

Data File : VV012375.D
Acq On : 23 Aug 2019 20:28
Operator : SY/MD
Sample : K4500-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANJ7

Quant Time: Aug 26 08:03:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	253497	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	252216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70065	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	49862	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	89530	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.94	46	129467	37.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.84%
24) Chloroform-d	4.40	84	128046	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	71978	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	288718	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	91853	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	239462	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.66	79	29444	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.13	63	83775	38.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52713	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	84599	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

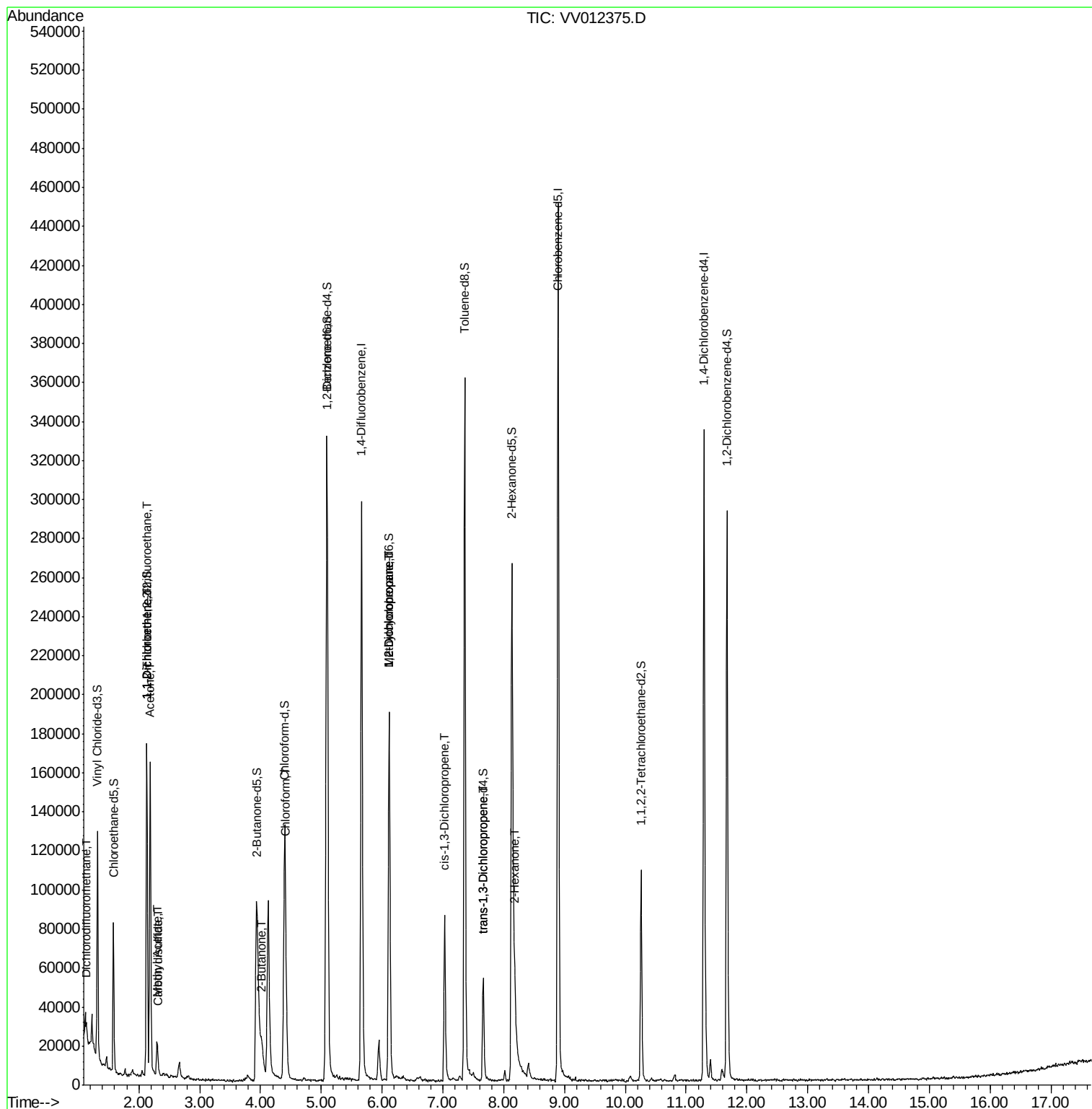
						Qvalue
2) Dichlorodifluoromethane	1.14	85	4483	0.207	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	943	0.084	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	857	0.084	ug/L #	1
13) Acetone	2.19	43	154843	104.825	ug/L	96
14) Carbon disulfide	2.32	76	1722	0.054	ug/L #	87
15) Methyl Acetate	2.30	43	4707	1.266	ug/L #	49
21) 2-Butanone	4.02	43	26560	7.655	ug/L	99
25) Chloroform	4.42	83	16938	0.540	ug/L	99
35) Methylcyclohexane	6.12	83	21471	0.788	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10280	0.631	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	2032	0.093	ug/L #	49
44) trans-1,3-Dichloropropene	7.66	75	1578	0.095	ug/L	88
48) 2-Hexanone	8.18	43	24656	3.914	ug/L #	74

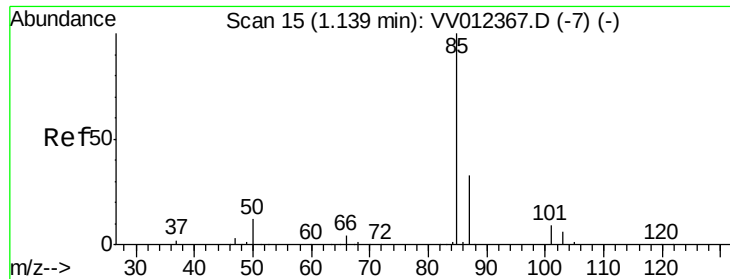
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.207 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012375.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

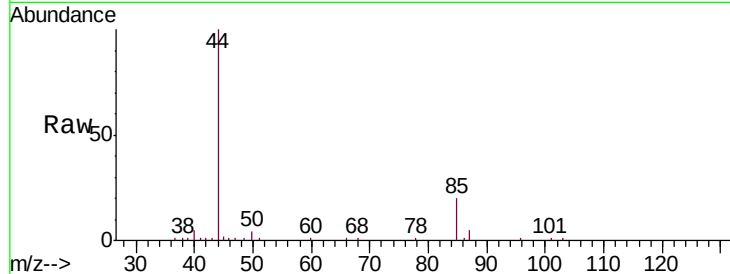
GANJ7

Tgt Ion: 85 Resp: 4483

Ion Ratio Lower Upper

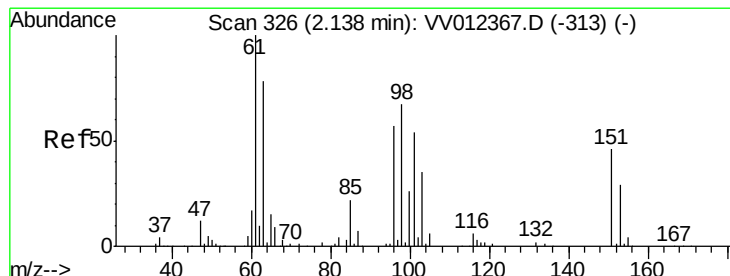
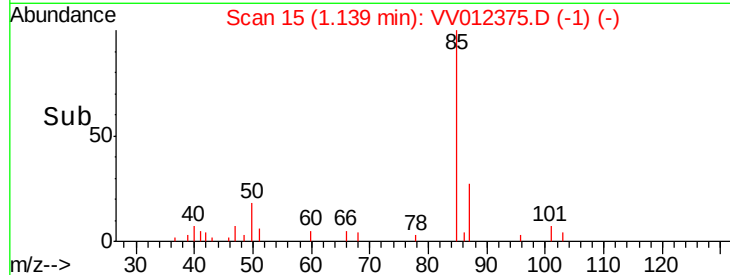
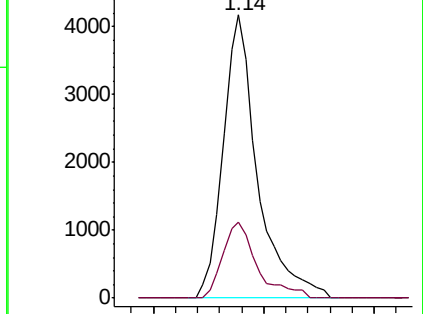
85 100

87 26.8 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VV012367.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV012367.D (-7) (-)



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012375.D

Acq: 23 Aug 2019 20:28

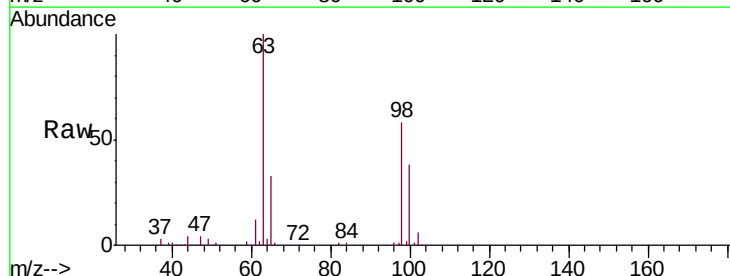
Tgt Ion: 101 Resp: 943

Ion Ratio Lower Upper

101 100

85 2.0 34.6 51.8#

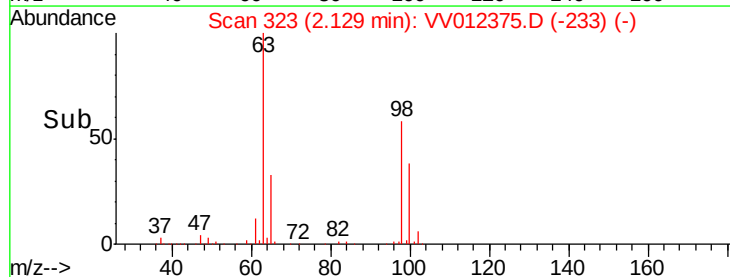
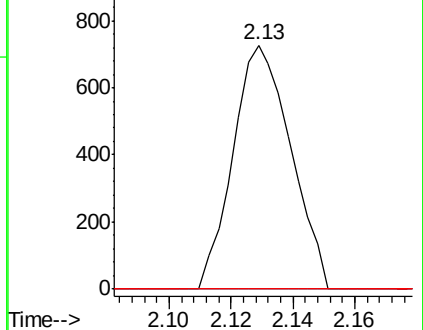
151 0.0 71.2 106.8#

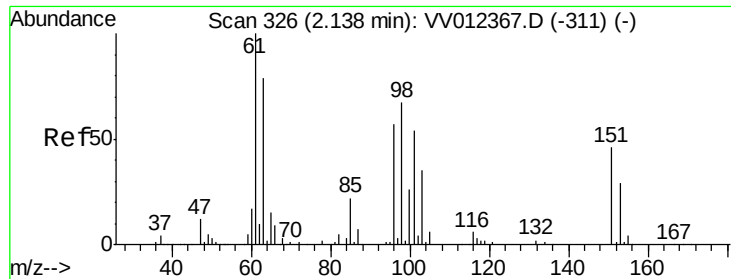


Abundance Ion 101.00 (100.70 to 101.70): VV012367.D (-313) (-)

Ion 85.00 (84.70 to 85.70): VV012367.D (-313) (-)

Ion 151.00 (150.70 to 151.70): VV012367.D (-313) (-)

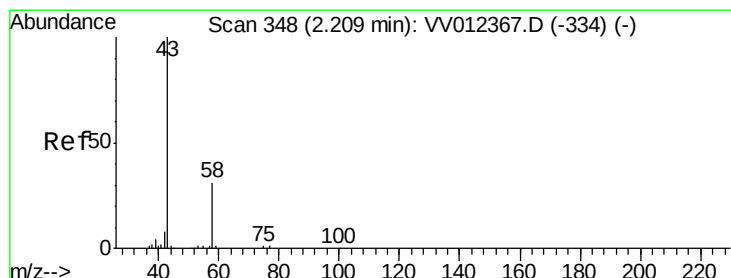
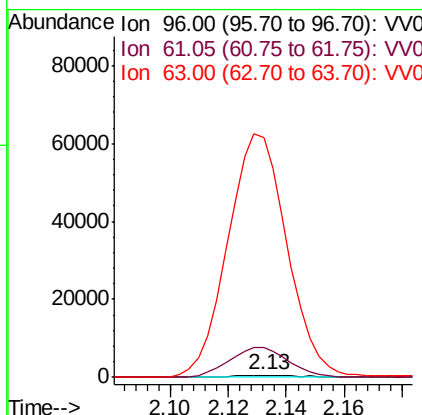
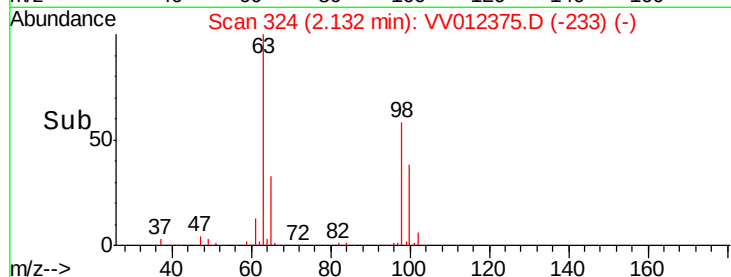
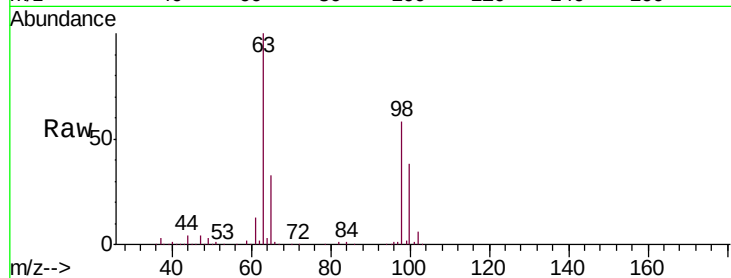




#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012375.D
 Acq: 23 Aug 2019 20:28

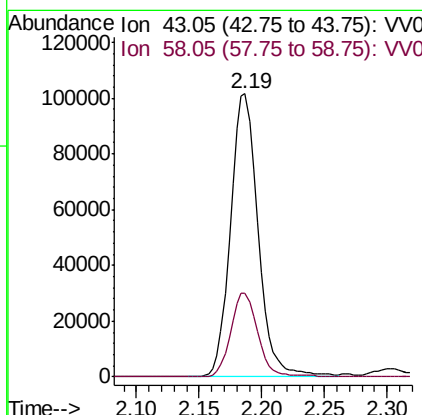
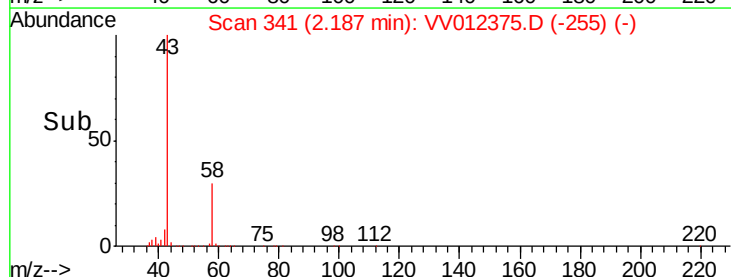
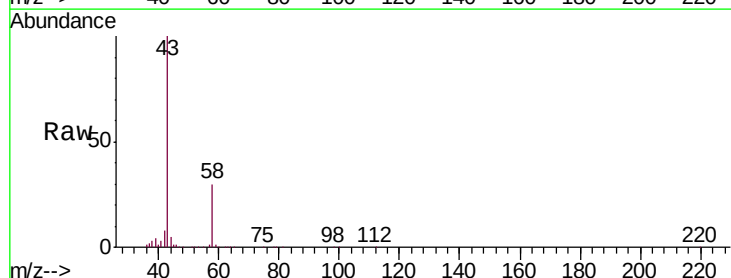
Instrument :
 MSVOA_V
 ClientSampleId :
 GANJ7

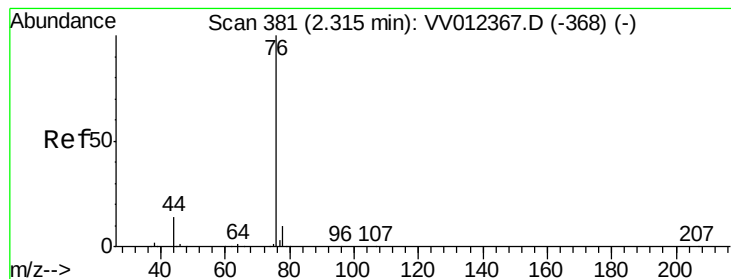
Tgt Ion: 96 Resp: 857
 Ion Ratio Lower Upper
 96 100
 61 1552.0 122.3 227.1#
 63 12302.4 90.6 168.2#



#13
 Acetone
 Concen: 104.825 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VV012375.D
 Acq: 23 Aug 2019 20:28

Tgt Ion: 43 Resp: 154843
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 62.8





#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012375.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_V

ClientSampled :

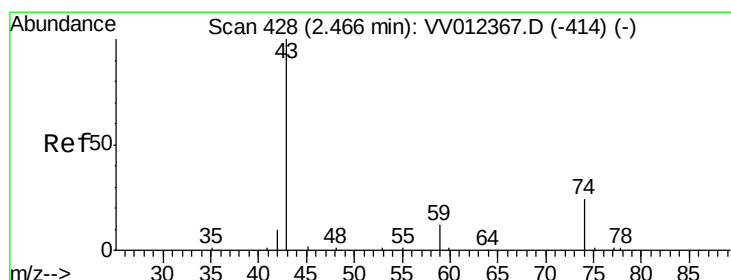
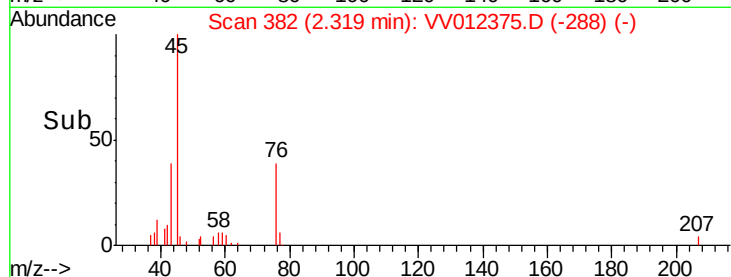
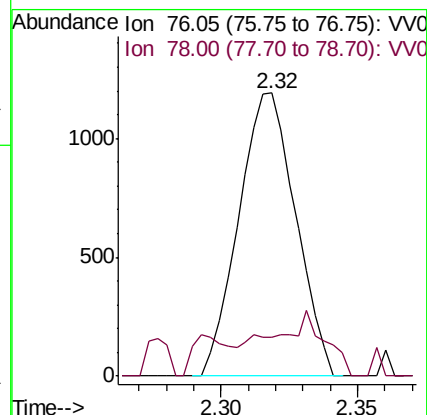
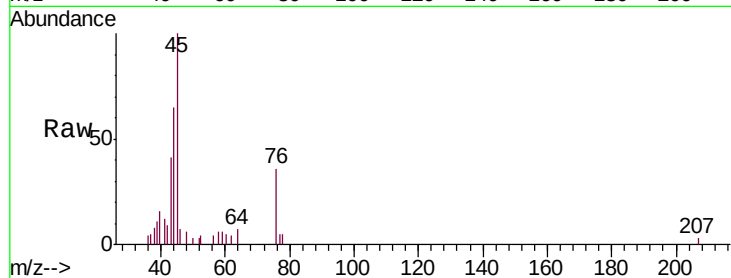
GANJ7

Tgt Ion: 76 Resp: 1722

Ion Ratio Lower Upper

76 100

78 13.9 7.3 10.9#



#15

Methyl Acetate

Concen: 1.266 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.16 min

Lab File: VV012375.D

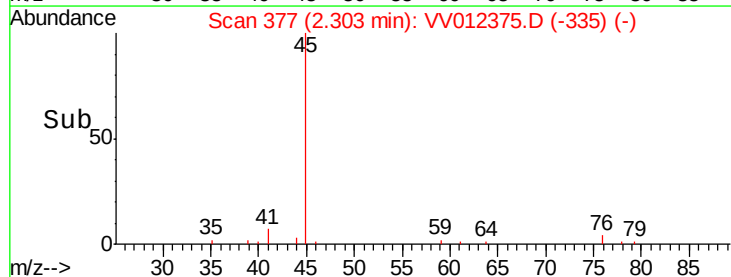
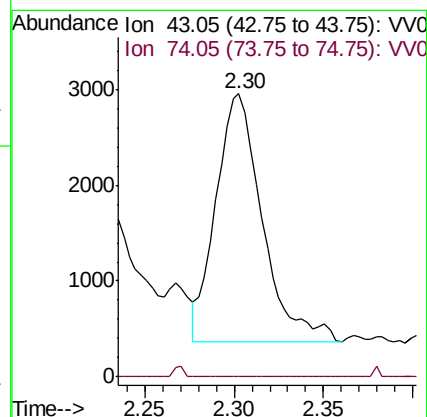
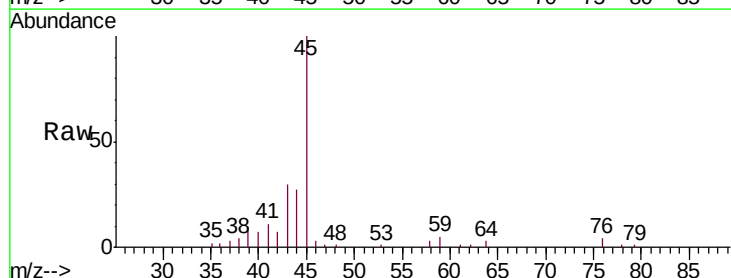
Acq: 23 Aug 2019 20:28

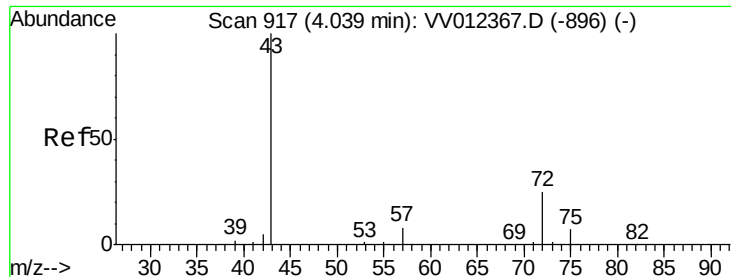
Tgt Ion: 43 Resp: 4707

Ion Ratio Lower Upper

43 100

74 0.9 21.8 32.6#





#21

2-Butanone

Concen: 7.655 ug/L

RT: 4.02 min Scan# 912

Delta R.T. -0.02 min

Lab File: VV012375.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_V

ClientSampled :

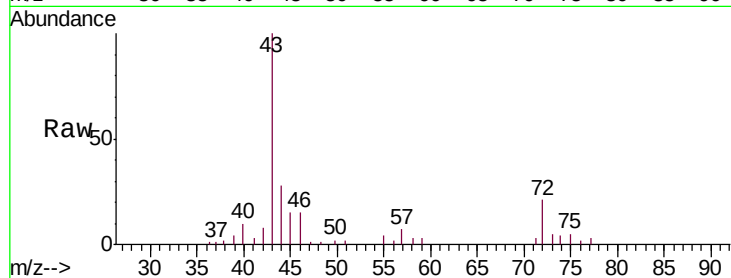
GANJ7

Tgt Ion: 43 Resp: 26560

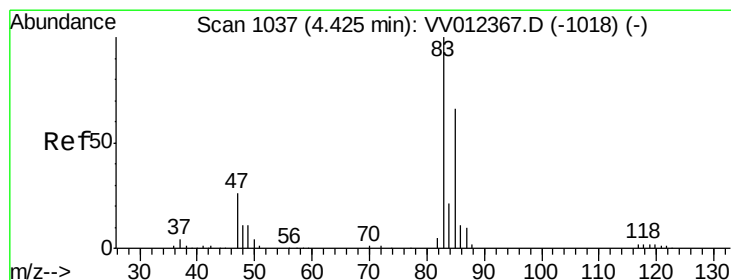
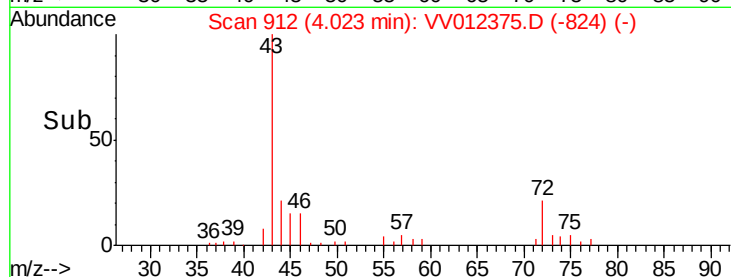
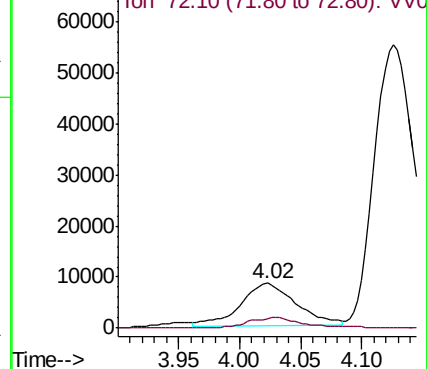
Ion Ratio Lower Upper

43 100

72 23.7 12.2 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV012367.D (-896) (-)



#25

Chloroform

Concen: 0.540 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV012375.D

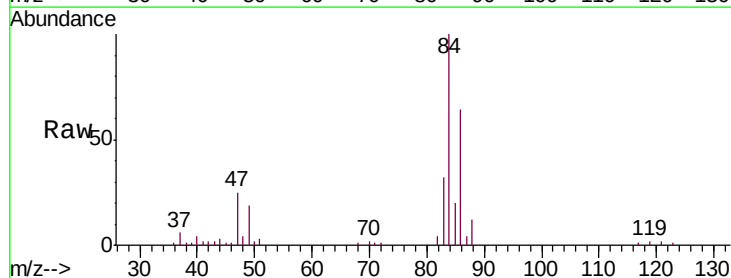
Acq: 23 Aug 2019 20:28

Tgt Ion: 83 Resp: 16938

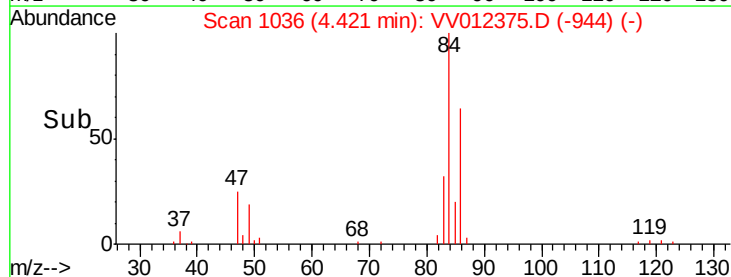
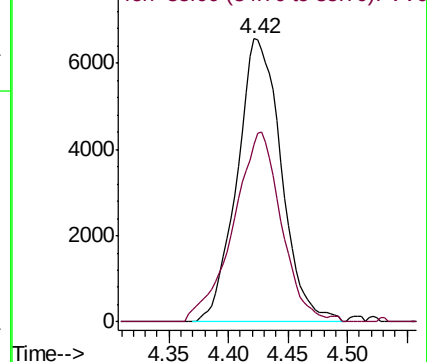
Ion Ratio Lower Upper

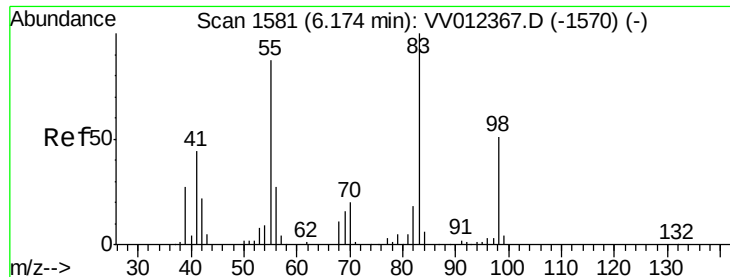
83 100

85 62.7 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV012367.D (-1018) (-)

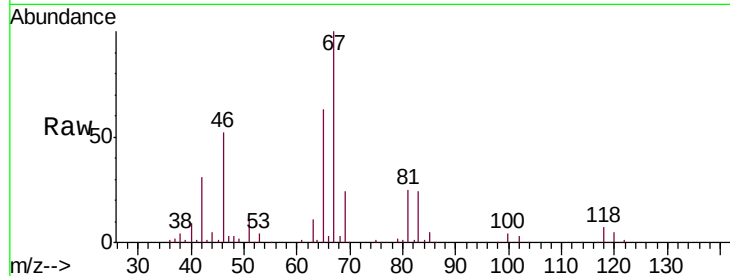




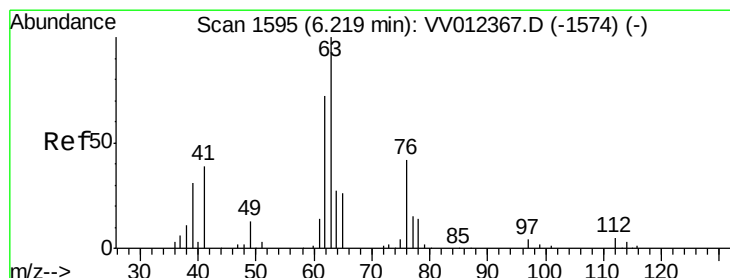
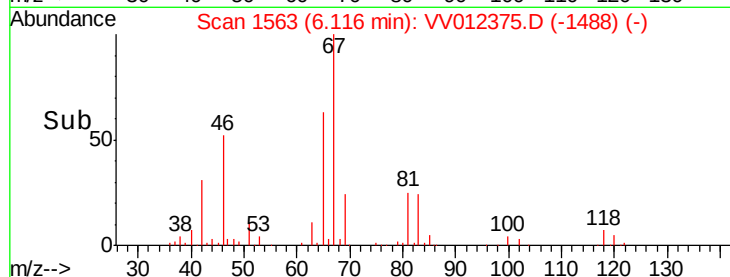
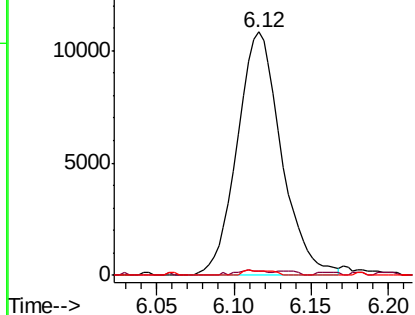
#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012375.D
Acq: 23 Aug 2019 20:28

Instrument :
MSVOA_V
ClientSampleId :
GANJ7

Tgt Ion: 83 Resp: 21471
Ion Ratio Lower Upper
83 100
55 1.3 64.6 97.0#
98 1.4 39.0 58.4#

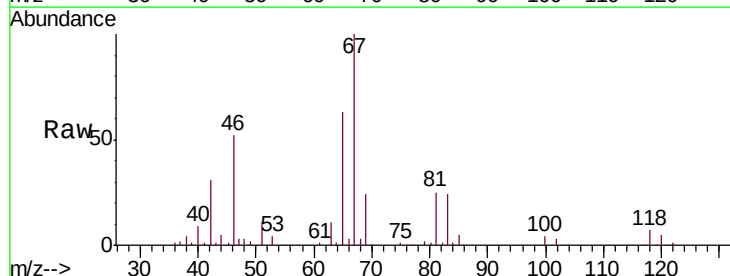


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

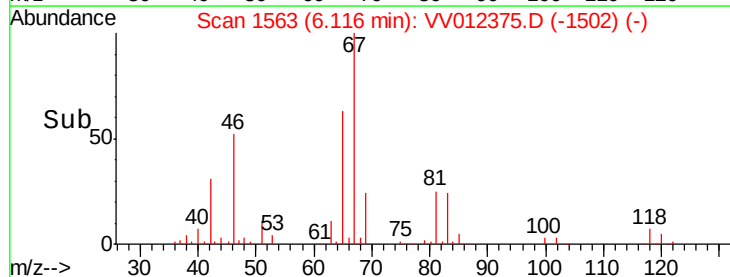
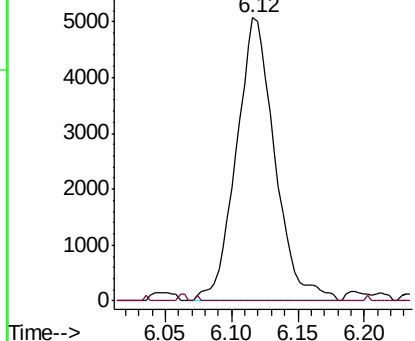


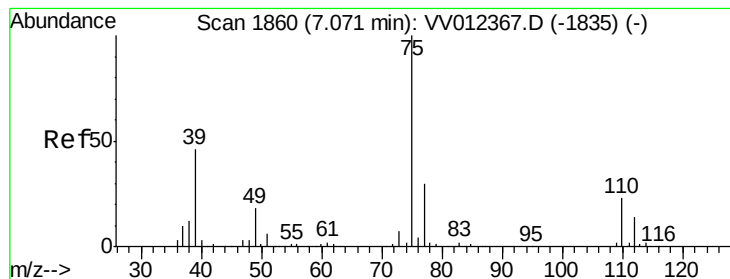
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012375.D
Acq: 23 Aug 2019 20:28

Tgt Ion: 63 Resp: 10280
Ion Ratio Lower Upper
63 100
112 0.2 4.2 6.2#



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



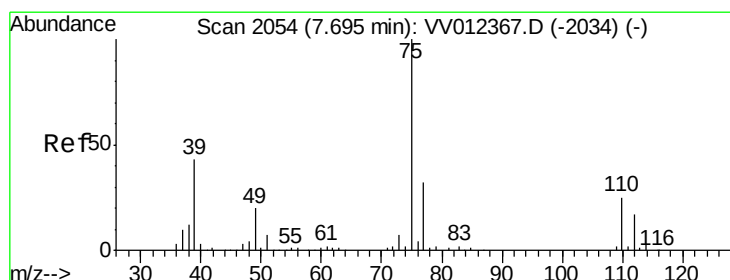
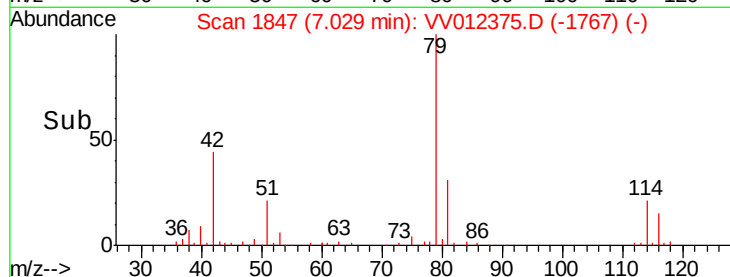
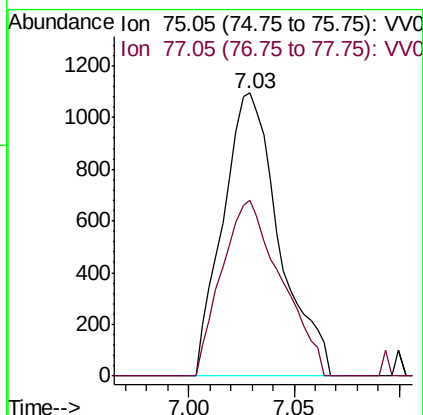
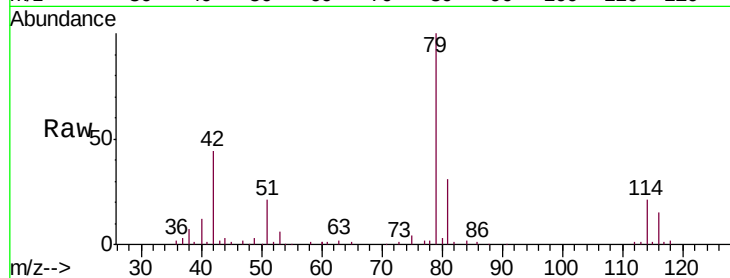


#39

cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012375.D
Acq: 23 Aug 2019 20:28

Instrument :
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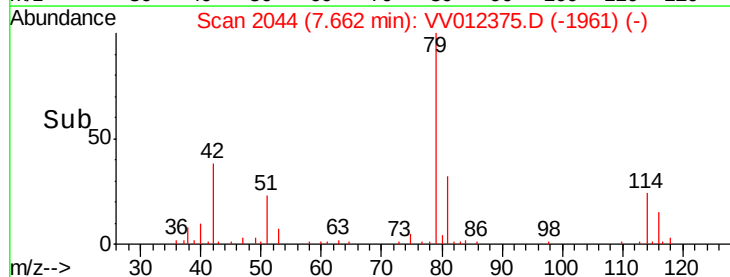
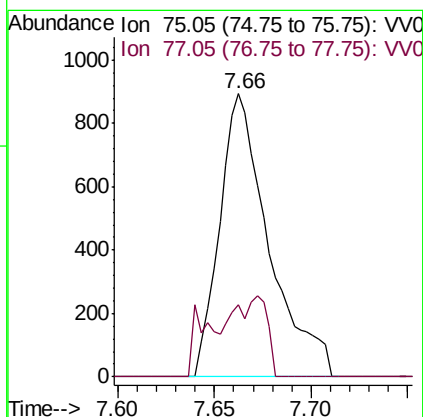
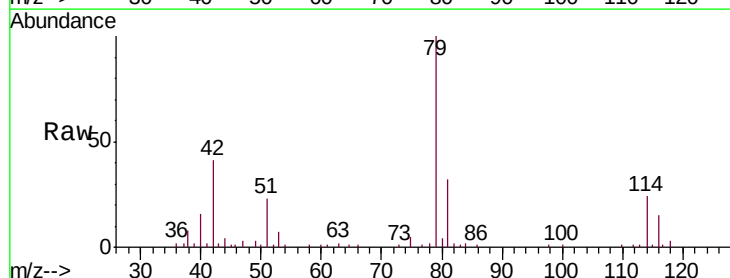
Tgt Ion: 75 Resp: 2032
Ion Ratio Lower Upper
75 100
77 62.2 23.2 43.2#

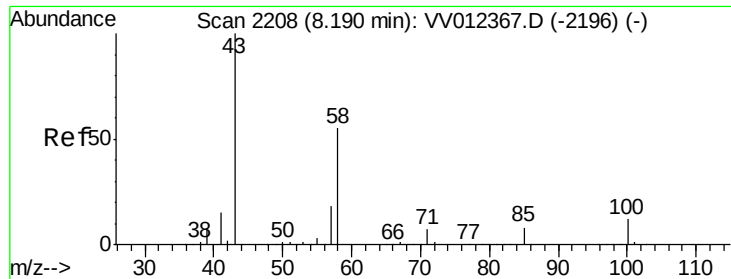


#44

trans-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012375.D
Acq: 23 Aug 2019 20:28

Tgt Ion: 75 Resp: 1578
Ion Ratio Lower Upper
75 100
77 25.3 22.6 42.0





#48

2-Hexanone

Concen: 3.914 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.01 min

Lab File: VV012375.D

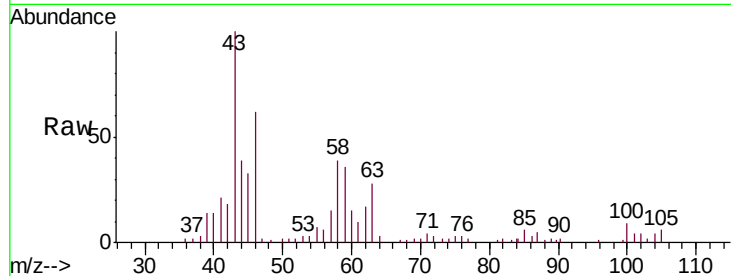
Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

GANJ7



Tgt Ion: 43 Resp: 24656

Ion Ratio Lower Upper

43 100

58 32.9 46.3 69.5#

57 14.8 14.9 22.3#

100 7.1 9.7 14.5#

