

Data File : VV012401.D
Acq On : 26 Aug 2019 14:28
Operator : SY/MD
Sample : K4500-09DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK3DL

Quant Time: Aug 27 02:24:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231341	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	224953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46248	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	37415	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.13	63	67822	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.97	46	155754	49.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.40	84	122029	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	59915	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	242780	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	76445	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	198505	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.66	79	25176	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.14	63	76694	39.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44269	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	68379	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

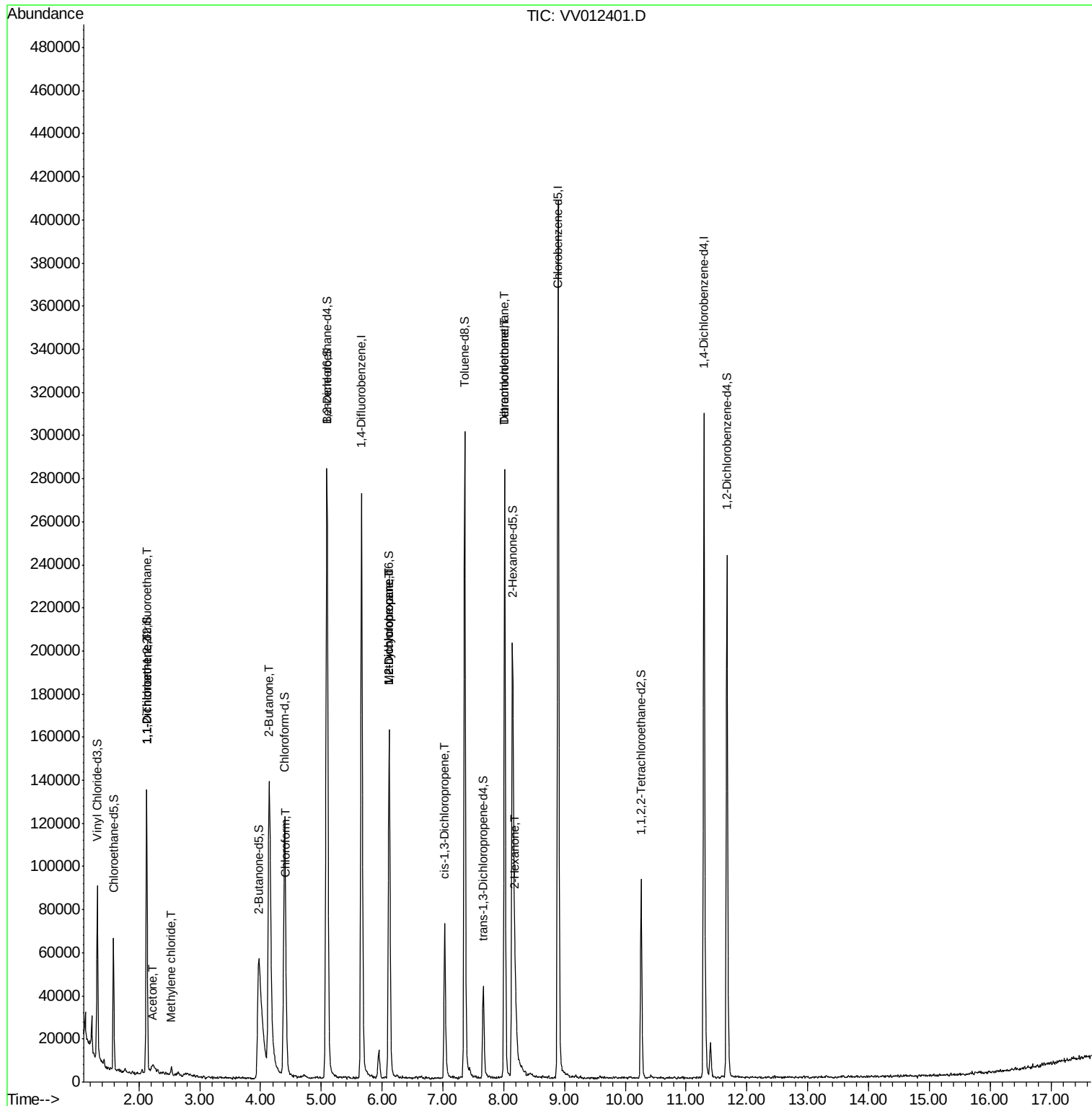
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	737	0.072	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	655	0.071	ug/L #	1
13) Acetone	2.23	43	9798	7.268	ug/L	84
16) Methylene chloride	2.53	84	1237	0.120	ug/L	80
21) 2-Butanone	4.14	43	265006	83.698	ug/L #	51
25) Chloroform	4.42	83	6831	0.239	ug/L	100
35) Methylcyclohexane	6.12	83	18286	0.752	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8789	0.605	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1839	0.094	ug/L #	50
47) Tetrachloroethene	8.02	164	63836	5.110	ug/L	97
48) 2-Hexanone	8.19	43	18993	3.381	ug/L #	72
49) Dibromochloromethane	8.02	129	54474	4.827	ug/L #	11

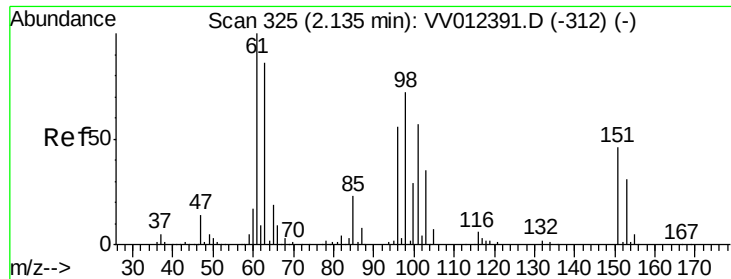
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012401.D

Acq: 26 Aug 2019 14:28

Instrument :

MSVOA_V

ClientSampleId :

GANK3DL

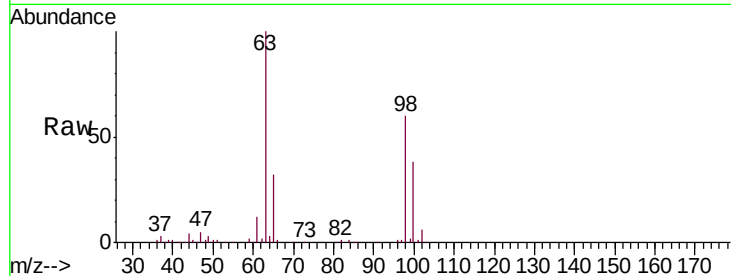
Tgt Ion: 101 Resp: 737

Ion Ratio Lower Upper

101 100

85 6.0 34.6 51.8#

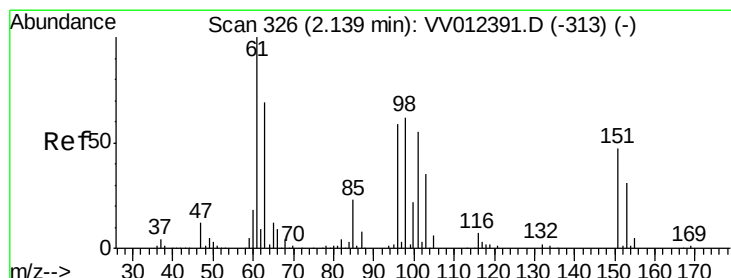
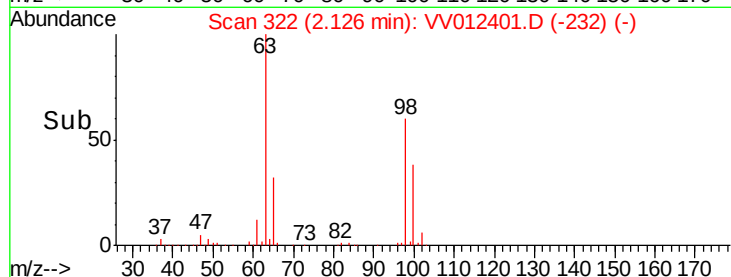
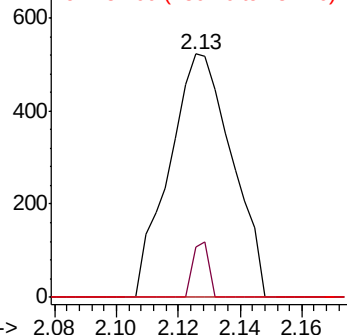
151 0.0 71.2 106.8#



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



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012401.D

Acq: 26 Aug 2019 14:28

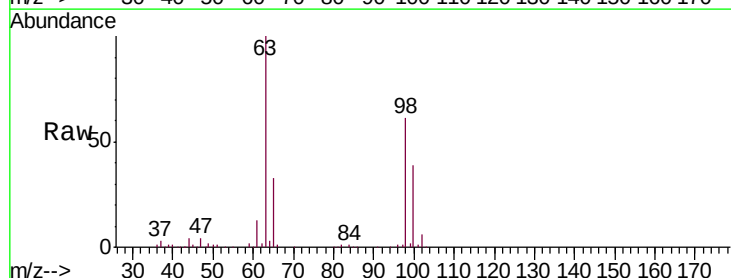
Tgt Ion: 96 Resp: 655

Ion Ratio Lower Upper

96 100

61 1286.0 122.3 227.1#

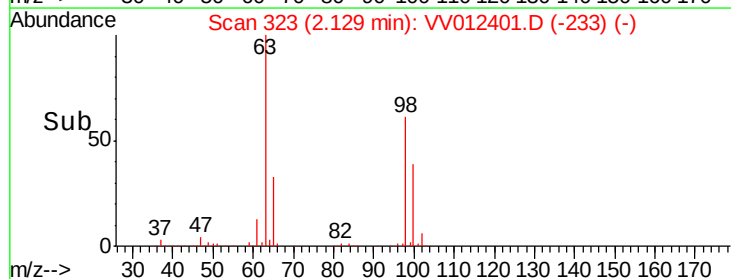
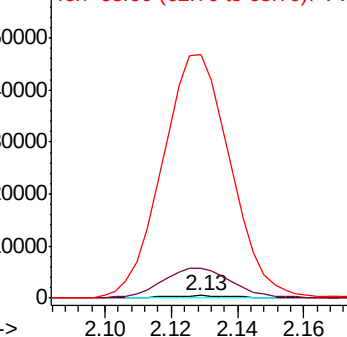
63 10266.7 90.6 168.2#

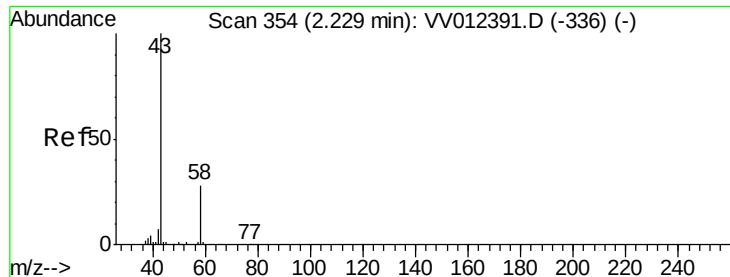


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 7.268 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

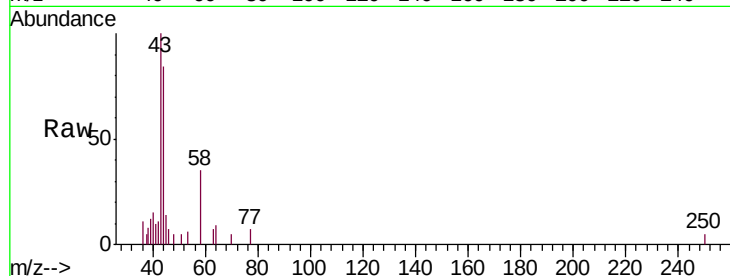
GANK3DL

Tgt Ion: 43 Resp: 9798

Ion Ratio Lower Upper

43 100

58 22.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.23

2500

2000

1500

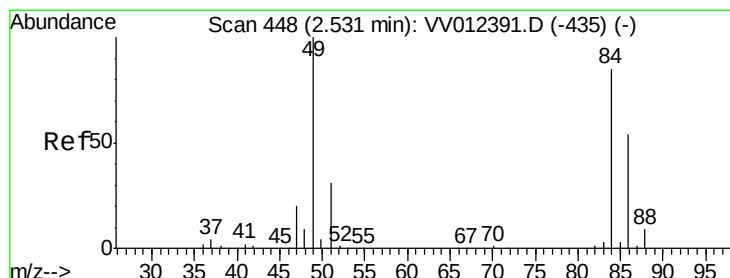
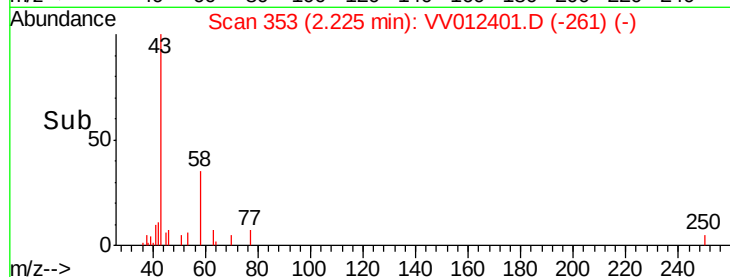
1000

500

0

Time-->

2.10 2.20 2.30



#16

Methylene chloride

Concen: 0.120 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012401.D

Acq: 26 Aug 2019 14:28

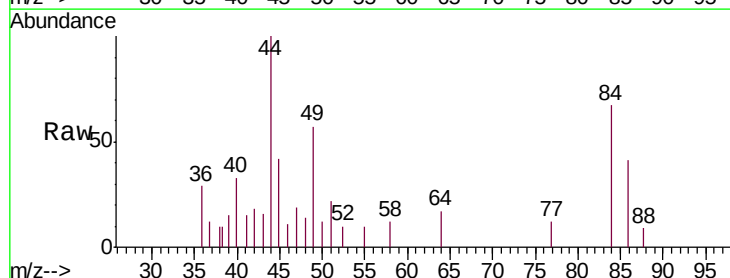
Tgt Ion: 84 Resp: 1237

Ion Ratio Lower Upper

84 100

86 61.4 44.9 83.5

49 83.9 81.1 150.7



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.53

1000

800

600

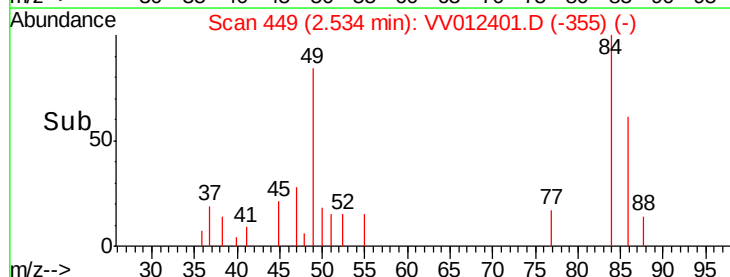
400

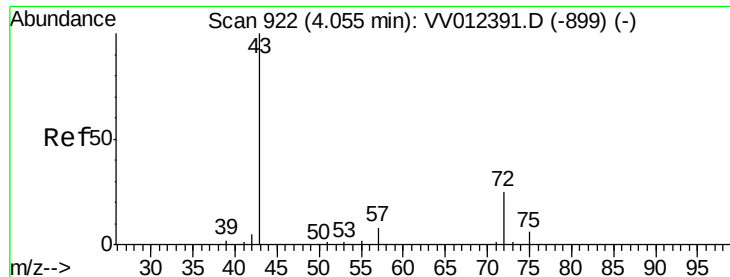
200

0

Time-->

2.50 2.55





#21

2-Butanone

Concen: 83.698 ug/L

RT: 4.14 min Scan# 950

Delta R.T. 0.09 min

Lab File: VV012401.D

Acq: 26 Aug 2019 14:28

Instrument :

MSVOA_V

ClientSampleId :

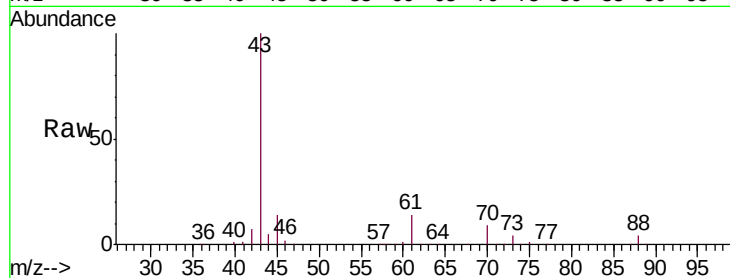
GANK3DL

Tgt Ion: 43 Resp: 265006

Ion Ratio Lower Upper

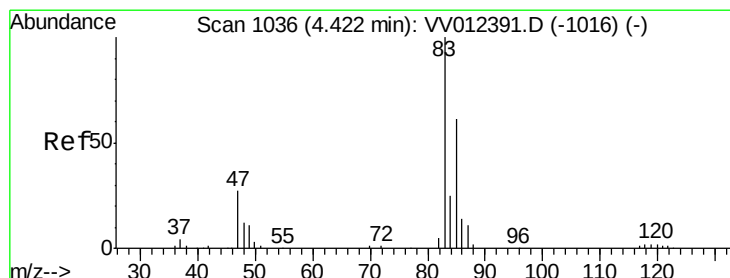
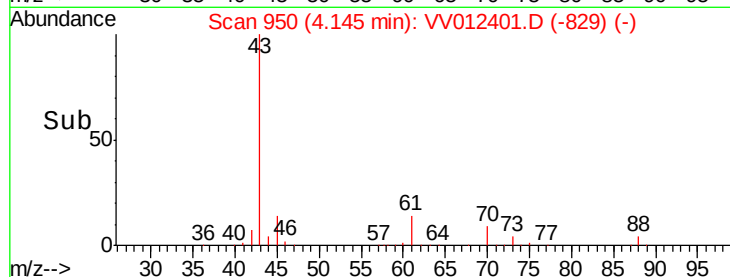
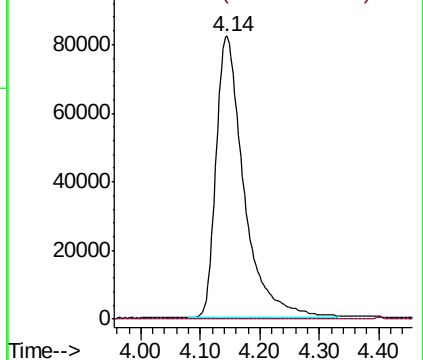
43 100

72 0.0 12.2 36.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.239 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012401.D

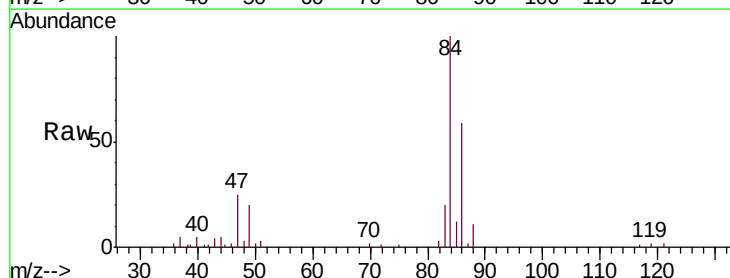
Acq: 26 Aug 2019 14:28

Tgt Ion: 83 Resp: 6831

Ion Ratio Lower Upper

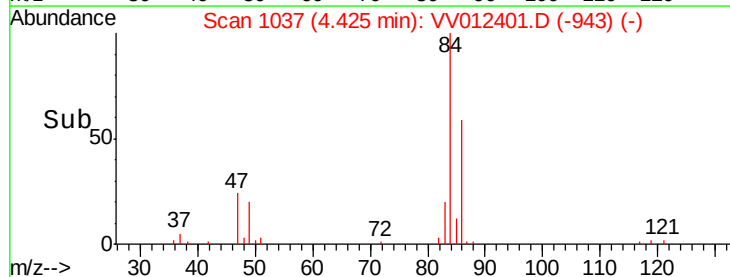
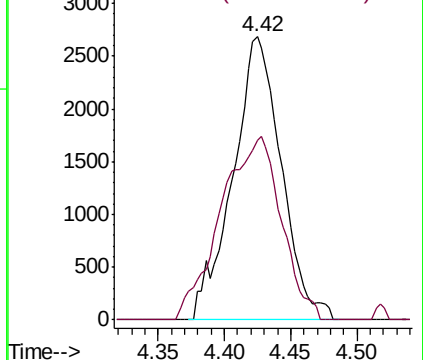
83 100

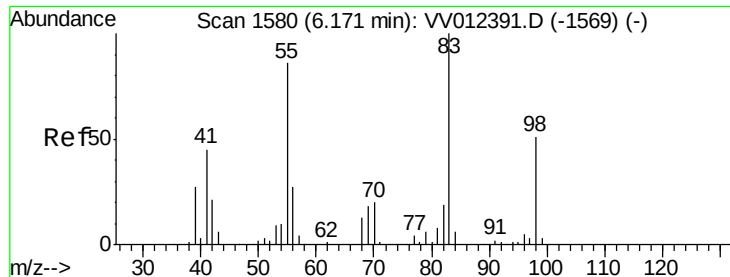
85 63.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

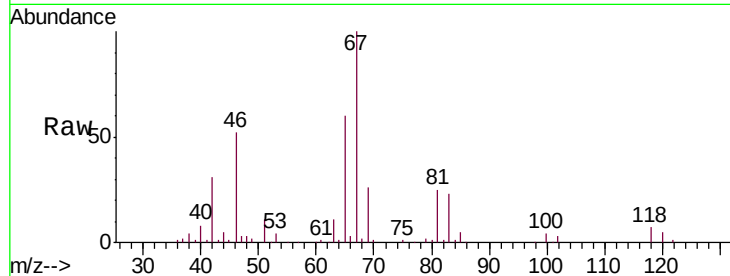




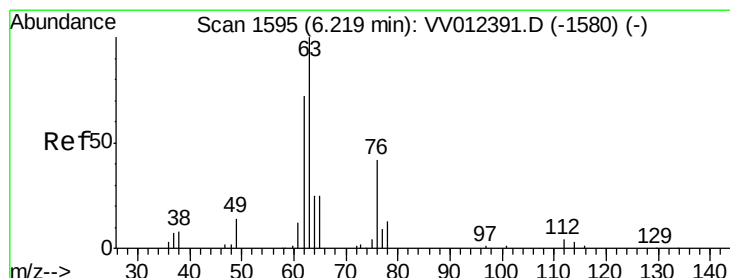
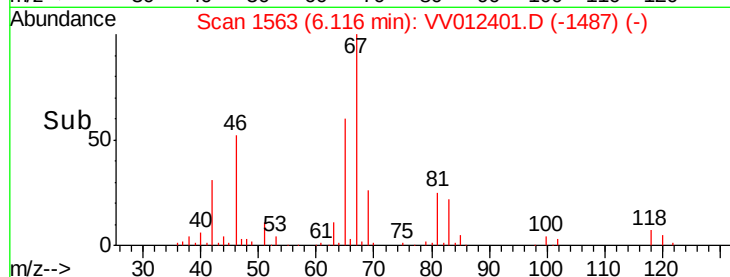
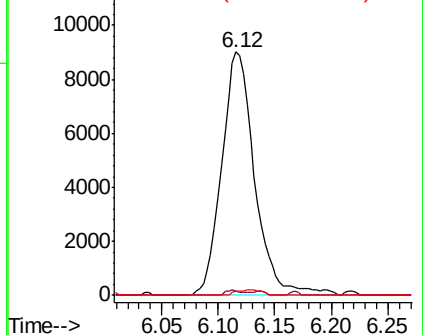
#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012401.D
Acq: 26 Aug 2019 14:28

Instrument :
MSVOA_V
ClientSampleId :
GANK3DL

Tgt Ion: 83 Resp: 18286
Ion Ratio Lower Upper
83 100
55 1.1 64.6 97.0#
98 0.0 39.0 58.4#

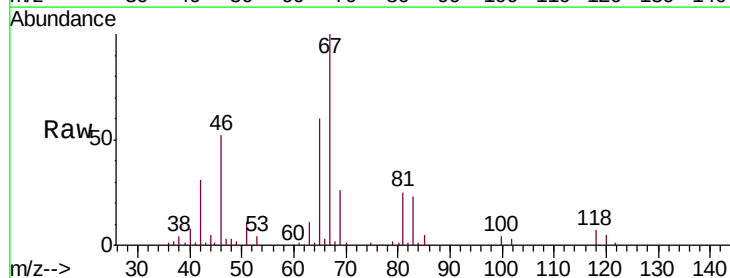


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

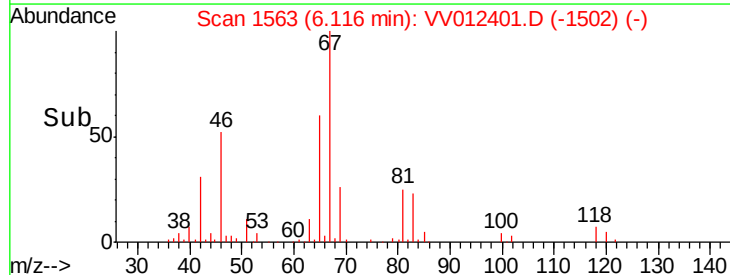
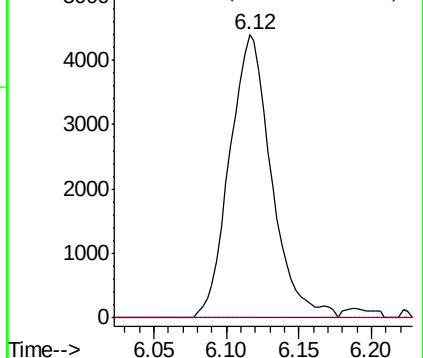


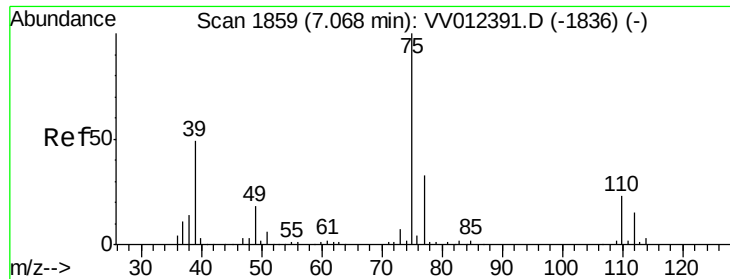
#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012401.D
Acq: 26 Aug 2019 14:28

Tgt Ion: 63 Resp: 8789
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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

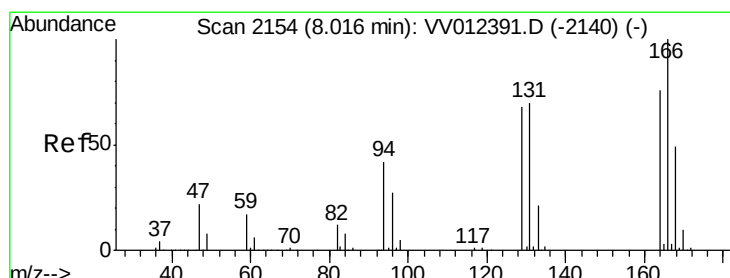
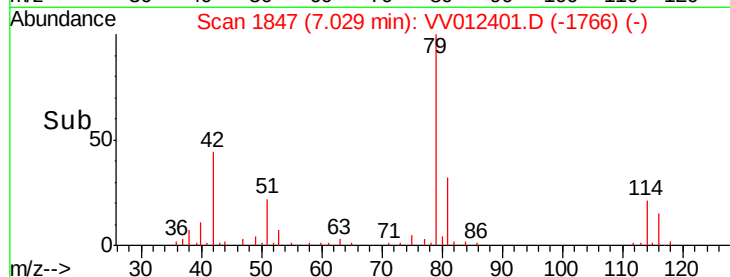
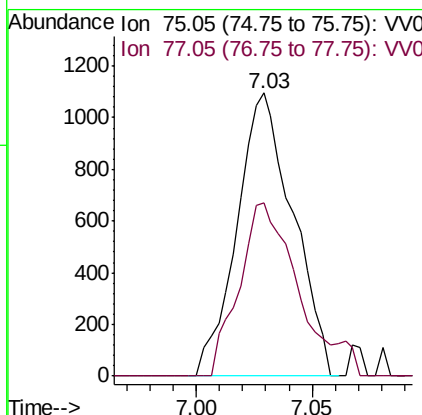
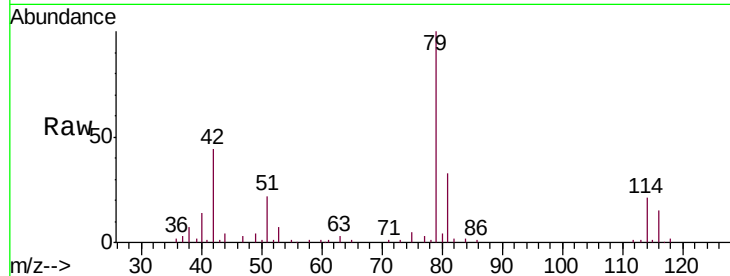




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012401.D
 Acq: 26 Aug 2019 14:28

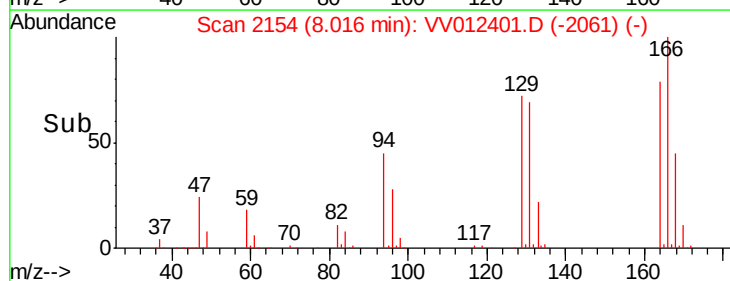
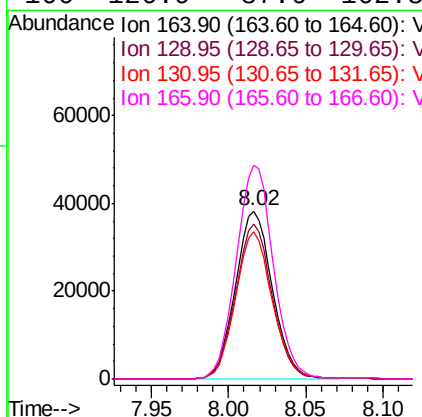
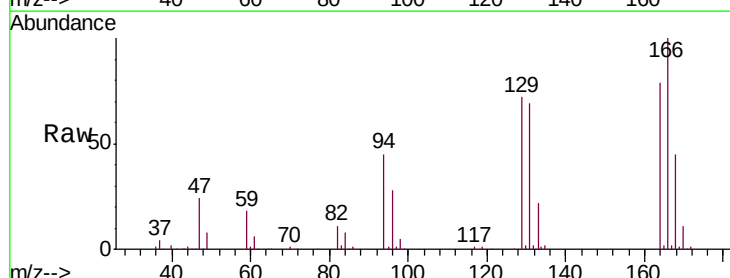
Instrument :
 MSVOA_V
 ClientSampleId :
 GANK3DL

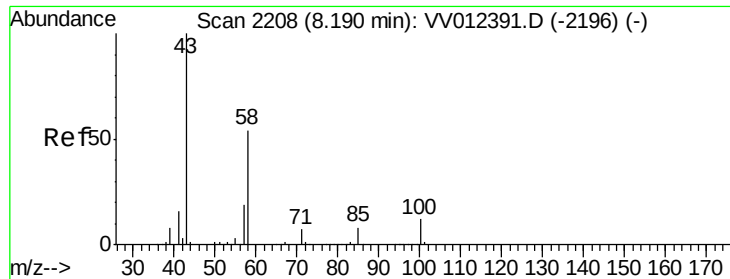
Tgt Ion: 75 Resp: 1839
 Ion Ratio Lower Upper
 75 100
 77 61.3 23.2 43.2#



#47
 Tetrachloroethene
 Concen: 5.110 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012401.D
 Acq: 26 Aug 2019 14:28

Tgt Ion: 164 Resp: 63836
 Ion Ratio Lower Upper
 164 100
 129 91.7 60.6 112.6
 131 87.2 58.8 109.2
 166 126.9 87.6 162.8

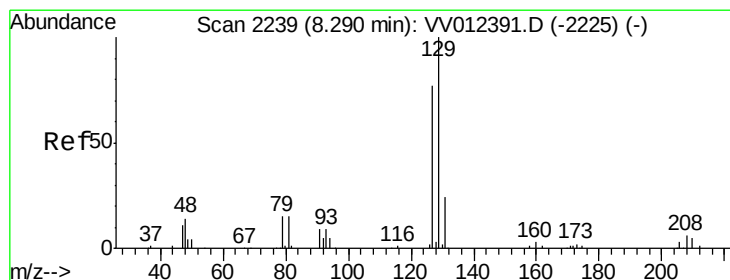
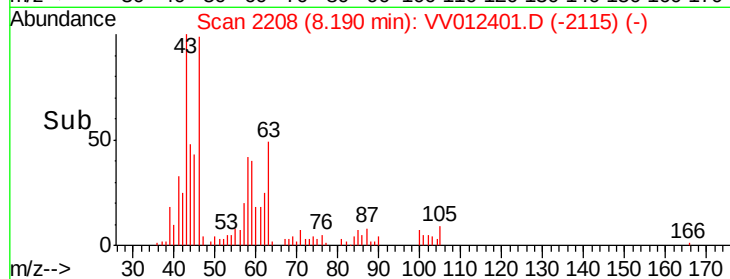
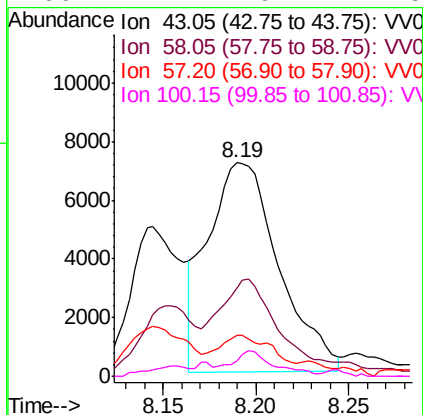
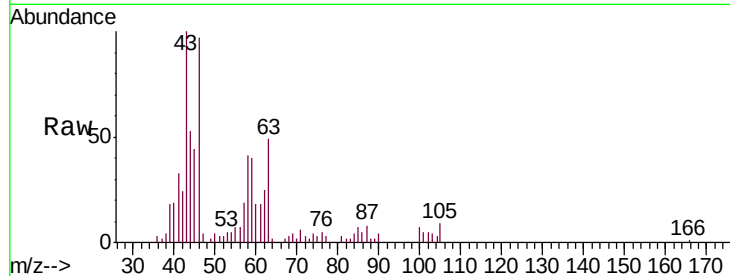




#48
 2-Hexanone
 Concen: 3.381 ug/L
 RT: 8.19 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VV012401.D
 Acq: 26 Aug 2019 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK3DL

Tgt Ion:	43	Resp:	18993
Ion	Ratio	Lower	Upper
43	100		
58	32.8	46.3	69.5#
57	9.9	14.9	22.3#
100	7.1	9.7	14.5#



#49
 Dibromochloromethane
 Concen: 4.827 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012401.D
 Acq: 26 Aug 2019 14:28

Tgt Ion:	129	Resp:	54474
Ion	Ratio	Lower	Upper
129	100		
127	0.3	53.8	99.8#

