

Data File : VV012426.D
Acq On : 27 Aug 2019 14:33
Operator : SY/MD
Sample : K4500-19
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL3

Quant Time: Aug 28 07:40:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212362	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	205232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53743	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	51863	6.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.40%#
11) 1,1-Dichloroethene-d2	2.13	63	88671	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	3.93	46	113587	39.71	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.42%
24) Chloroform-d	4.40	84	111800	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	60363	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	232763	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	72845	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	177650	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.66	79	21480	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.13	63	52601	29.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36178	3.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	60163	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1021	0.109	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	870	0.102	ug/L #	1
13) Acetone	2.19	43	167708	135.526	ug/L	97
14) Carbon disulfide	2.32	76	1790	0.067	ug/L #	82
15) Methyl Acetate	2.30	43	4225	1.356	ug/L #	50
16) Methylene chloride	2.54	84	1015	0.107	ug/L	80
17) Methyl tert-butyl Ether	2.81	73	1647	0.064	ug/L #	79
21) 2-Butanone	4.03	43	14104	4.853	ug/L	90
25) Chloroform	4.43	83	29046	1.105	ug/L	97
27) 1,2-Dichloroethane	5.18	62	5244	0.378	ug/L #	86
35) Methylcyclohexane	6.12	83	16822	0.758	ug/L #	18
42) Toluene	7.43	91	3546	0.066	ug/L	78
44) trans-1,3-Dichloropropene	7.66	75	1255	0.093	ug/L #	64
47) Tetrachloroethene	8.02	164	3131	0.275	ug/L	87
48) 2-Hexanone	8.18	43	15147	2.955	ug/L #	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082719\
Quantitation Report (Not Reviewed)

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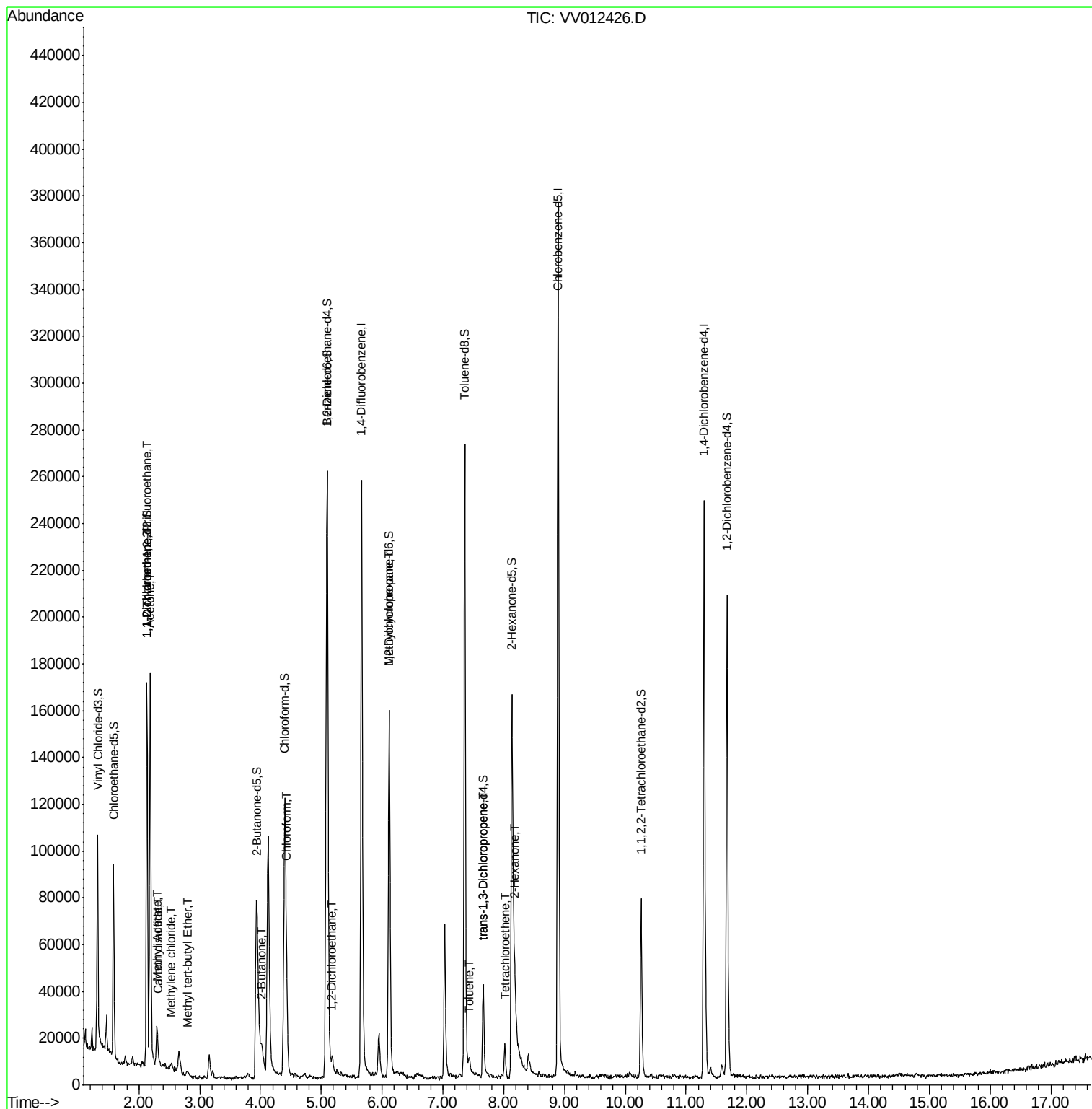
Quant Time: Aug 28 07:40:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

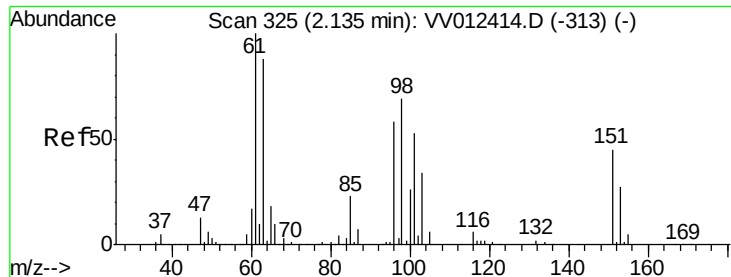
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Aug 28 07:40:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration





#10

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

Concen: 0.109 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012426.D

Acq: 27 Aug 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

GANL3

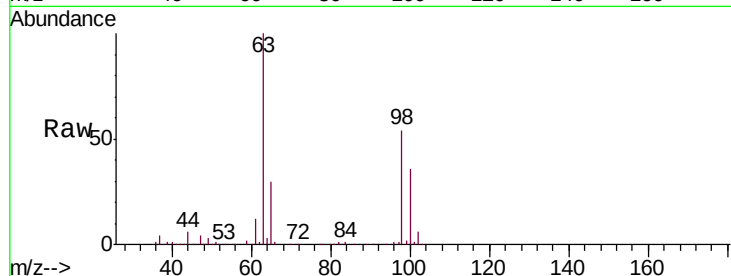
Tgt Ion: 101 Resp: 1021

Ion Ratio Lower Upper

101 100

85 6.4 34.6 51.8#

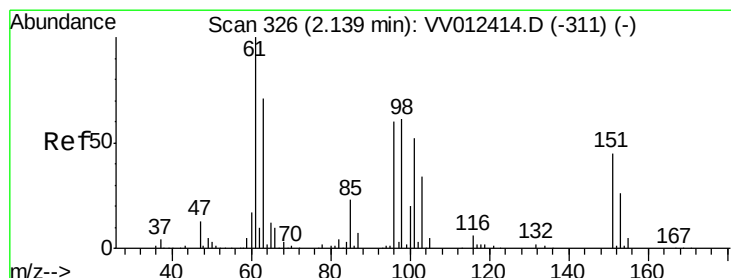
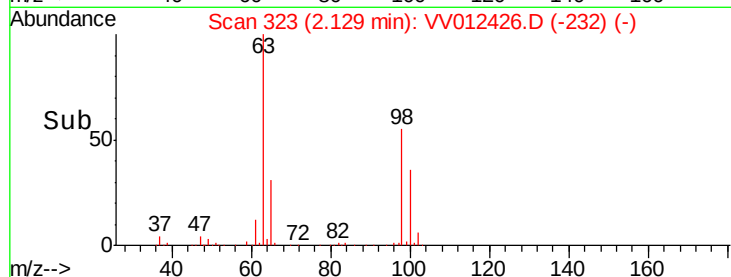
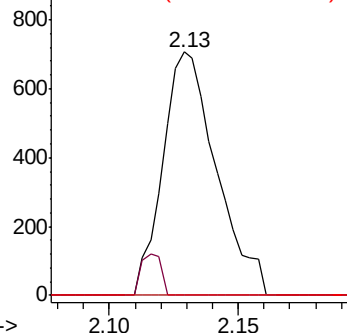
151 0.0 71.2 106.8#



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: 0.102 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012426.D

Acq: 27 Aug 2019 14:33

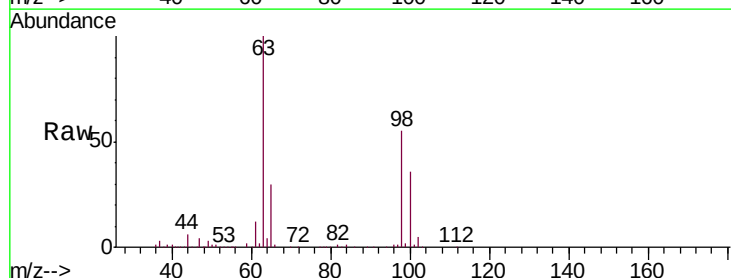
Tgt Ion: 96 Resp: 870

Ion Ratio Lower Upper

96 100

61 1159.5 122.3 227.1#

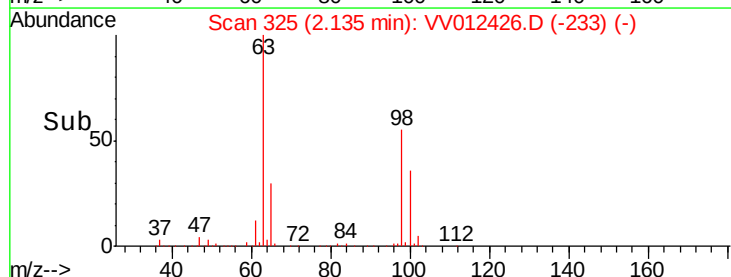
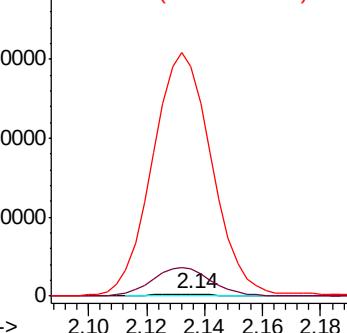
63 9898.5 90.6 168.2#

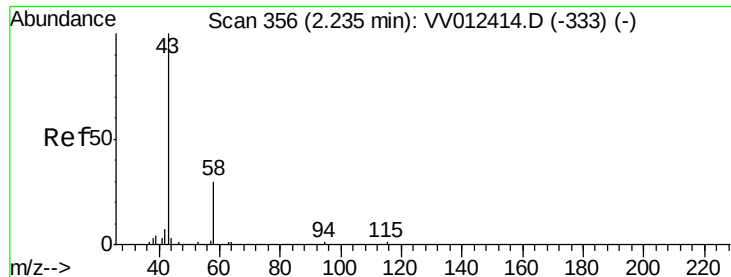


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 135.526 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012426.D

Acq: 27 Aug 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

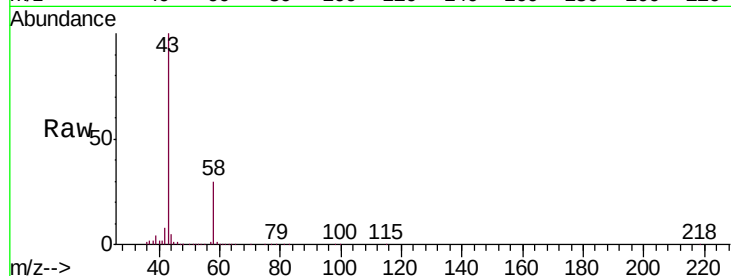
GANL3

Tgt Ion: 43 Resp: 167708

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV012414.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV012414.D (-333) (-)

2.19

120000

100000

80000

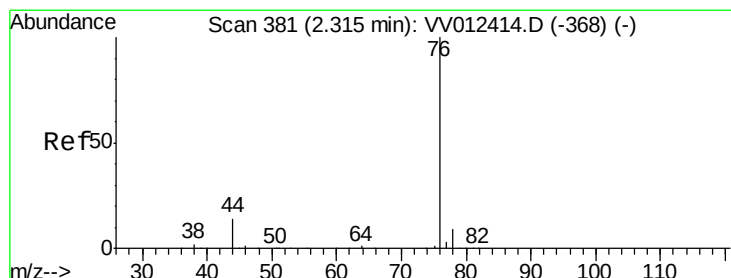
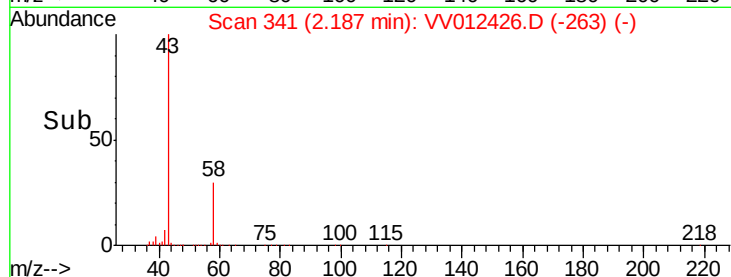
60000

40000

20000

0

Time-->



#14

Carbon disulfide

Concen: 0.067 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012426.D

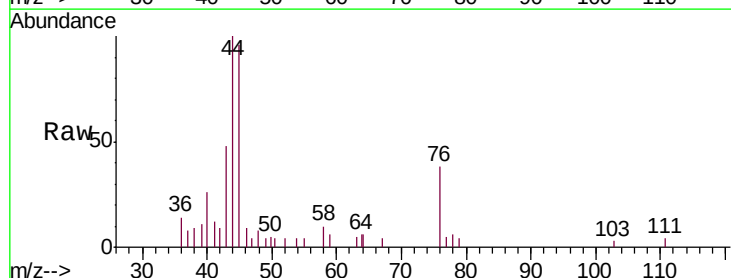
Acq: 27 Aug 2019 14:33

Tgt Ion: 76 Resp: 1790

Ion Ratio Lower Upper

76 100

78 15.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV012414.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV012414.D (-368) (-)

2.32

1200

1000

800

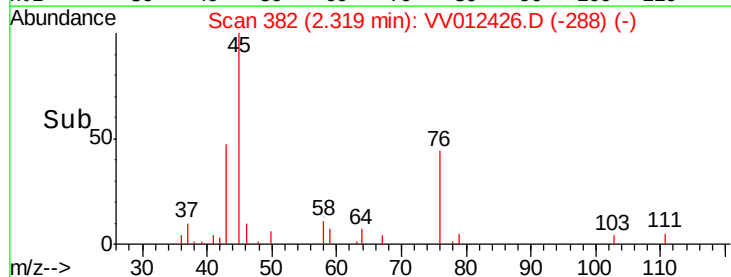
600

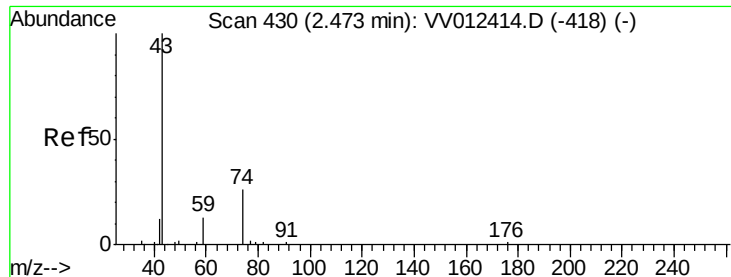
400

200

0

Time-->

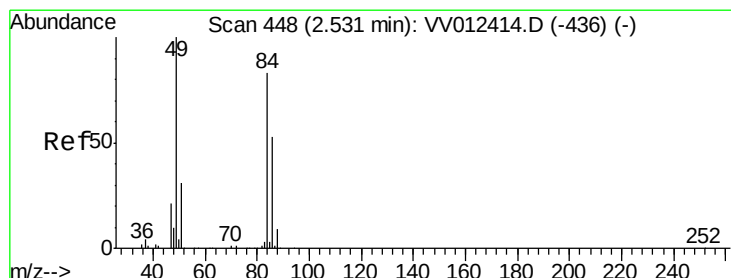
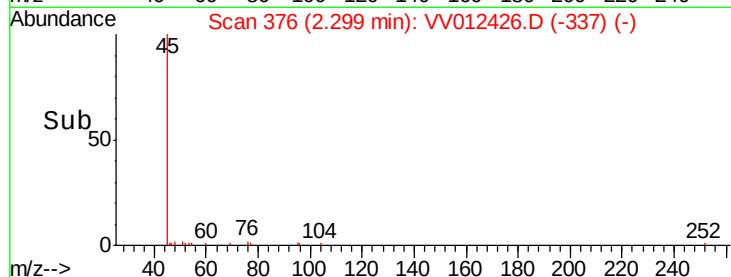
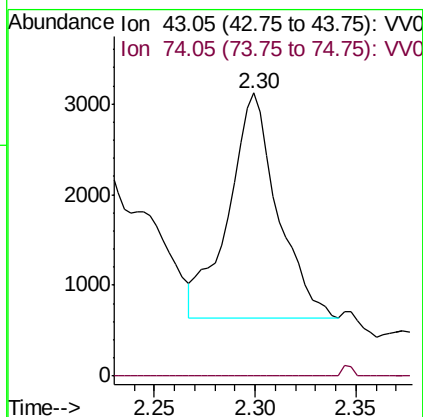
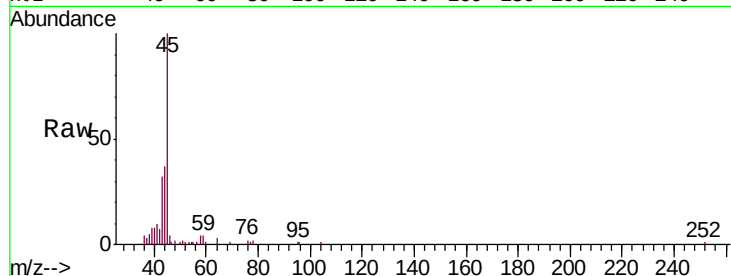




#15
Methyl Acetate
Concen: 1.356 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

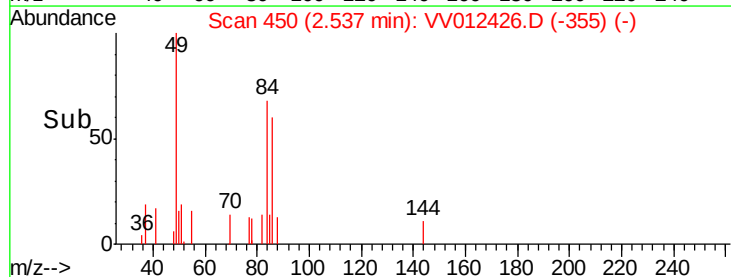
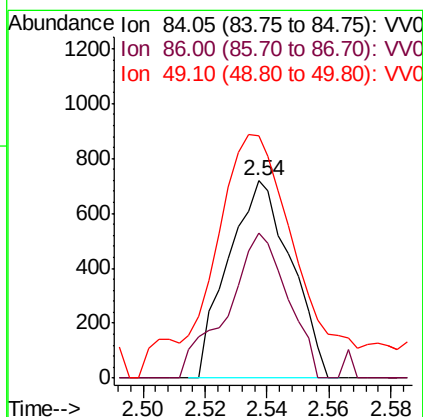
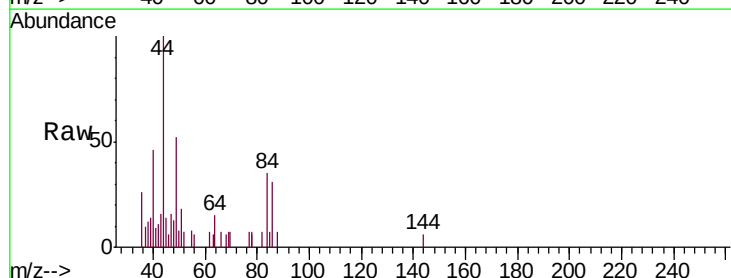
Instrument :
MSVOA_V
ClientSampleId :
GANL3

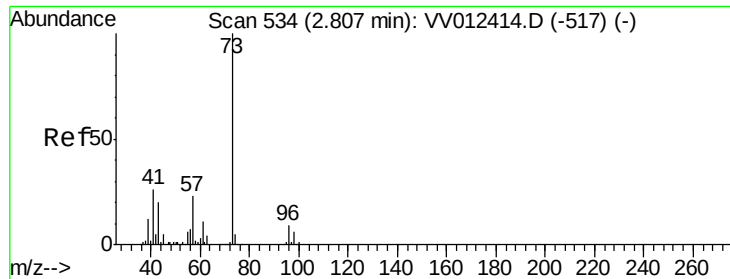
Tgt Ion: 43 Resp: 4225
Ion Ratio Lower Upper
43 100
74 1.0 21.8 32.6#



#16
Methylene chloride
Concen: 0.107 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

Tgt Ion: 84 Resp: 1015
Ion Ratio Lower Upper
84 100
86 73.4 44.9 83.5
49 141.9 81.1 150.7

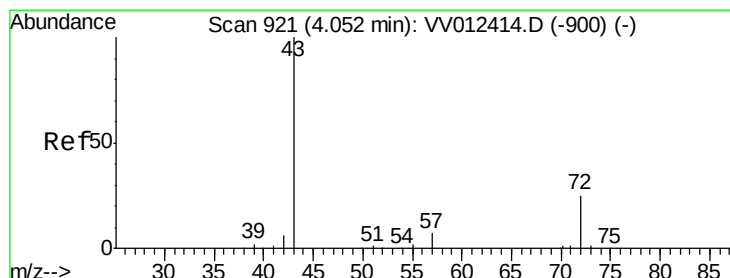
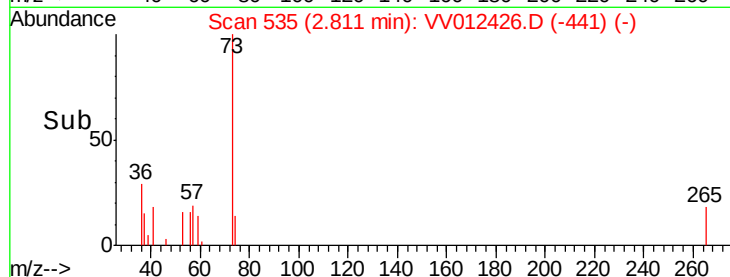
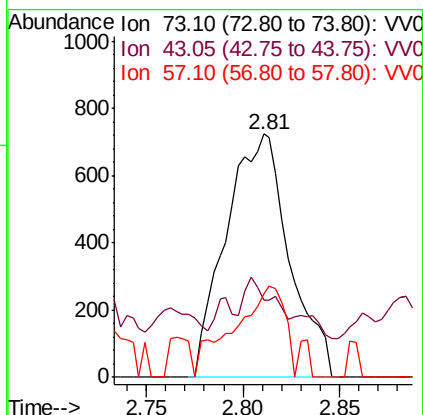
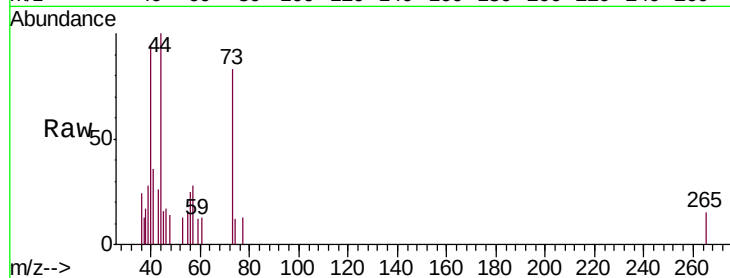




#17
Methyl tert-butyl Ether
Concen: 0.064 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

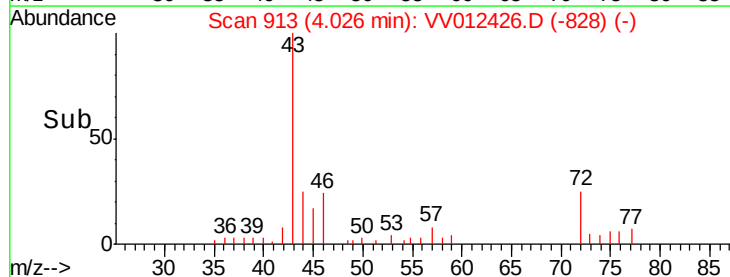
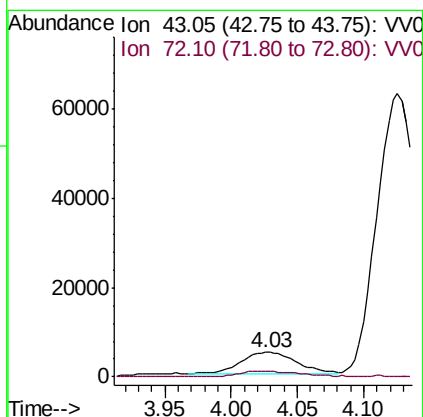
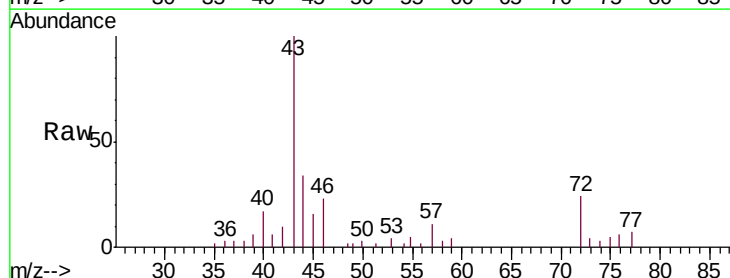
Instrument :
MSVOA_V
ClientSampleId :
GANL3

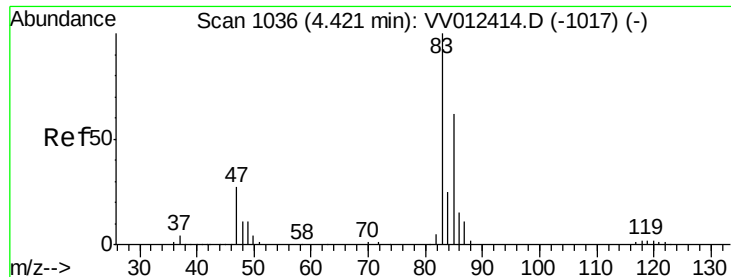
Tgt Ion: 73 Resp: 1647
Ion Ratio Lower Upper
73 100
43 6.6 15.0 22.6#
57 30.4 18.0 27.0#



#21
2-Butanone
Concen: 4.853 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.03 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

Tgt Ion: 43 Resp: 14104
Ion Ratio Lower Upper
43 100
72 29.5 12.2 36.6

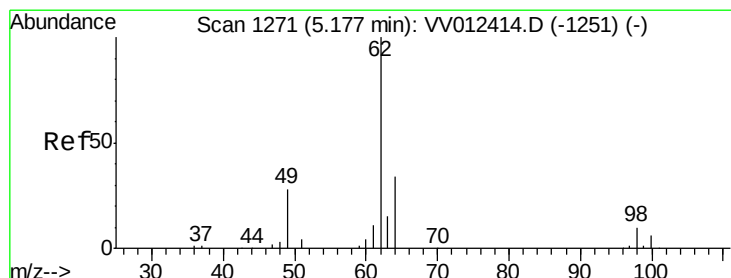
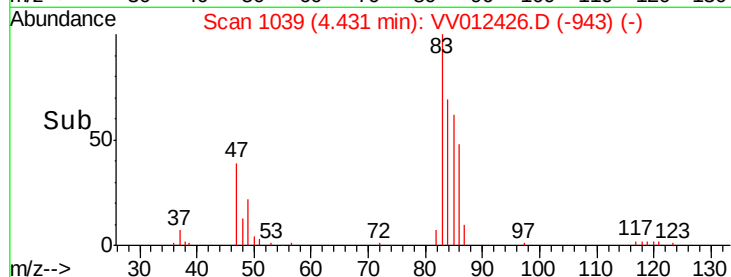
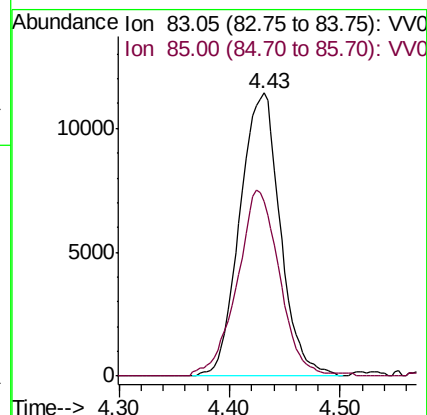
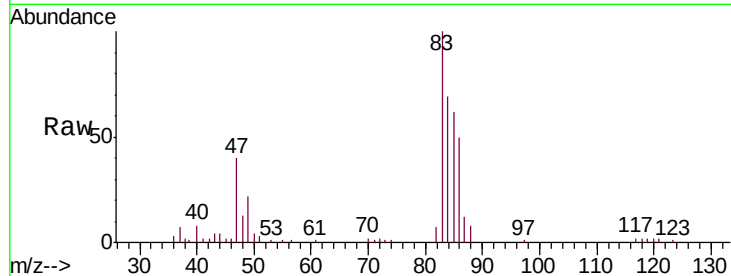




#25
Chloroform
Concen: 1.105 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

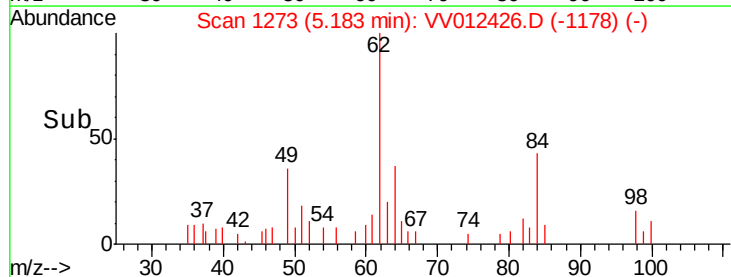
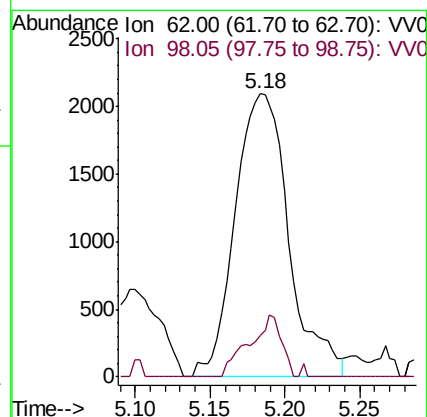
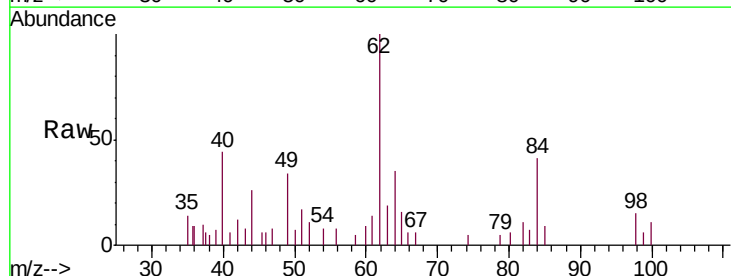
Instrument :
MSVOA_V
ClientSampled :
GANL3

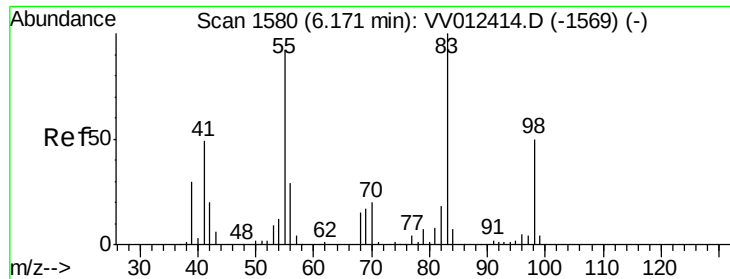
Tgt Ion: 83 Resp: 29046
Ion Ratio Lower Upper
83 100
85 61.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.378 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

Tgt Ion: 62 Resp: 5244
Ion Ratio Lower Upper
62 100
98 14.8 7.6 11.4#

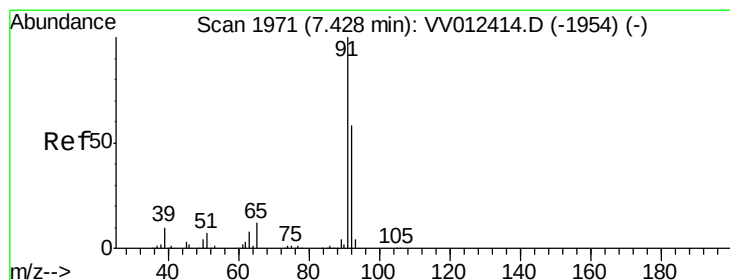
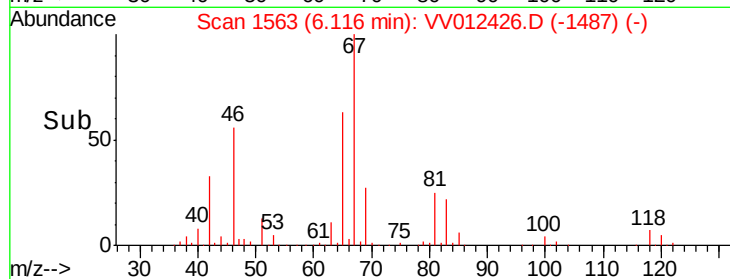
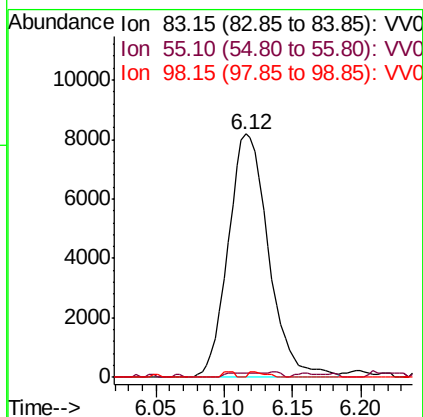
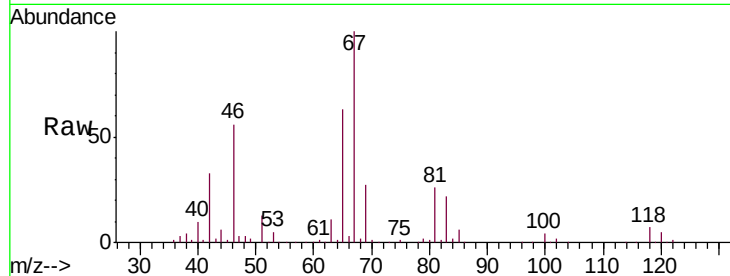




#35
Methylcyclohexane
Concen: 0.758 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

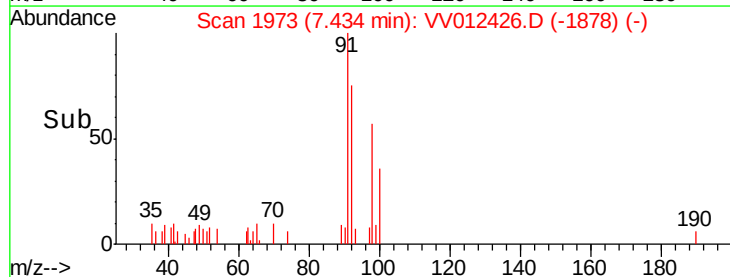
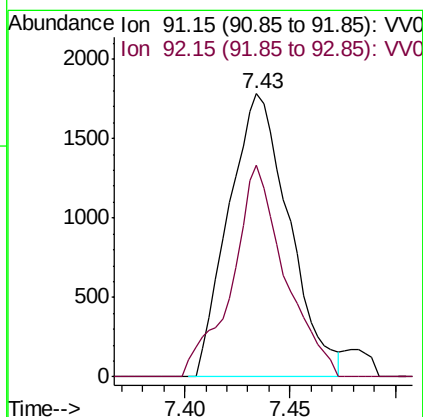
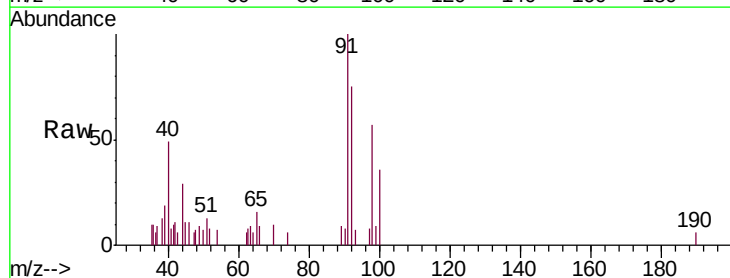
Instrument :
MSVOA_V
ClientSampleId :
GANL3

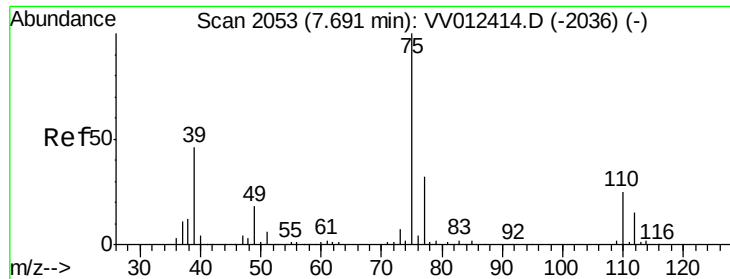
Tgt Ion: 83 Resp: 16822
Ion Ratio Lower Upper
83 100
55 1.4 64.6 97.0#
98 1.0 39.0 58.4#



#42
Toluene
Concen: 0.066 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV012426.D
Acq: 27 Aug 2019 14:33

Tgt Ion: 91 Resp: 3546
Ion Ratio Lower Upper
91 100
92 74.7 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012426.D

Acq: 27 Aug 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

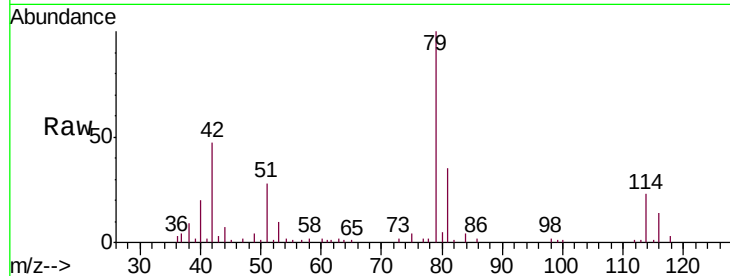
GANL3

Tgt Ion: 75 Resp: 1255

Ion Ratio Lower Upper

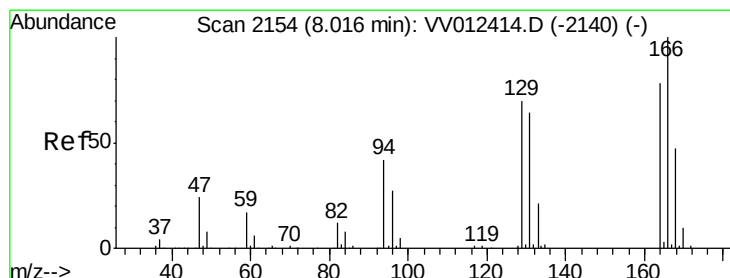
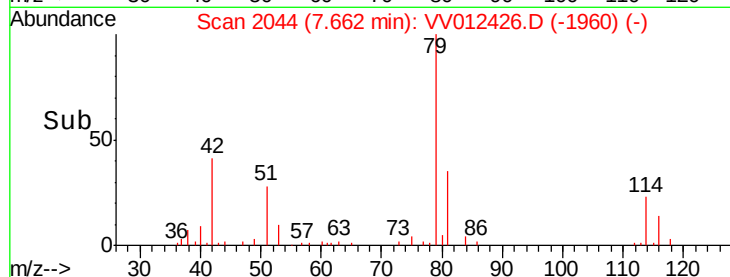
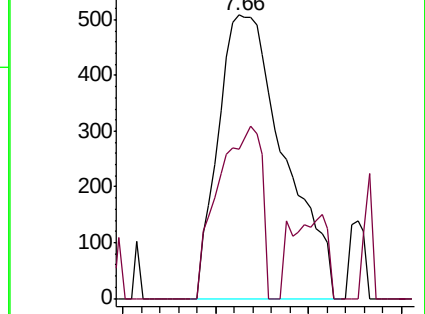
75 100

77 52.6 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.275 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV012426.D

Acq: 27 Aug 2019 14:33

Tgt Ion: 164 Resp: 3131

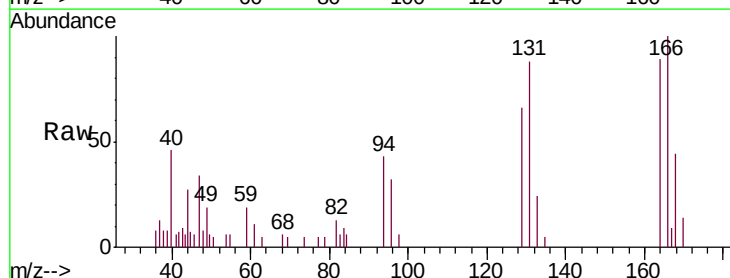
Ion Ratio Lower Upper

164 100

129 73.7 60.6 112.6

131 98.3 58.8 109.2

166 112.3 87.6 162.8

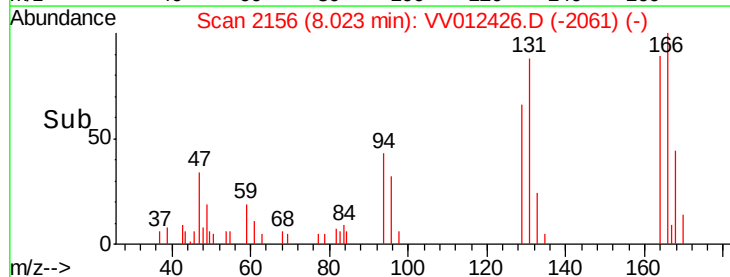
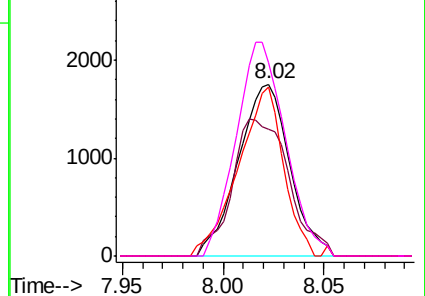


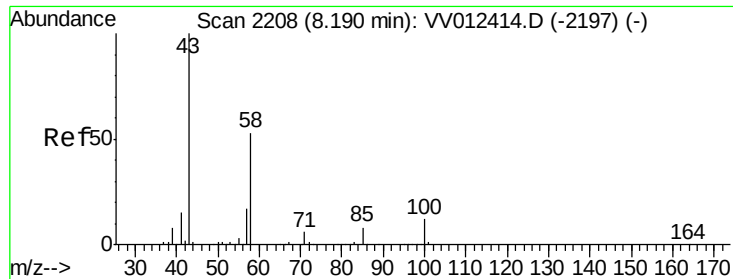
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#48

2-Hexanone

Concen: 2.955 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV012426.D

Acq: 27 Aug 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

GANL3

Tgt Ion: 43 Resp: 15147

Ion Ratio Lower Upper

43 100

58 38.2 46.3 69.5#

57 7.4 14.9 22.3#

100 5.1 9.7 14.5#

