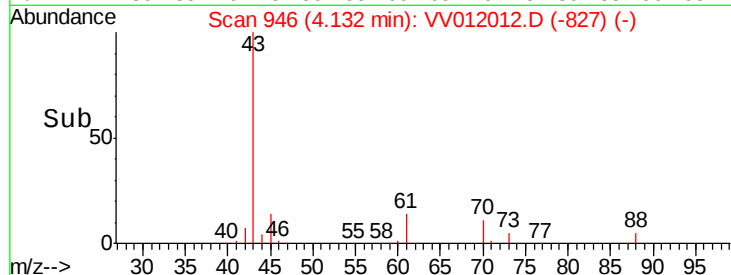
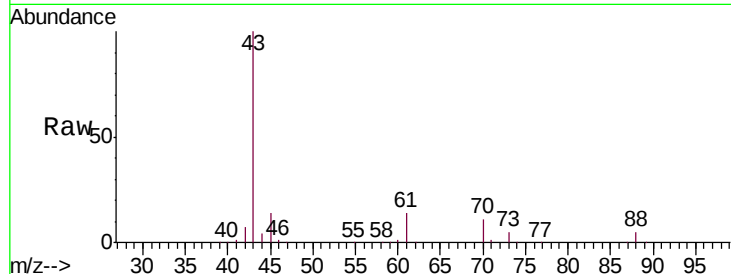




#21
 2-Butanone
 Concen: 116.255 ug/L
 RT: 4.13 min Scan# 946
 Delta R.T. 0.08 min
 Lab File: VV012012.D
 Acq: 24 Jul 2019 15:36

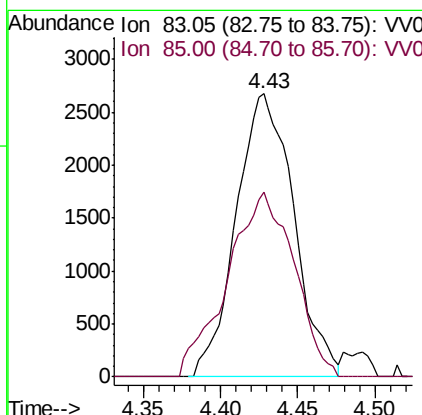
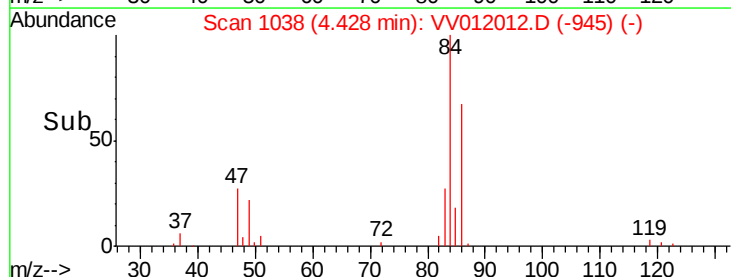
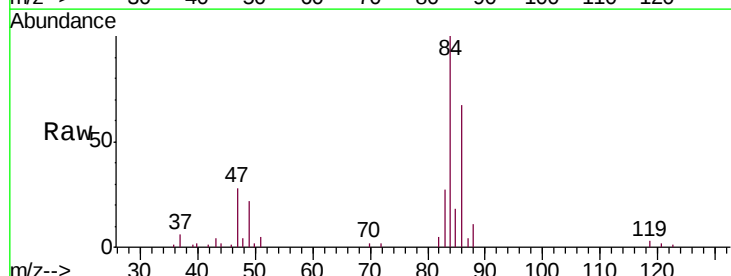
Instrument :
 MSVOA_V
 ClientSampleId :
 F2A02

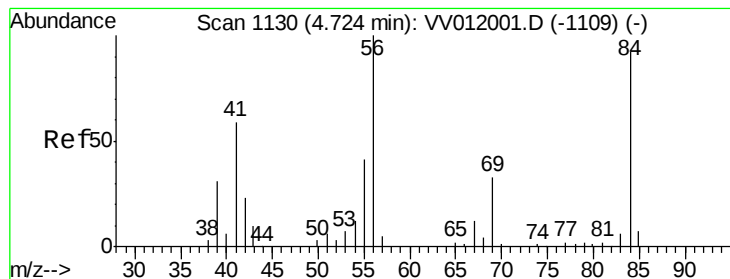
Tgt Ion: 43 Resp: 221021
 Ion Ratio Lower Upper
 43 100
 72 0.1 13.6 40.8#



#25
 Chloroform
 Concen: 0.378 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VV012012.D
 Acq: 24 Jul 2019 15:36

Tgt Ion: 83 Resp: 6919
 Ion Ratio Lower Upper
 83 100
 85 65.5 46.5 86.3





#30

Cyclohexane

Concen: 0.166 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

F2A02

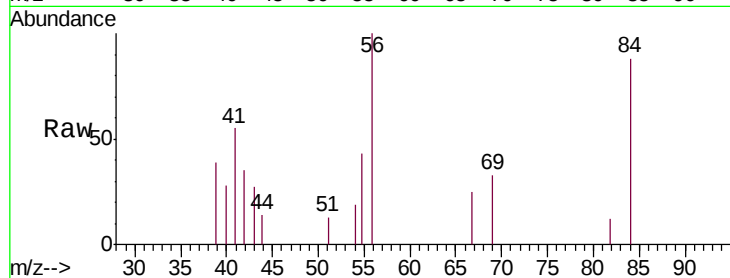
Tgt Ion: 56 Resp: 2320

Ion Ratio Lower Upper

56 100

69 24.0 25.4 38.2#

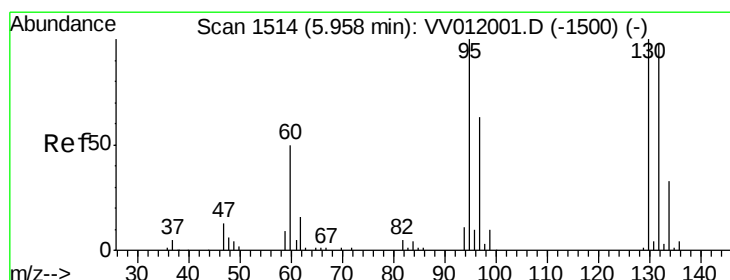
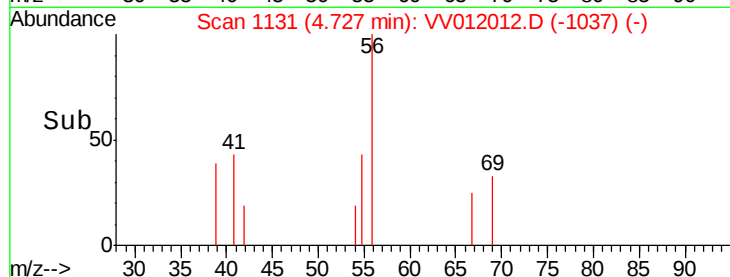
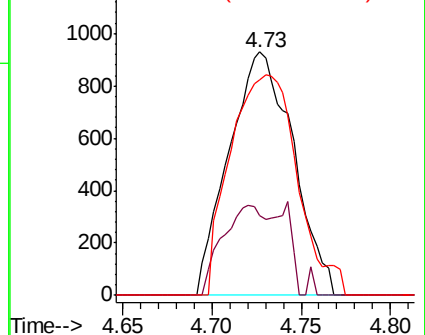
84 95.2 73.4 110.0



Abundance Ion 56.10 (55.80 to 56.80): VV012001.D (-1109) (-)

Ion 69.15 (68.85 to 69.85): VV012001.D (-1109) (-)

Ion 84.15 (83.85 to 84.85): VV012001.D (-1109) (-)



#34

Trichloroethene

Concen: 9.909 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

Tgt Ion: 95 Resp: 93465

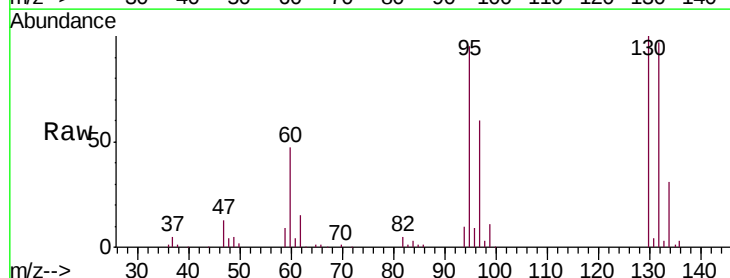
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.6

132 101.8 71.3 132.3

130 105.1 72.8 135.2

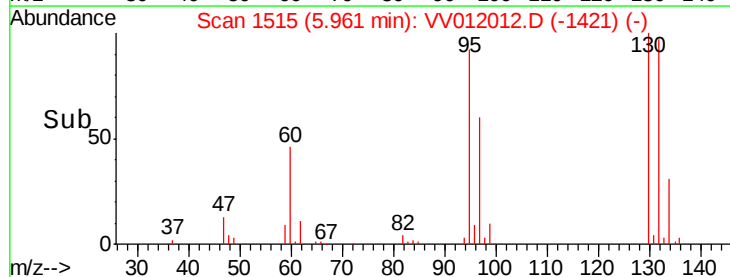
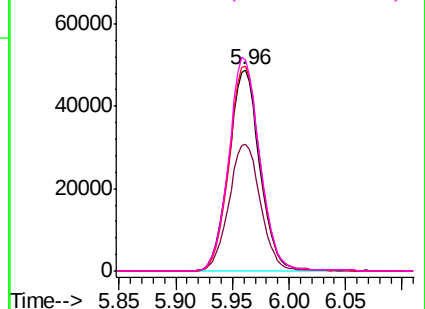


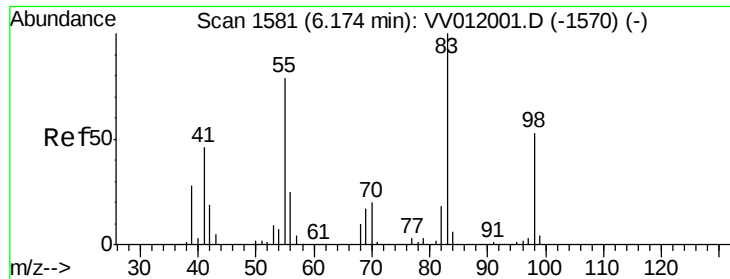
Abundance Ion 95.00 (94.70 to 95.70): VV012001.D (-1500) (-)

Ion 96.95 (96.65 to 97.65): VV012001.D (-1500) (-)

Ion 131.95 (131.65 to 132.65): VV012001.D (-1500) (-)

Ion 129.95 (129.65 to 130.65): VV012001.D (-1500) (-)

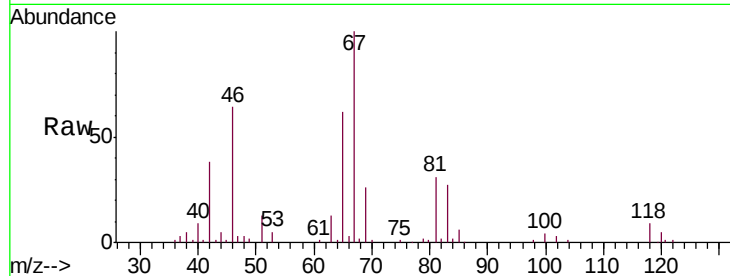




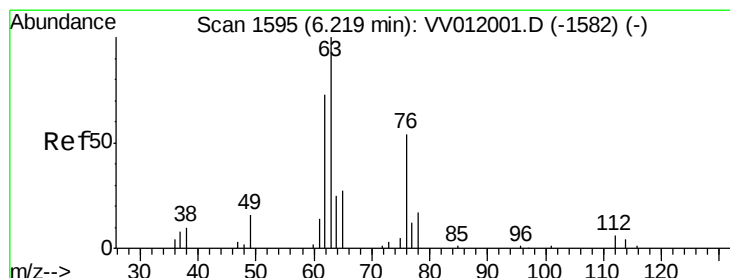
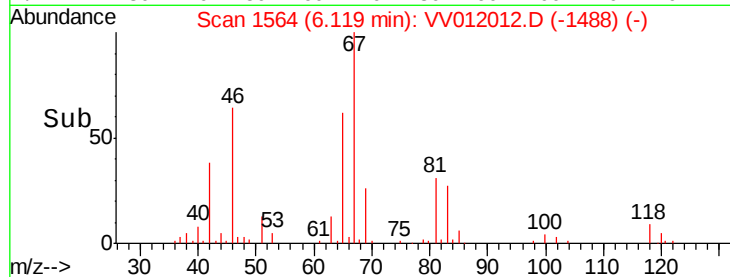
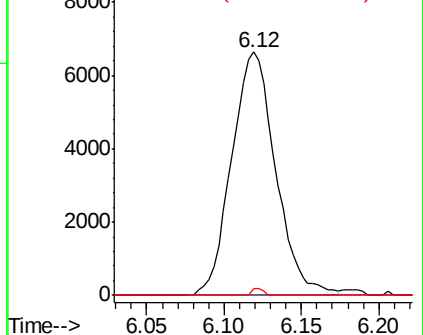
#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012012.D
Acq: 24 Jul 2019 15:36

Instrument :
MSVOA_V
ClientSampleId :
F2A02

Tgt Ion: 83 Resp: 13122
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.0 41.4 62.0#

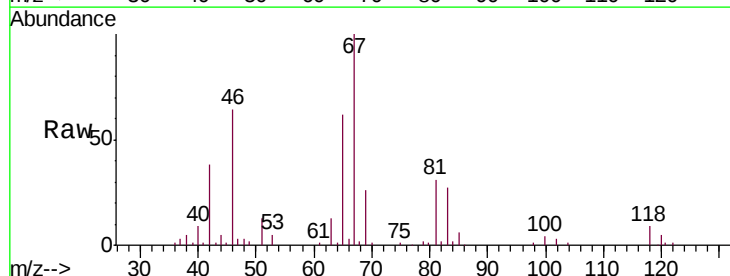


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

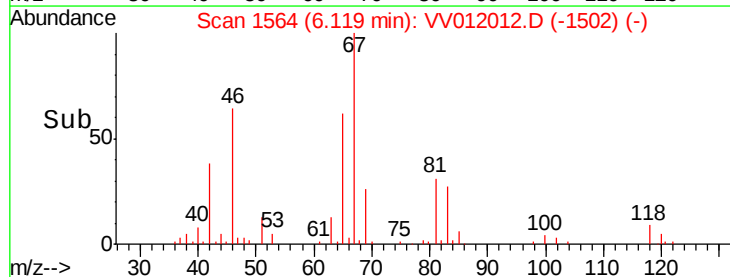
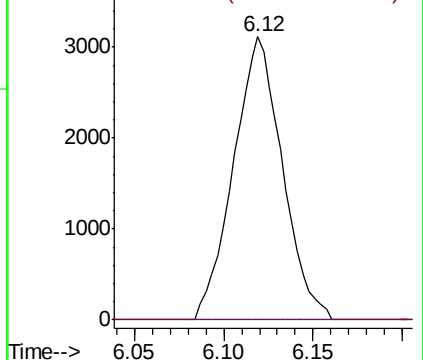


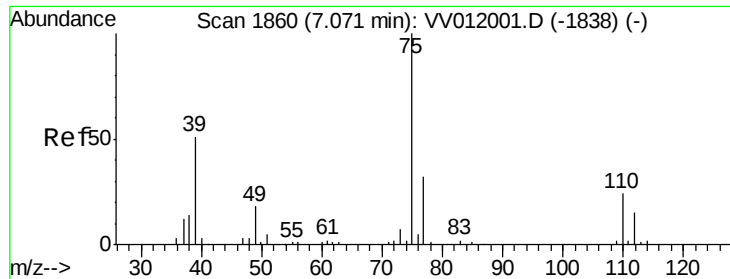
#37
1,2-Dichloropropane
Concen: 0.729 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012012.D
Acq: 24 Jul 2019 15:36

Tgt Ion: 63 Resp: 5954
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

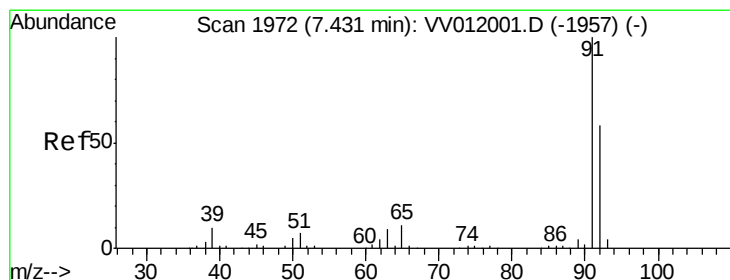
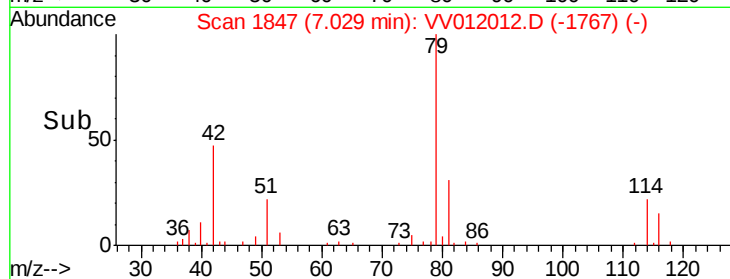
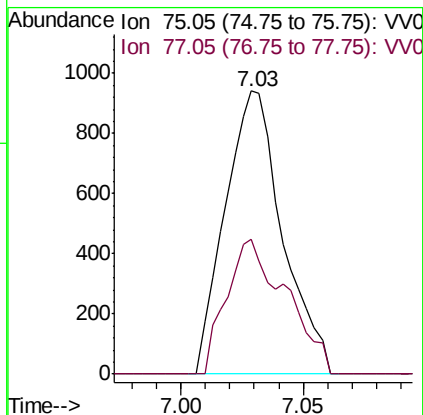
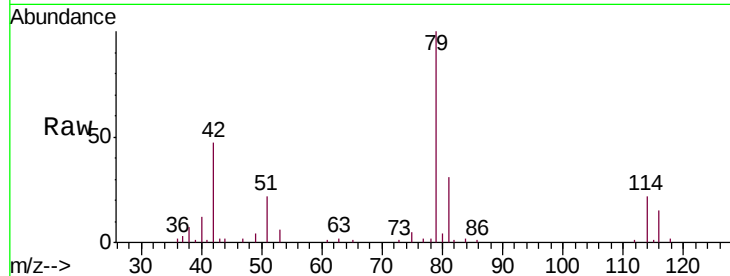




#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012012.D
 Acq: 24 Jul 2019 15:36

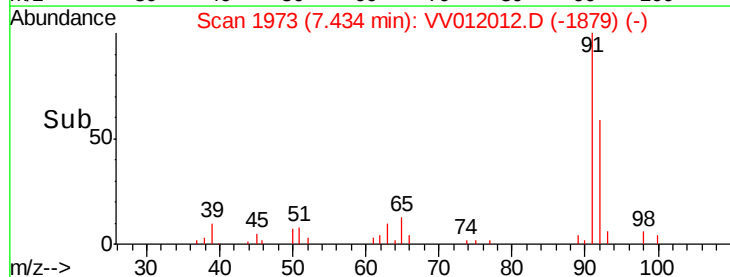
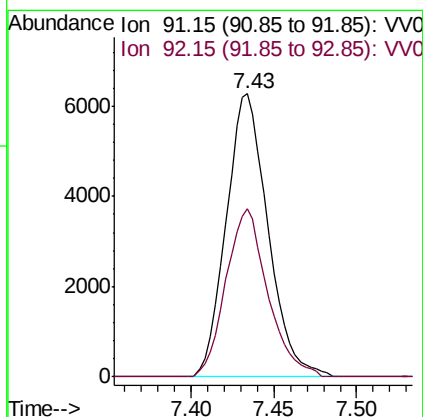
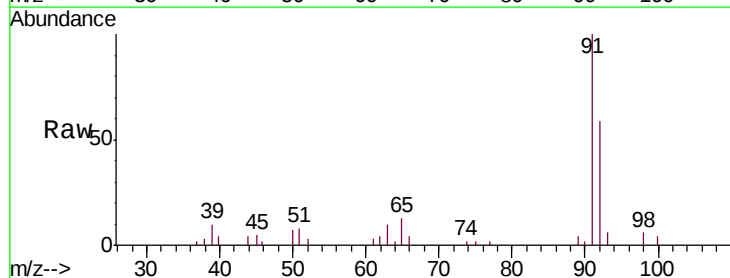
Instrument :
 MSVOA_V
 ClientSampleID :
 F2A02

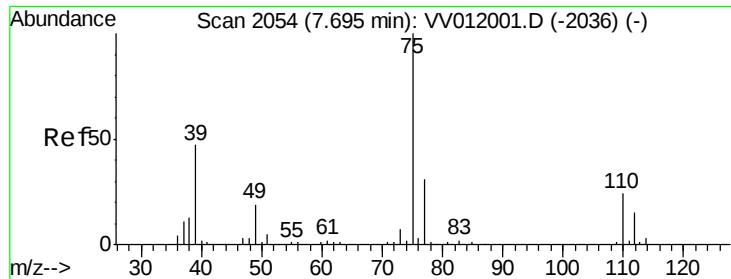
Tgt Ion: 75 Resp: 1536
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.3 39.6#



#42
 Toluene
 Concen: 0.302 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV012012.D
 Acq: 24 Jul 2019 15:36

Tgt Ion: 91 Resp: 11008
 Ion Ratio Lower Upper
 91 100
 92 59.4 41.9 77.9





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV012012.D

Acq: 24 Jul 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

F2A02

Tgt Ion: 75 Resp: 835

Ion Ratio Lower Upper

75 100

77 44.8 22.0 40.8#

