

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018665.D
 Acq On : 29 Sep 2020 18:16
 Operator : JC/SP
 Sample : L4143-10
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:58:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	240395	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	221021	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	98709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53403	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.70	69	48087	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.34	63	117640	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.56	46	157444	49.08	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	5.14	84	136122	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.03	65	79692	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	6.05	84	246375	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	75876	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	8.70	98	220327	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
45) trans-1,3-Dichloropropene-	8.99	79	29505	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	9.43	63	121744	49.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.34%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	58453	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	83226	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

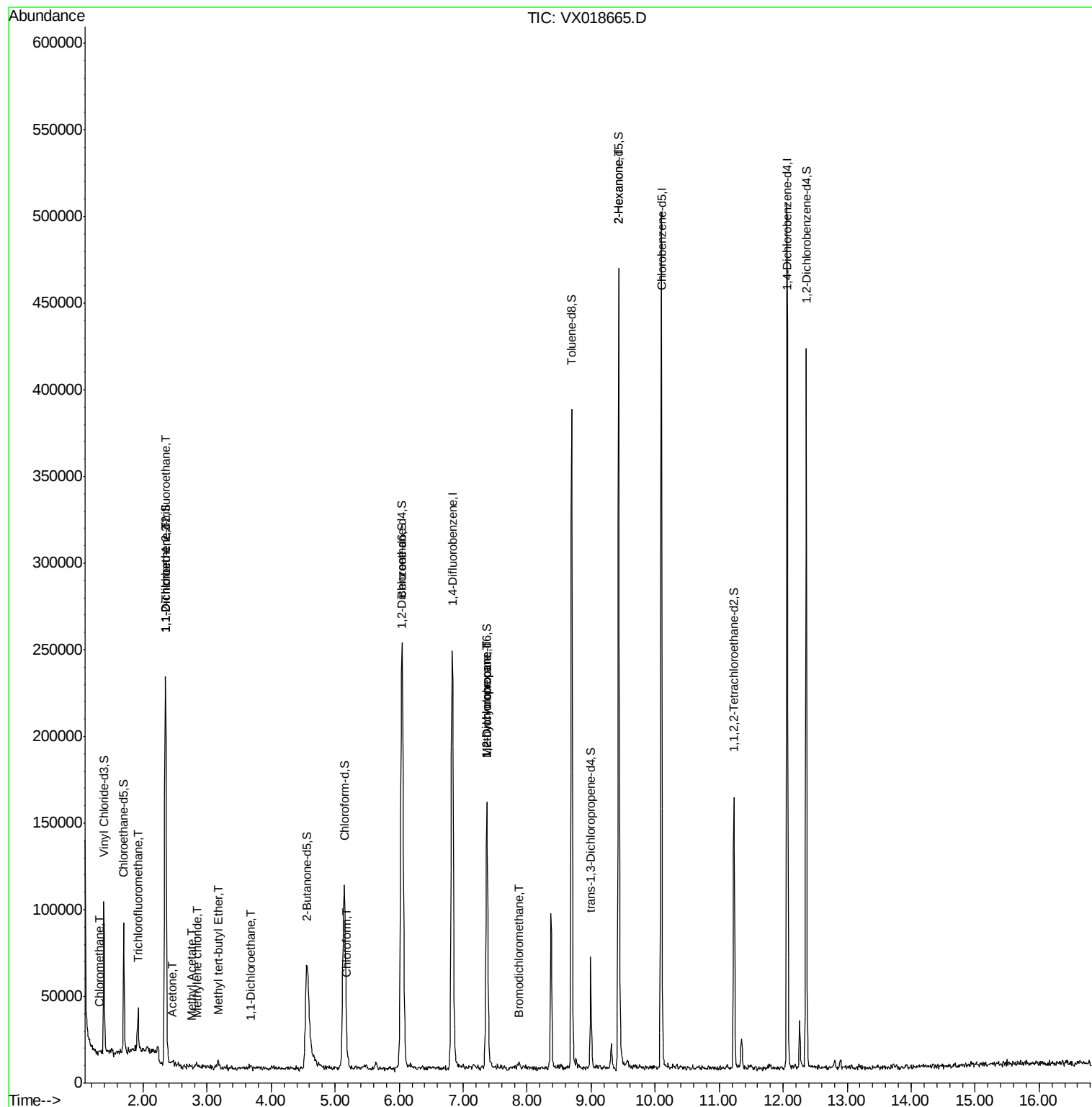
					Ovalue
3) Chloromethane	1.31	50	1777	0.143 ug/L #	50
9) Trichlorofluoromethane	1.92	101	15998	0.710 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.35	101	1495	0.121 ug/L #	25
12) 1,1-Dichloroethene	2.36	96	31459	2.681 ug/L #	71
13) Acetone	2.45	43	4084	2.300 ug/L	81
15) Methyl Acetate	2.76	43	874	0.178 ug/L #	88
16) Methylene chloride	2.84	84	1637	0.102 ug/L #	71
17) Methyl tert-butyl Ether	3.17	73	4070	0.156 ug/L #	65
19) 1,1-Dichloroethane	3.68	63	2148	0.102 ug/L #	71
25) Chloroform	5.18	83	6149	0.267 ug/L	95
35) Methylcyclohexane	7.37	83	20005	1.166 ug/L #	17
37) 1,2-Dichloropropane	7.37	63	9835	0.865 ug/L #	87
38) Bromodichloromethane	7.87	83	2224	0.145 ug/L #	66
50) 2-Hexanone	9.43	43	17268	3.871 ug/L #	74

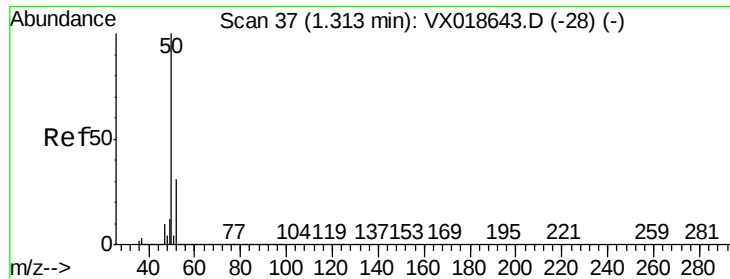
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

Instrument :

MSVOA_X

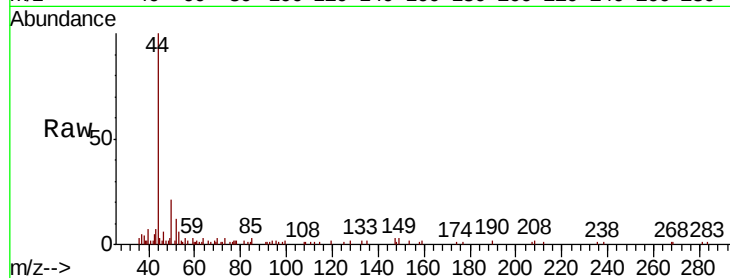
ClientSampled :

Tot Ion: 50 Resp: 1777

Ion Ratio Lower Upper

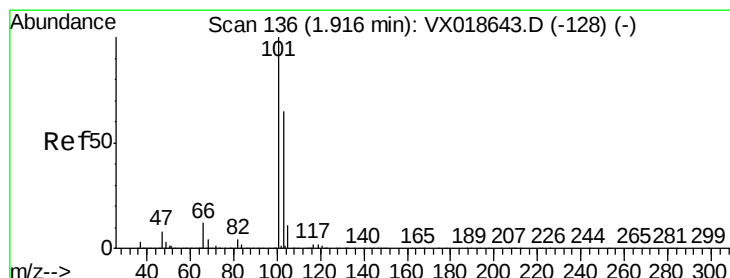
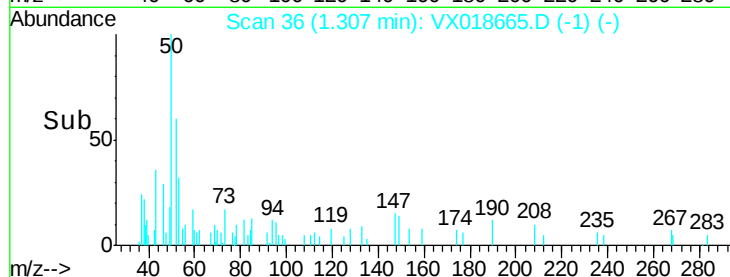
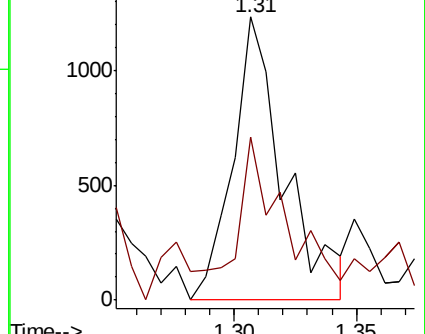
50 100

52 57.5 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#9

Trichlorofluoromethane

Concen: 0.710 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018665.D

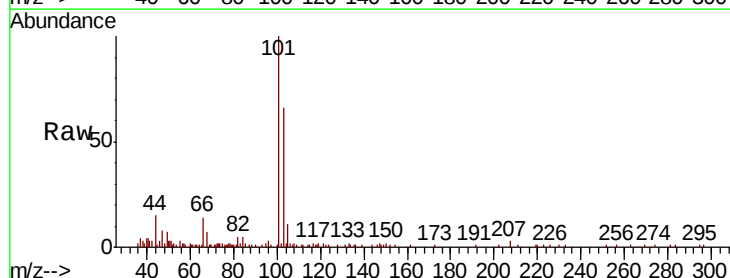
Acq: 29 Sep 2020 18:16

Tgt Ion: 101 Resp: 15998

Ion Ratio Lower Upper

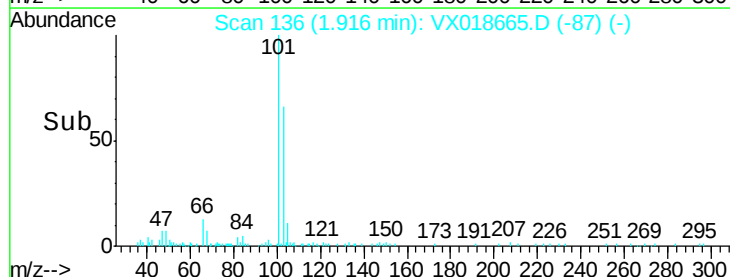
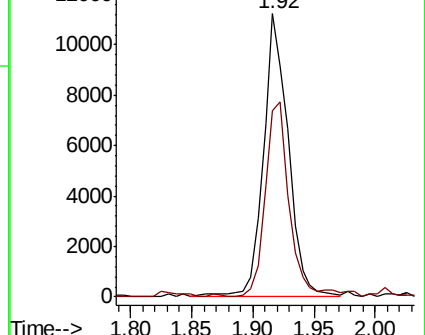
101 100

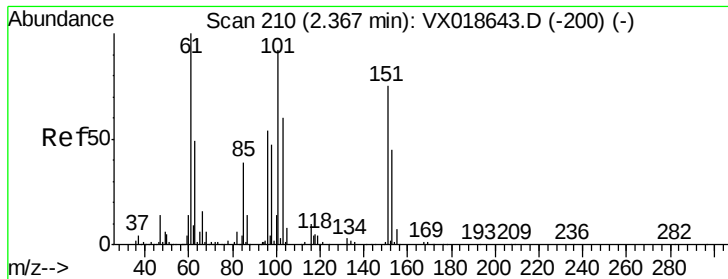
103 67.4 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 0.121 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

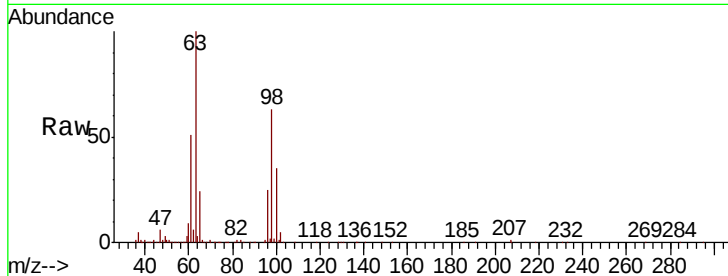
Tot Ion:101 Resp: 1495

Ion Ratio Lower Upper

101 100

85 14.8 36.1 54.1#

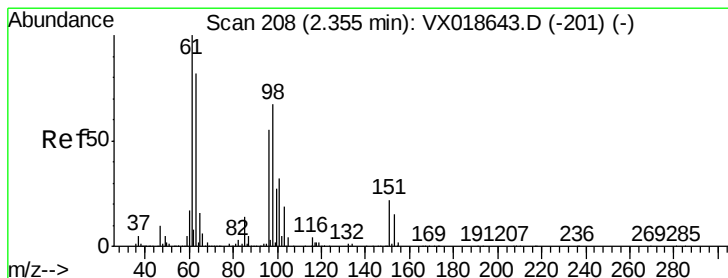
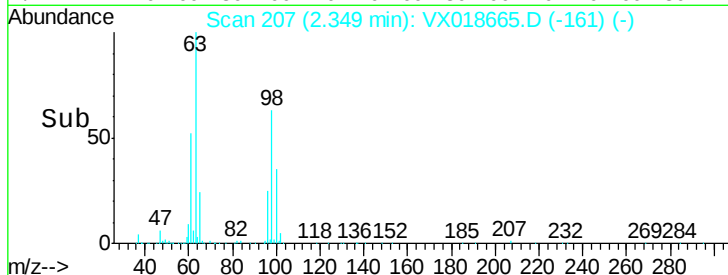
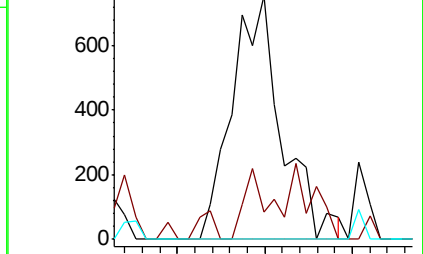
151 0.0 65.5 98.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.681 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

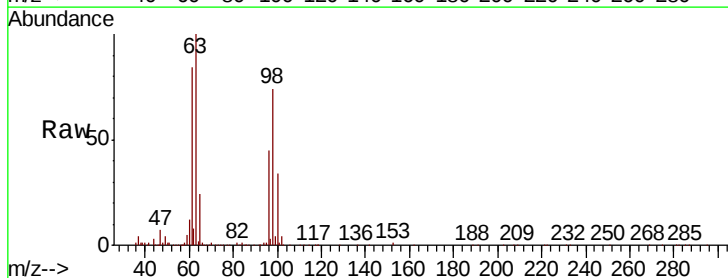
Tgt Ion: 96 Resp: 31459

Ion Ratio Lower Upper

96 100

61 185.3 123.8 229.8

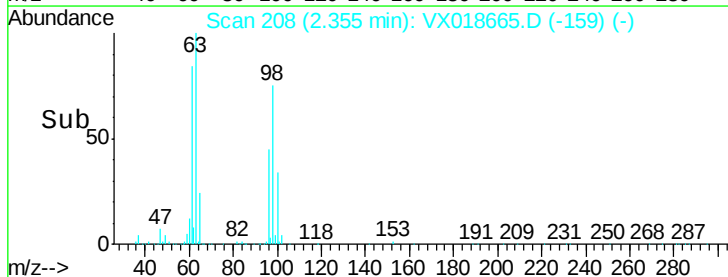
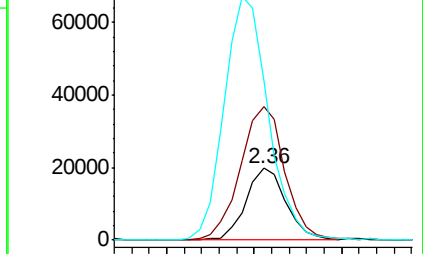
63 221.1 104.7 194.4#

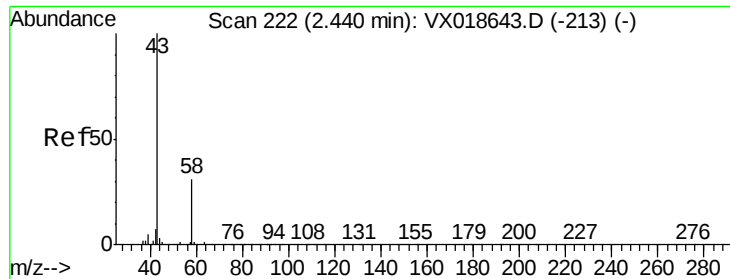


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 2.300 ug/L

RT: 2.45 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

Instrument :

MSVOA_X

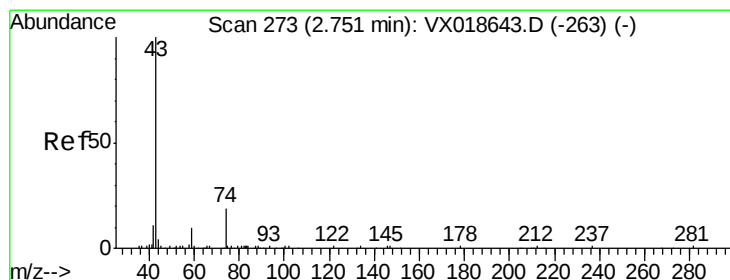
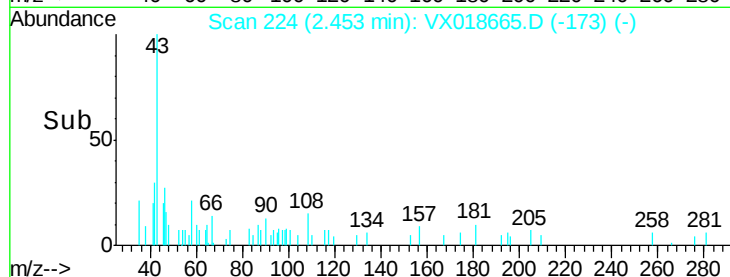
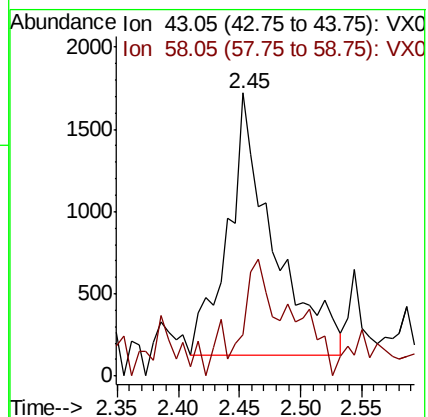
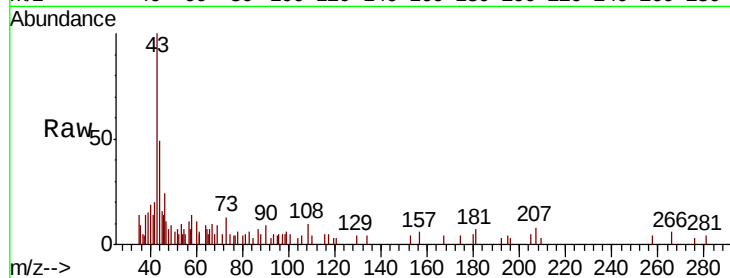
ClientSampleId :

Tot Ion: 43 Resp: 4084

Ion Ratio Lower Upper

43 100

58 20.1 0.0 61.6



#15

Methyl Acetate

Concen: 0.178 ug/L

RT: 2.76 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX018665.D

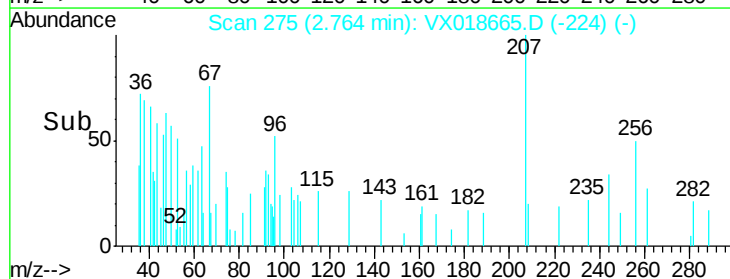
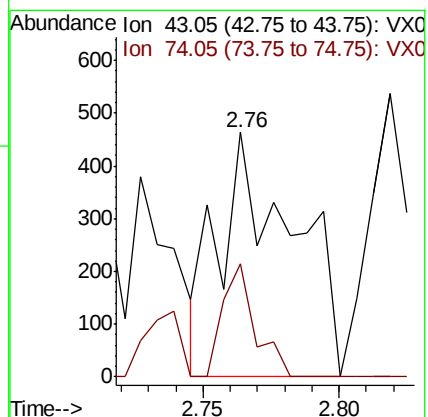
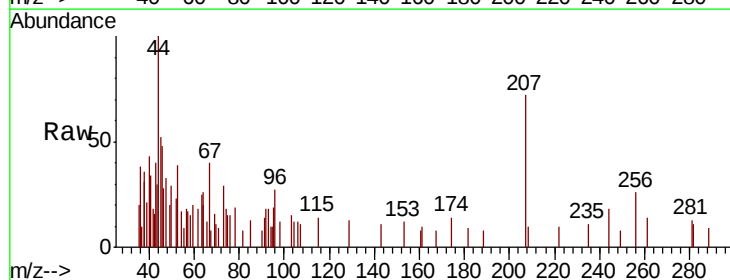
Acq: 29 Sep 2020 18:16

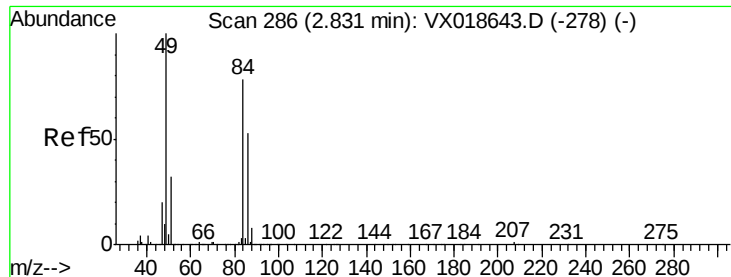
Tgt Ion: 43 Resp: 874

Ion Ratio Lower Upper

43 100

74 20.4 21.2 31.8#

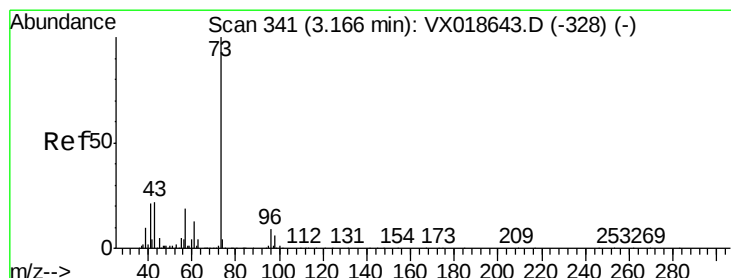
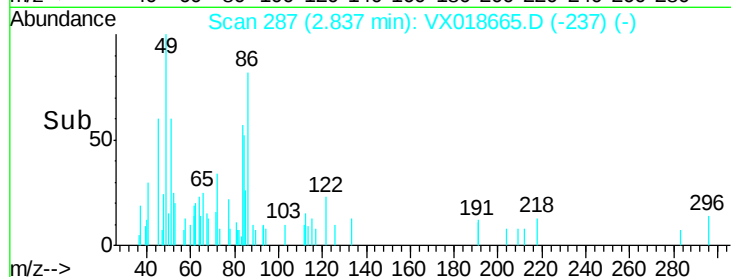
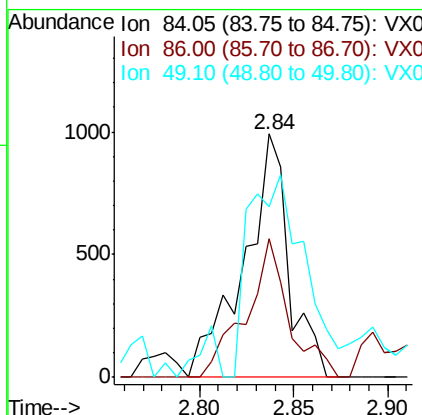
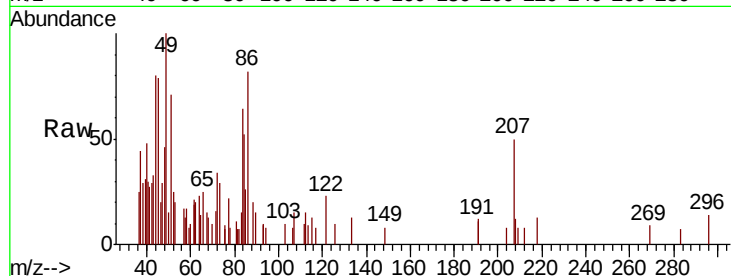




#16
Methylene chloride
Concen: 0.102 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018665.D
Acq: 29 Sep 2020 18:16

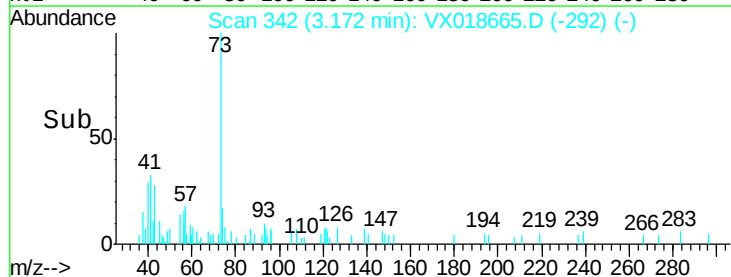
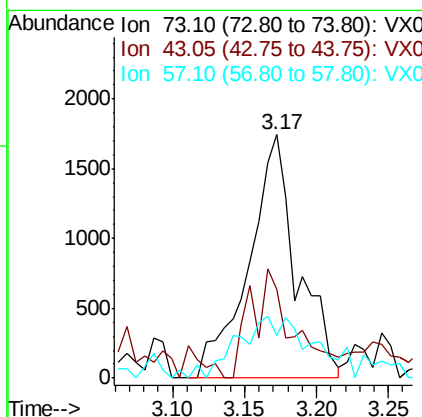
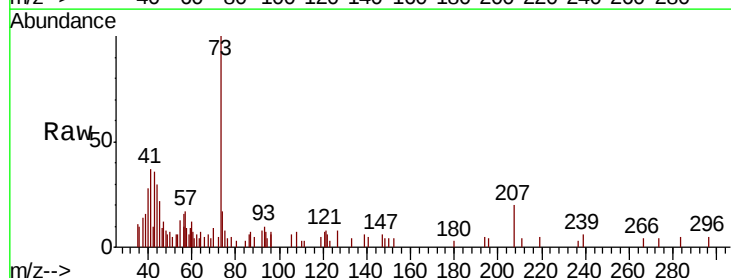
Instrument :
MSVOA_X
ClientSampled :

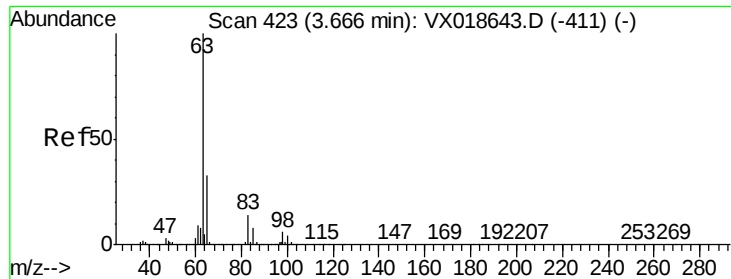
Tot Ion: 84 Resp: 1637
Ion Ratio Lower Upper
84 100
86 57.2 41.9 77.7
49 70.1 80.8 150.2#



#17
Methyl tert-butyl Ether
Concen: 0.156 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018665.D
Acq: 29 Sep 2020 18:16

Tgt Ion: 73 Resp: 4070
Ion Ratio Lower Upper
73 100
43 39.7 18.6 27.8#
57 39.0 17.3 25.9#

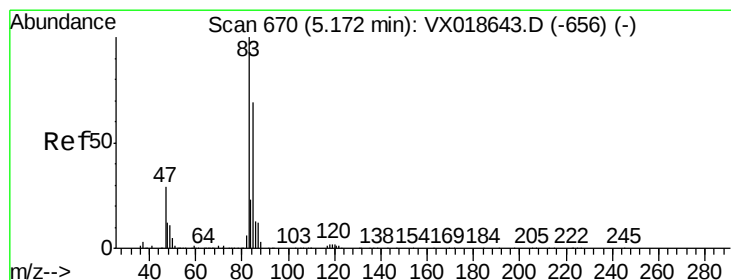
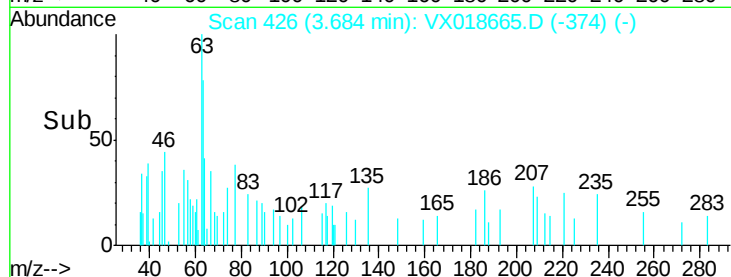
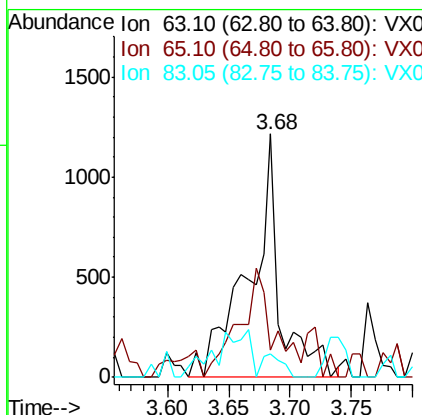
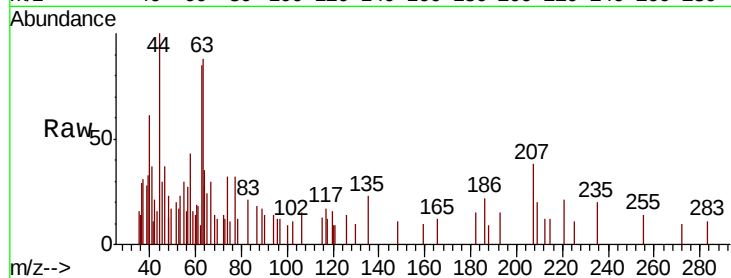




#19
 1,1-Dichloroethane
 Concen: 0.102 ug/L
 RT: 3.68 min Scan# 426
 Delta R.T. 0.02 min
 Lab File: VX018665.D
 Acq: 29 Sep 2020 18:16

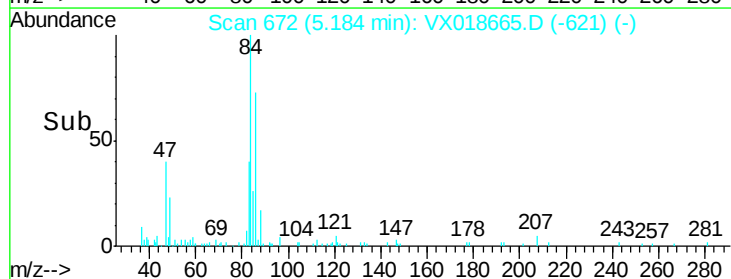
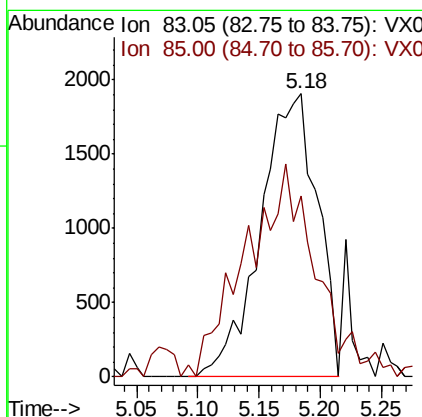
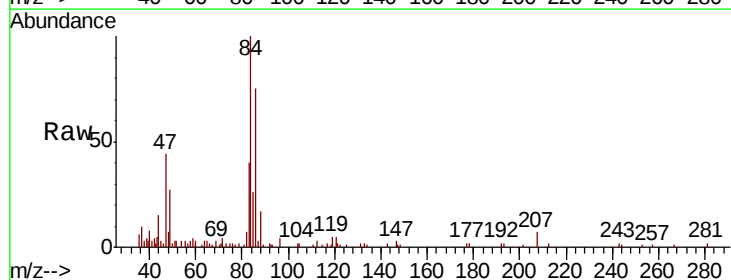
Instrument :
 MSVOA_X
 ClientSampleId :

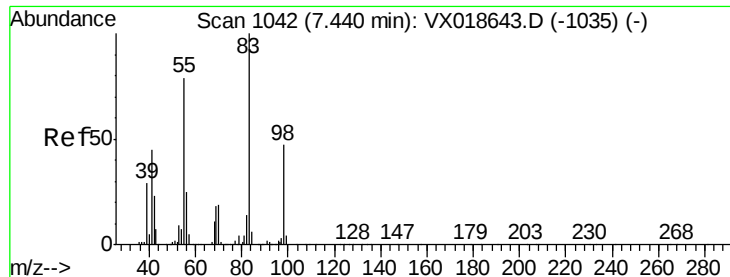
Tot Ion: 63 Resp: 2148
 Ion Ratio Lower Upper
 63 100
 65 11.3 22.7 42.1#
 83 9.9 9.3 17.3



#25
 Chloroform
 Concen: 0.267 ug/L
 RT: 5.18 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: VX018665.D
 Acq: 29 Sep 2020 18:16

Tgt Ion: 83 Resp: 6149
 Ion Ratio Lower Upper
 83 100
 85 63.8 41.8 77.6

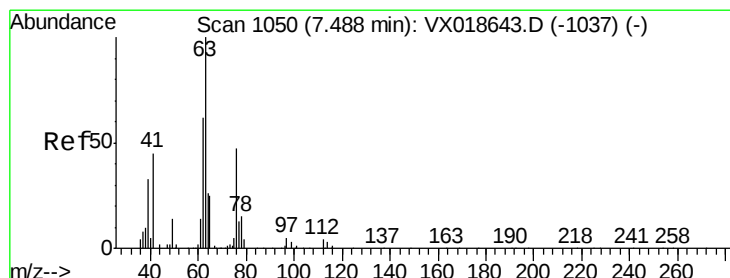
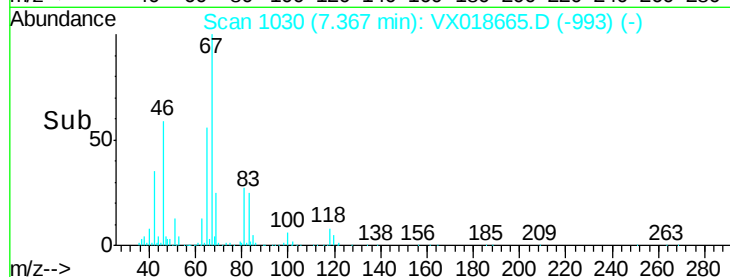
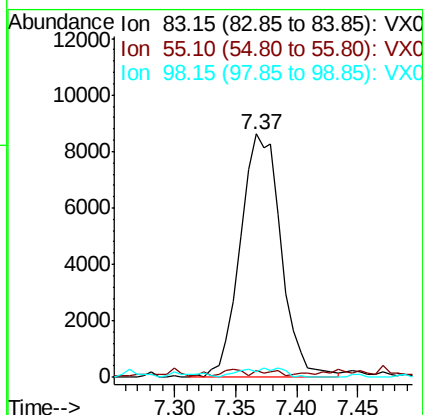
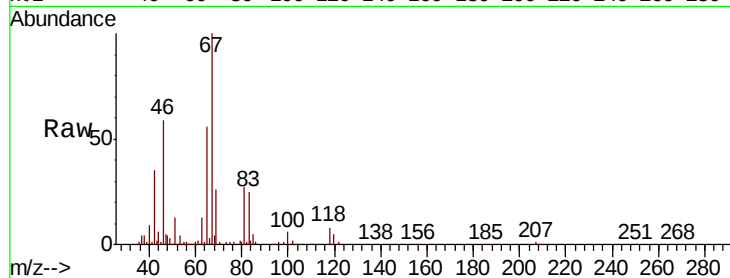




#35
Methvlcvclohexane
Concen: 1.166 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018665.D
Acq: 29 Sep 2020 18:16

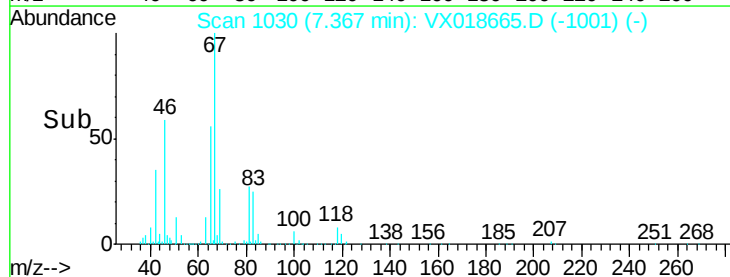
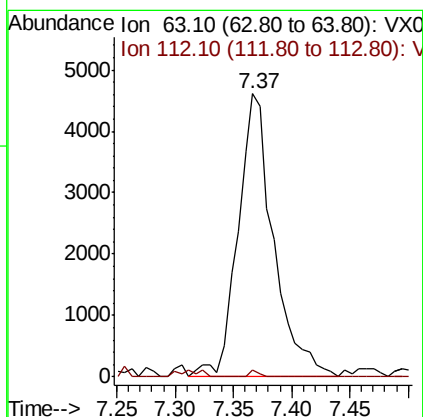
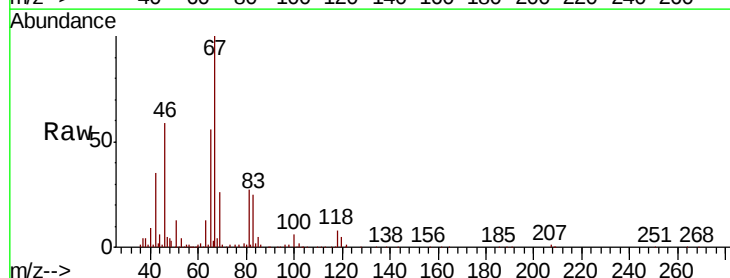
Instrument :
MSVOA_X
ClientSampleId :

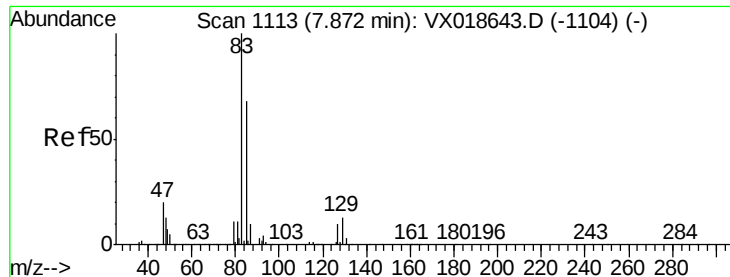
Tot Ion	83	Resp	20005
Ion Ratio	Lower	Upper	
83	100		
55	1.6	67.4	101.0#
98	2.2	41.1	61.7#



#37
1,2-Dichloropropane
Concen: 0.865 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018665.D
Acq: 29 Sep 2020 18:16

Tgt Ion	63	Resp	9835
Ion Ratio	Lower	Upper	
63	100		
112	0.6	4.1	6.1#





#38

Bromodichloromethane

Concen: 0.145 ug/L

RT: 7.87 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

Instrument :
MSVOA_X
ClientSampled :

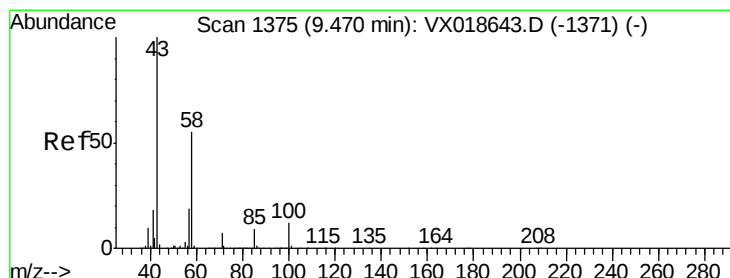
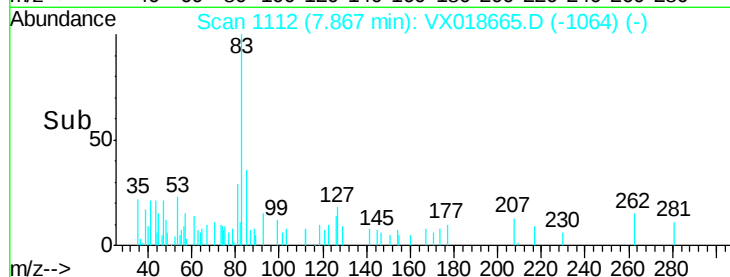
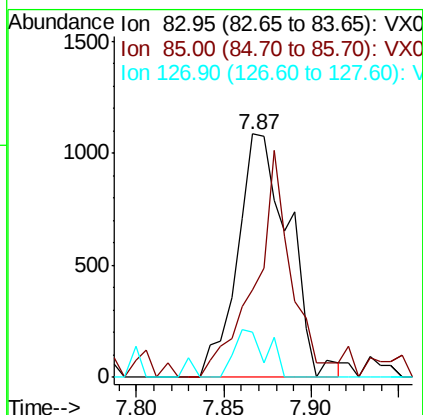
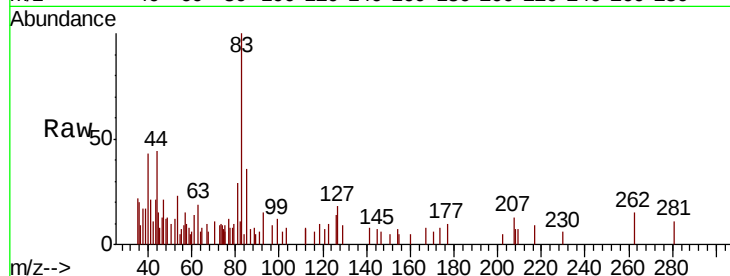
Tot Ion: 83 Resp: 2224

Ion Ratio Lower Upper

83 100

85 35.9 45.2 84.0#

127 18.3 8.2 12.2#



#50

2-Hexanone

Concen: 3.871 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX018665.D

Acq: 29 Sep 2020 18:16

Tgt Ion: 43 Resp: 17268

Ion Ratio Lower Upper

43 100

58 34.7 42.5 63.7#

57 32.5 15.9 23.9#

100 1.4 9.4 14.0#

