

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018656.D
 Acq On : 29 Sep 2020 14:38
 Operator : JC/SP
 Sample : L4143-19
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0F9

Quant Time: Sep 30 04:56:36 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	6.84	114	4866	5.00	ug/L	0.01
28) Chlorobenzene-d5	10.09	117	1894	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	413	1.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.40%#
7) Chloroethane-d5	1.68	69	294	1.37	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	27.40%#
11) 1,1-Dichloroethene-d2	2.35	63	371	0.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	13.20%#
20) 2-Butanone-d5	4.56	46	451	6.95	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	13.90%#
24) Chloroform-d	5.14	84	282	0.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	9.40%#
26) 1,2-Dichloroethane-d4	6.03	65	2594	7.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	147.60%#
32) Benzene-d6	6.05	84	364	0.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	16.60%#
36) 1,2-Dichloropropane-d6	7.37	67	277	2.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	41.60%#
41) Toluene-d8	8.70	98	4102	9.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	188.60%#
45) trans-1,3-Dichloropropene-	8.99	79	276	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
48) 2-Hexanone-d5	9.43	63	164	7.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	15.46%#
59) 1,1,2,2-Tetrachloroethane-	11.24	84	186	1.88	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	37.60%#
65) 1,2-Dichlorobenzene-d4	12.36	152	498	3.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.40%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.22	85	128	0.435 ug/L #	84
3) Chloromethane	1.31	50	819	3.256 ug/L #	3
5) Vinyl chloride	1.37	62	225	0.854 ug/L #	15
6) Bromomethane	1.68	94	392	2.489 ug/L	80
8) Chloroethane	1.73	64	202	1.394 ug/L	97
9) Trichlorofluoromethane	1.93	101	203	0.445 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	44	0.176 ug/L #	1
12) 1,1-Dichloroethene	2.34	96	75	0.316 ug/L #	54
13) Acetone	2.46	43	4424	123.100 ug/L	75
14) Carbon disulfide	2.55	76	5062	7.008 ug/L	99
15) Methyl Acetate	2.76	43	802	8.063 ug/L #	85
16) Methylene chloride	2.83	84	1666	5.133 ug/L	84
17) Methyl tert-butyl Ether	3.15	73	469	0.887 ug/L #	31
18) trans-1,2-Dichloroethene	3.15	96	192	0.809 ug/L #	60
19) 1,1-Dichloroethane	3.41	63	240	0.564 ug/L	96
21) 2-Butanone	4.59	43	461	8.082 ug/L	92
22) cis-1,2-Dichloroethene	4.55	96	481	1.941 ug/L #	1

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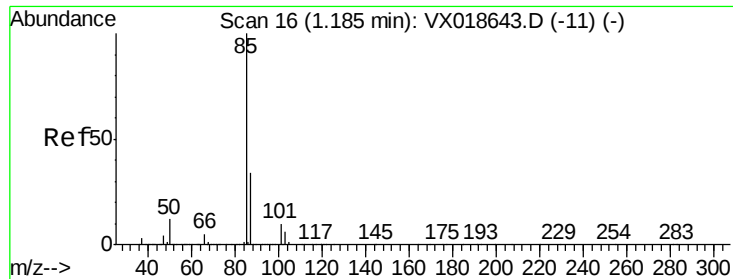
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.93	128	71	0.598	ug/L #	13
25) Chloroform	5.19	83	144	0.309	ug/L	100
27) 1,2-Dichloroethane	6.18	62	327	1.111	ug/L #	71
29) 1,1,1-Trichloroethane	5.46	97	59	0.327	ug/L #	1
30) Cyclohexane	5.56	56	165	1.150	ug/L #	63
31) Carbon tetrachloride	5.79	117	100	0.601	ug/L #	65
33) Benzene	6.10	78	273	0.748	ug/L	100
34) Trichloroethene	7.18	95	25	0.237	ug/L #	6
35) Methylcyclohexane	7.18	83	192	1.306	ug/L	91
37) 1,2-Dichloropropane	7.50	63	99	1.016	ug/L #	1
38) Bromodichloromethane	7.86	83	38	0.289	ug/L #	43
39) cis-1,3-Dichloropropene	8.27	75	203	1.469	ug/L	95
40) 4-Methyl-2-pentanone	8.63	43	550	10.184	ug/L #	57
42) Toluene	8.76	91	2759	6.995	ug/L #	73
43) 1,3,5-Trimethylbenzene	11.45	105	167	0.484	ug/L	93
44) 1,2,4-Trimethylbenzene	11.69	105	159	0.461	ug/L	96
46) trans-1,3-Dichloropropene	9.15	75	153	1.214	ug/L	84
47) 1,1,2-Trichloroethane	9.18	97	103	1.473	ug/L	88
49) Tetrachloroethene	9.32	164	102	1.226	ug/L #	1
50) 2-Hexanone	9.46	43	608	15.905	ug/L #	75
51) Dibromochloromethane	9.59	129	75	0.820	ug/L #	10
52) 1,2-Dibromoethane	9.63	107	166	2.548	ug/L #	8
53) Chlorobenzene	10.12	112	884	3.393	ug/L #	72
54) Ethylbenzene	10.23	91	313	0.728	ug/L #	80
55) m,p-xylene	10.34	106	577	3.512	ug/L	95
56) o-xylene	10.68	106	67	0.432	ug/L	68
57) Styrene	10.85	104	67	0.261	ug/L	99
58) Isopropylbenzene	11.01	105	156	0.375	ug/L #	1
60) 1,1,1,2-Tetrachloroethane	11.27	83	205	2.596	ug/L #	22
62) Bromoform	10.84	173	22	0.490	ug/L #	44
63) 1,3-Dichlorobenzene	12.02	146	155	0.846	ug/L #	62
64) 1,4-Dichlorobenzene	12.09	146	1060	5.726	ug/L	83
66) 1,2-Dichlorobenzene	12.39	146	120	0.703	ug/L #	26
67) 1,2-Dibromo-3-chloropropan	12.98	75	68	4.684	ug/L #	9
68) 1,3,5-Trichlorobenzene	13.15	180	24	0.174	ug/L #	1
69) 1,2,4-trichlorobenzene	13.53	180	74	0.656	ug/L #	8
70) Naphthalene	13.82	128	205	1.075	ug/L #	77
71) 1,2,3-Trichlorobenzene	13.94	180	23	0.226	ug/L #	34

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



#2

Dichlorodifluoromethane

Concen: 0.435 ug/L

RT: 1.22 min Scan# 21

Delta R.T. 0.03 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

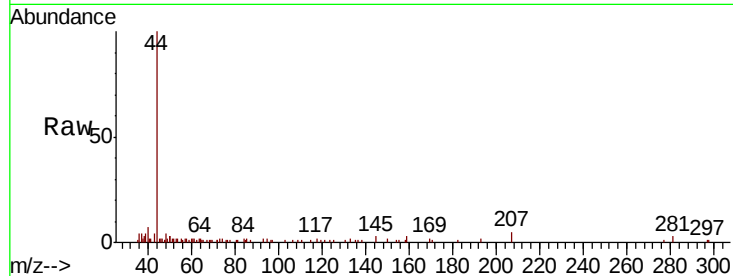
BG0F9

Tot Ion: 85 Resp: 128

Ion Ratio Lower Upper

85 100

87 41.4 26.1 39.1#



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

250

200

150

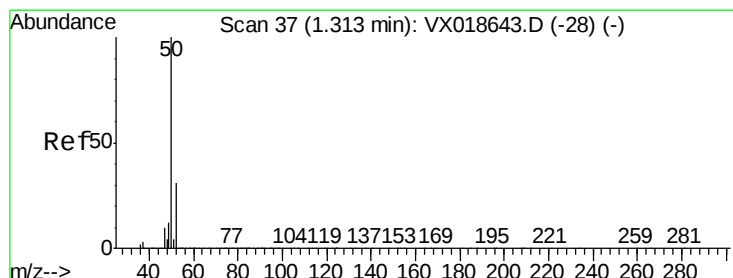
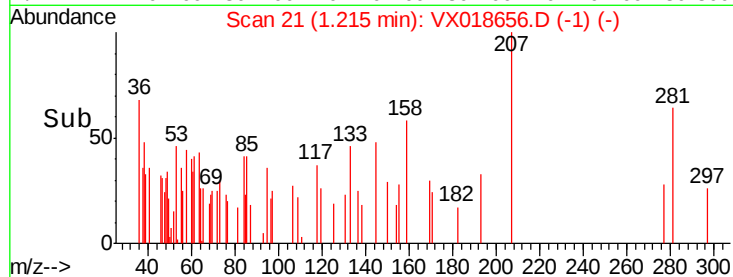
100

50

0

1.20 1.22

Time-->



#3

Chloromethane

Concen: 3.256 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018656.D

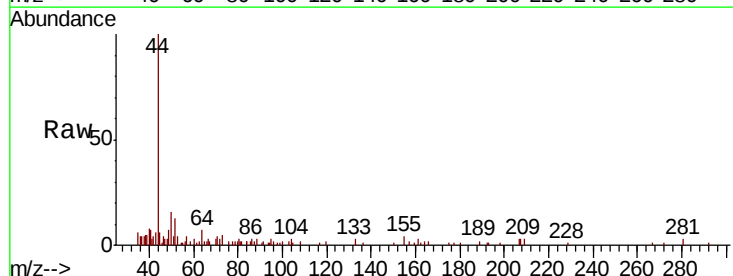
Acq: 29 Sep 2020 14:38

Tgt Ion: 50 Resp: 819

Ion Ratio Lower Upper

50 100

52 83.2 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

800

600

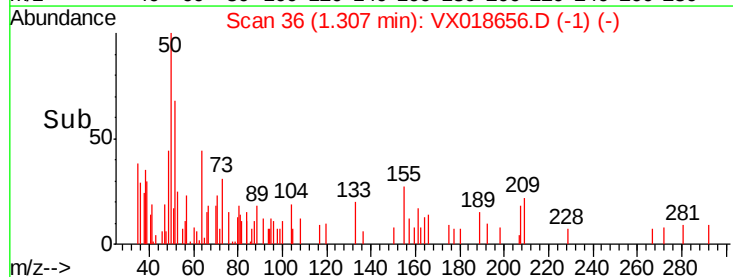
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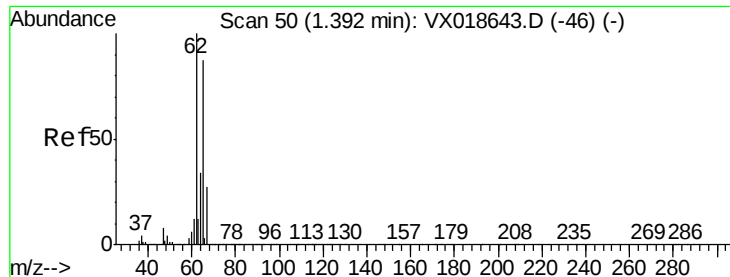
200

0

1.30 1.32 1.34

Time-->





#5

Vinyl chloride

Concen: 0.854 ug/L

RT: 1.37 min Scan# 47

Delta R.T. -0.02 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

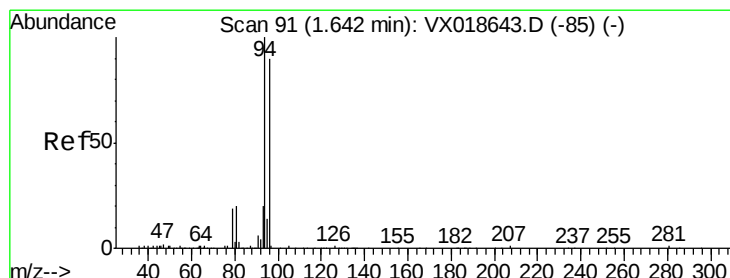
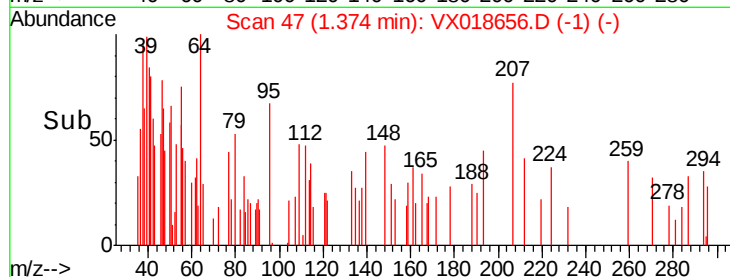
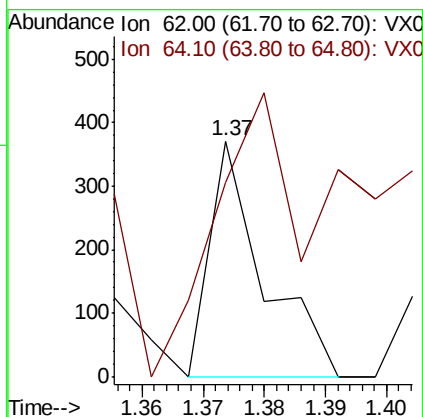
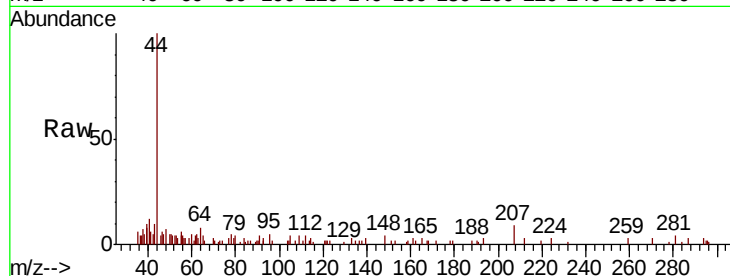
BG0F9

Tot Ion: 62 Resp: 225

Ion Ratio Lower Upper

62 100

64 82.2 23.6 43.8#



#6

Bromomethane

Concen: 2.489 ug/L

RT: 1.68 min Scan# 97

Delta R.T. 0.04 min

Lab File: VX018656.D

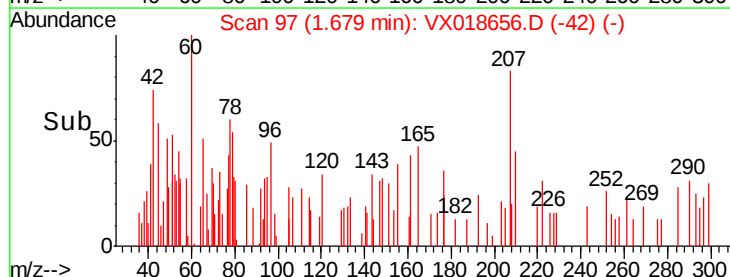
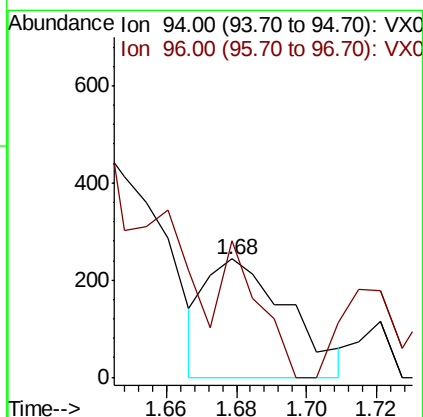
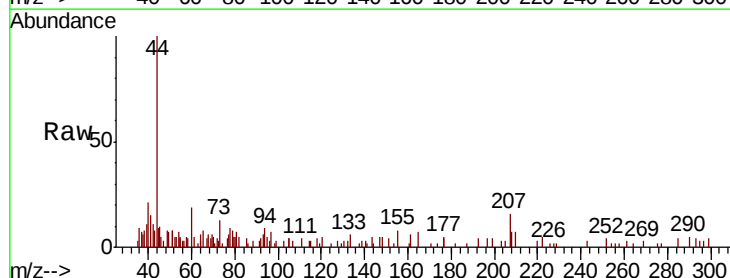
Acq: 29 Sep 2020 14:38

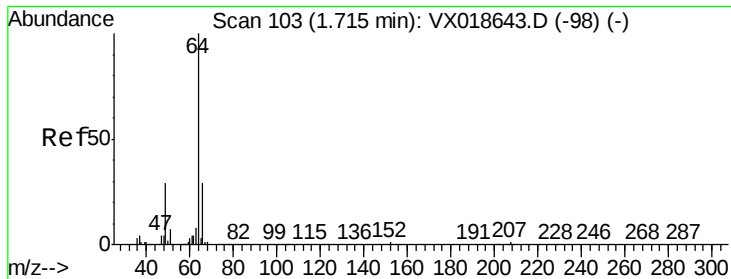
Tgt Ion: 94 Resp: 392

Ion Ratio Lower Upper

94 100

96 116.0 67.8 125.8

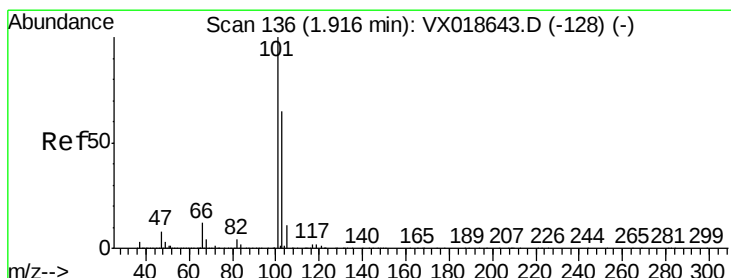
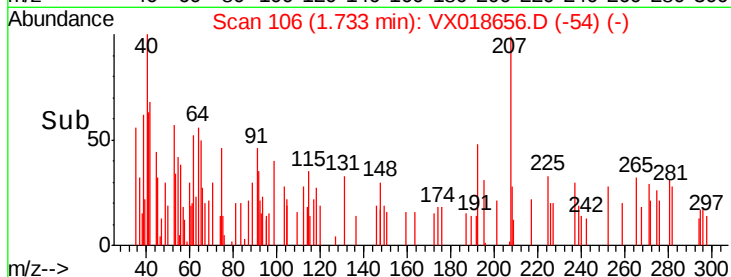
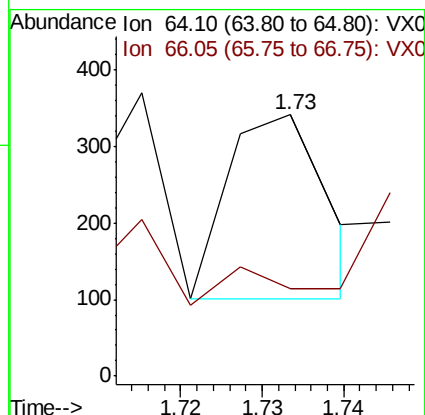
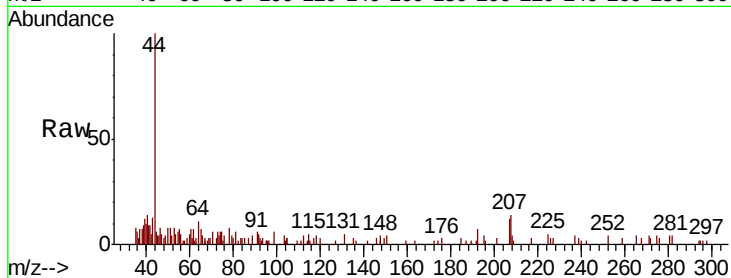




#8
Chloroethane
Concen: 1.394 ug/L
RT: 1.73 min Scan# 106
Delta R.T. 0.02 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

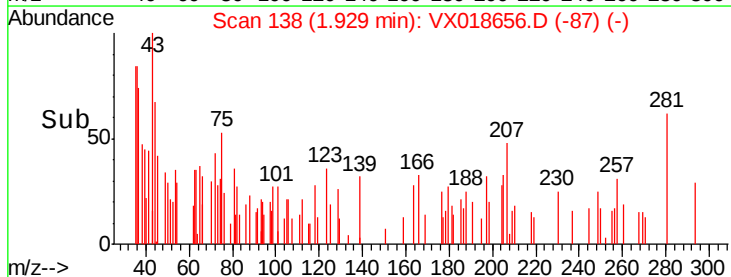
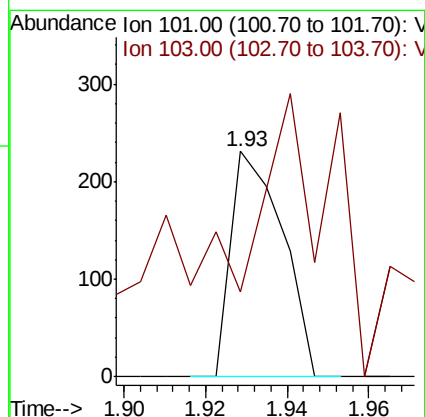
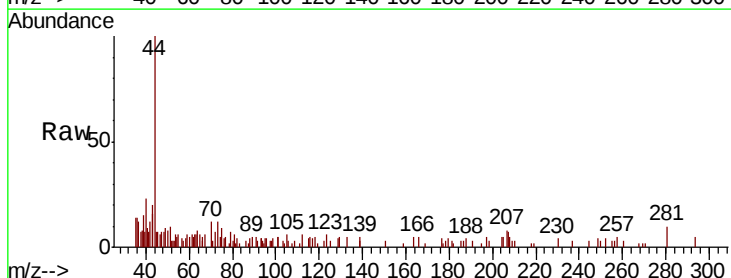
Instrument :
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BG0F9

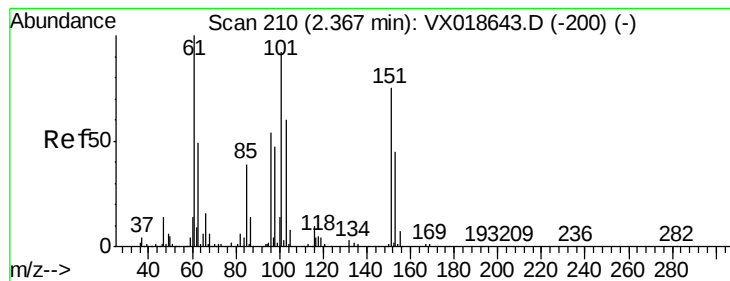
Tot Ion: 64 Resp: 202
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.445 ug/L
RT: 1.93 min Scan# 138
Delta R.T. 0.01 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

Tgt Ion: 101 Resp: 203
Ion Ratio Lower Upper
101 100
103 156.7 49.8 74.6#





#10

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

Concen: 0.176 ug/L

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

BG0F9

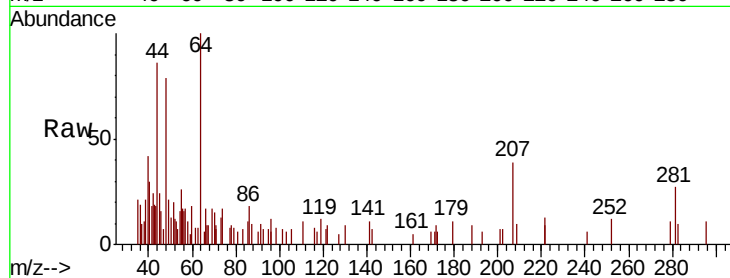
Tot Ion:101 Resp: 44

Ion Ratio Lower Upper

101 100

85 154.5 36.1 54.1#

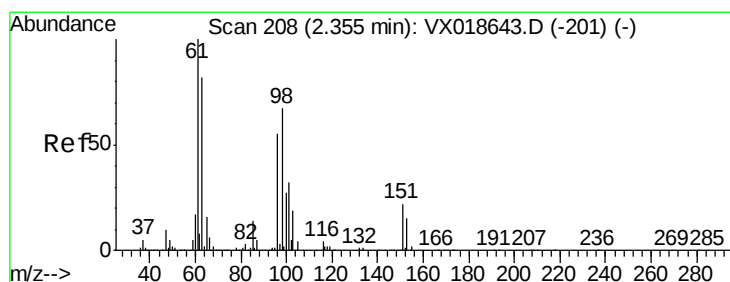
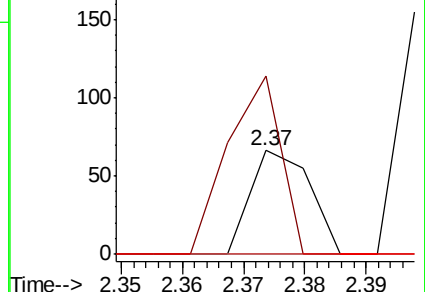
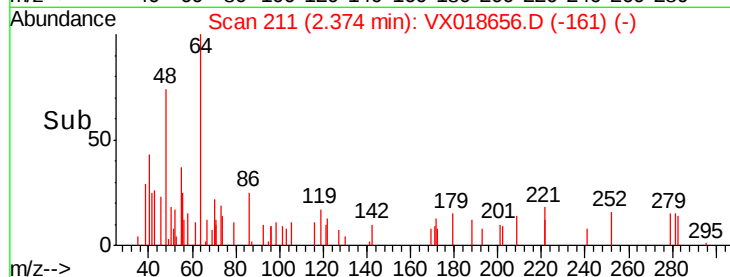
151 0.0 65.5 98.3#



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: 0.316 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

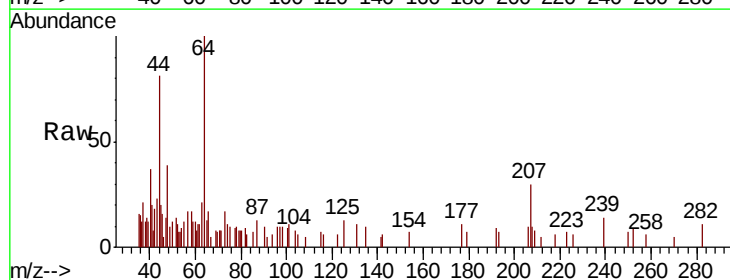
Tgt Ion: 96 Resp: 75

Ion Ratio Lower Upper

96 100

61 105.9 123.8 229.8#

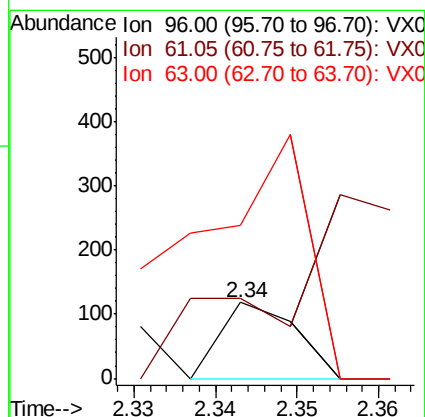
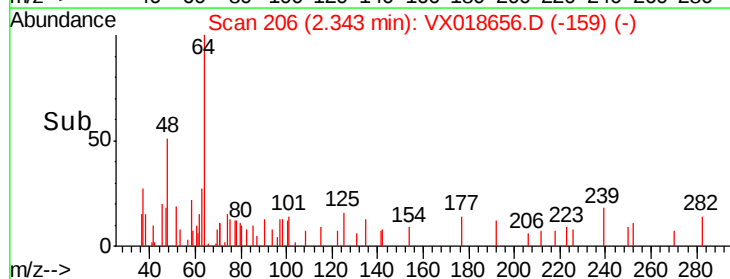
63 201.7 104.7 194.4#

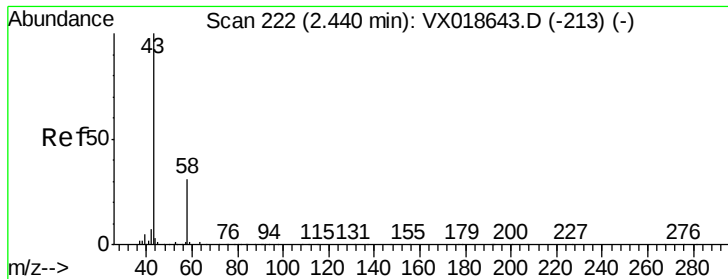


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 123.100 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.02 min

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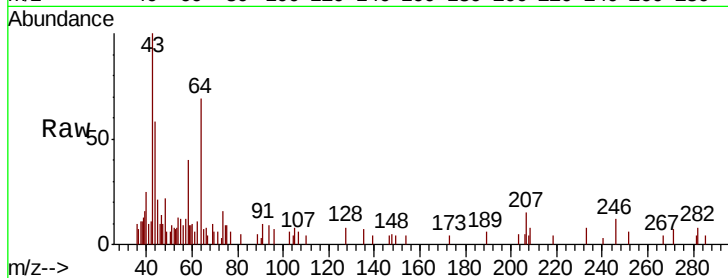
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Tot Ion: 43 Resp: 4424

Ion Ratio Lower Upper

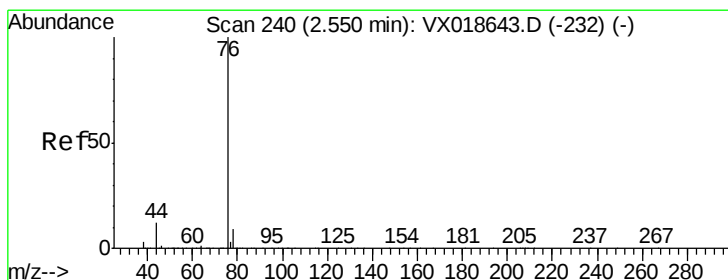
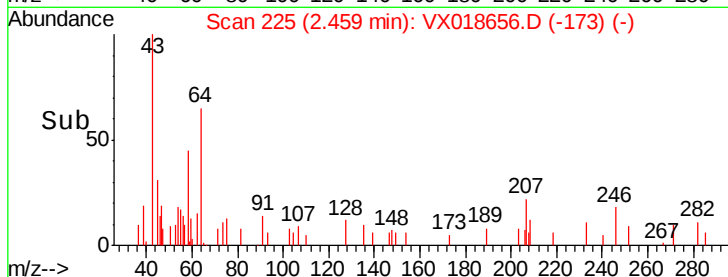
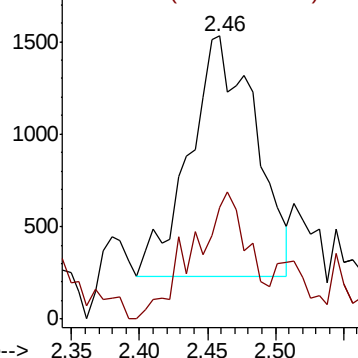
43 100

58 44.6 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 7.008 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018656.D

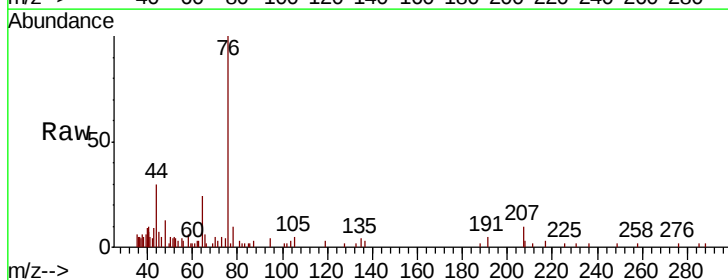
Acq: 29 Sep 2020 14:38

Tgt Ion: 76 Resp: 5062

Ion Ratio Lower Upper

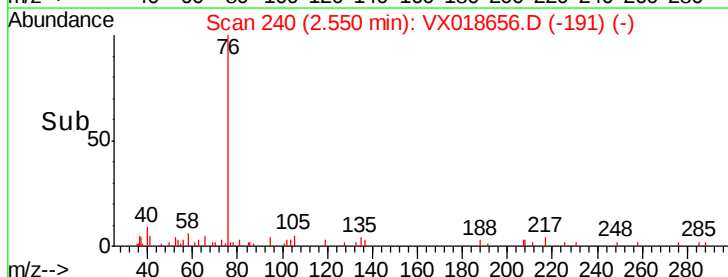
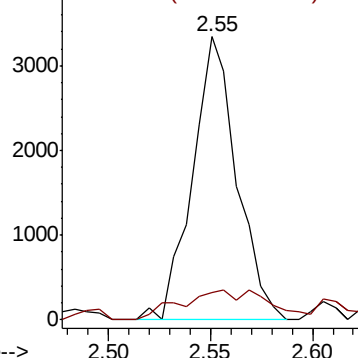
76 100

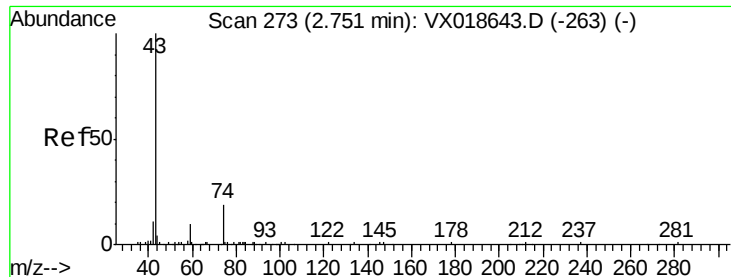
78 9.6 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

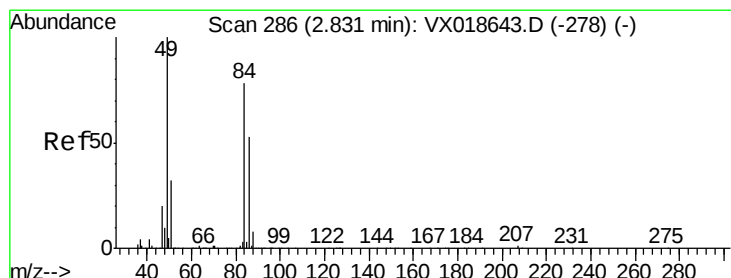
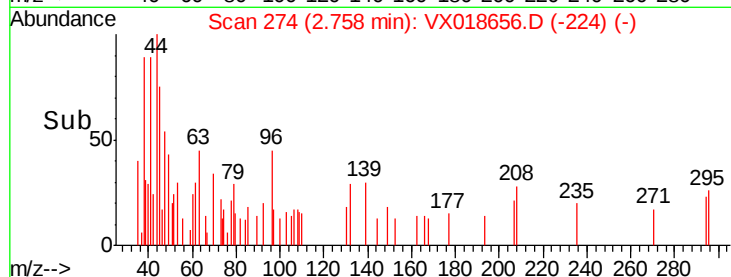
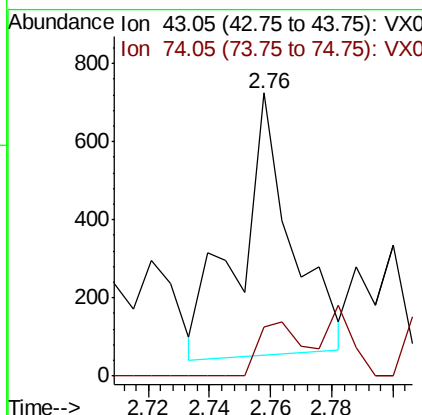
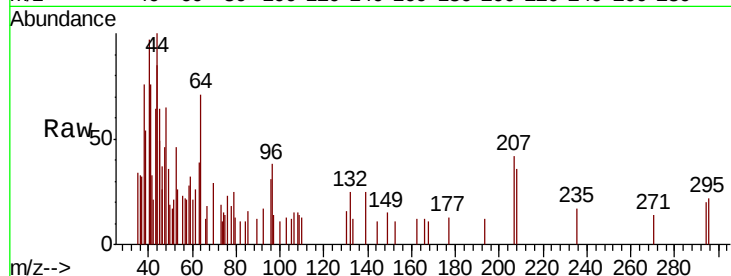




#15
Methyl Acetate
Concen: 8.063 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

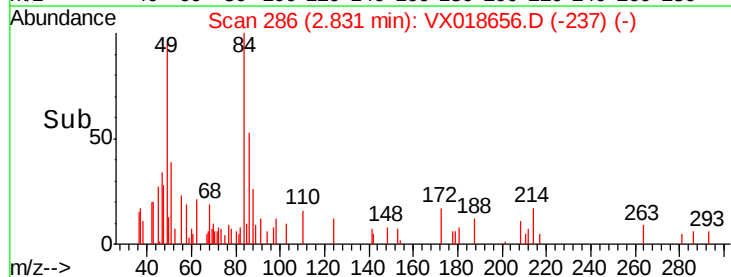
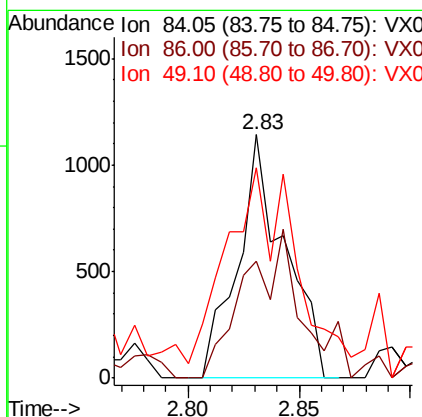
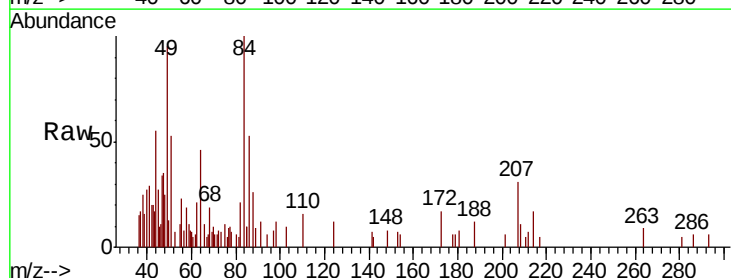
Instrument :
MSVOA_X
ClientSampled :
BG0F9

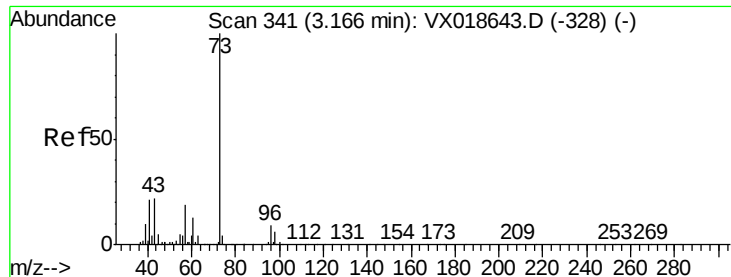
Tot Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
74 18.6 21.2 31.8#



#16
Methylene chloride
Concen: 5.133 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

Tgt Ion: 84 Resp: 1666
Ion Ratio Lower Upper
84 100
86 48.0 41.9 77.7
49 98.2 80.8 150.2

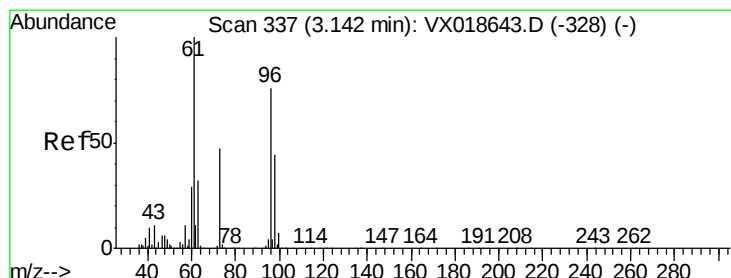
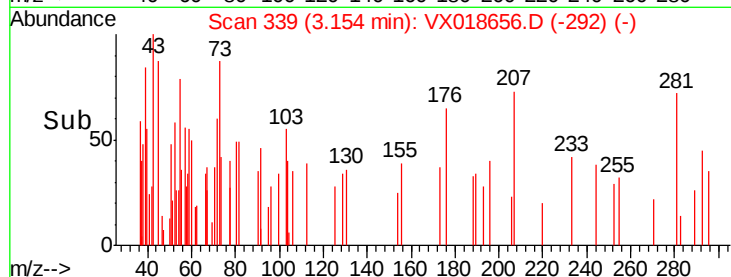
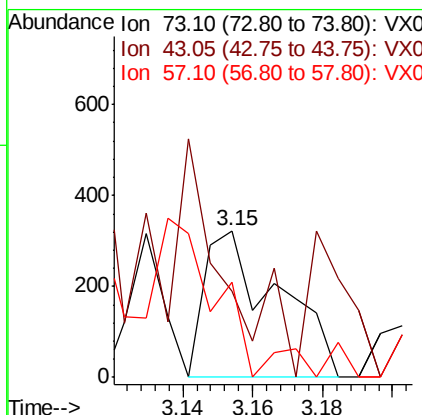
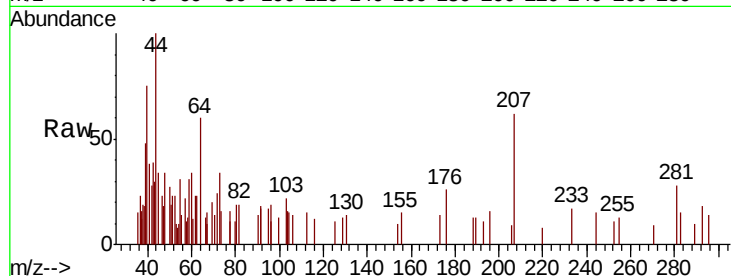




#17
Methvl tert-butvl Ether
Concen: 0.887 ug/L
RT: 3.15 min Scan# 339
Delta R.T. -0.01 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

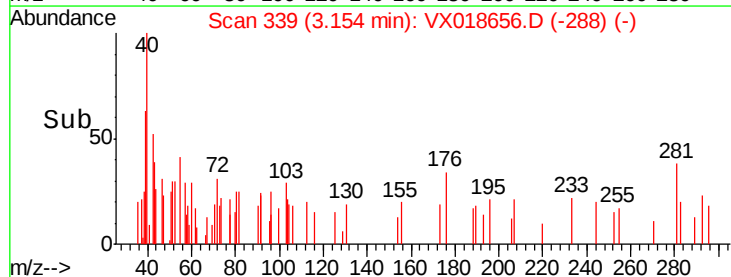
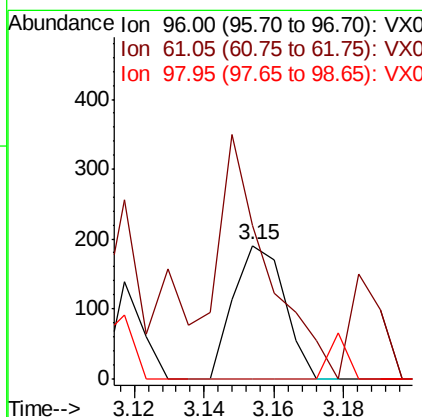
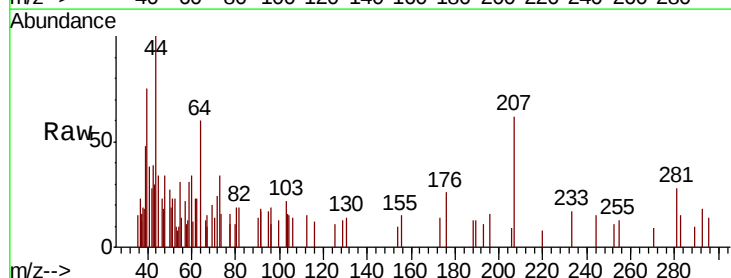
Instrument :
MSVOA_X
ClientSampled :
BG0F9

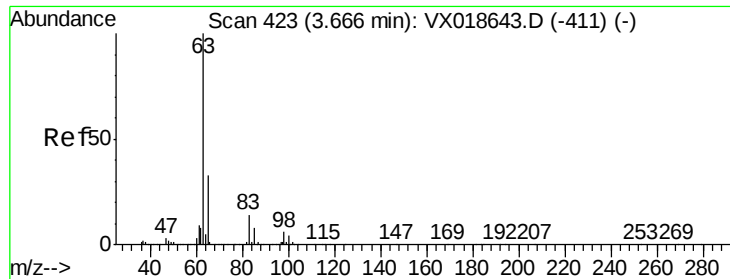
Tot Ion: 73 Resp: 469
Ion Ratio Lower Upper
73 100
43 72.3 18.6 27.8#
57 4.9 17.3 25.9#



#18
trans-1,2-Dichloroethene
Concen: 0.809 ug/L
RT: 3.15 min Scan# 339
Delta R.T. 0.01 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

Tgt Ion: 96 Resp: 192
Ion Ratio Lower Upper
96 100
61 115.8 97.3 180.7
98 0.0 46.6 86.6#





#19

1,1-Dichloroethane

Concen: 0.564 ug/L

RT: 3.41 min Scan# 381

Delta R.T. -0.26 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

BG0F9

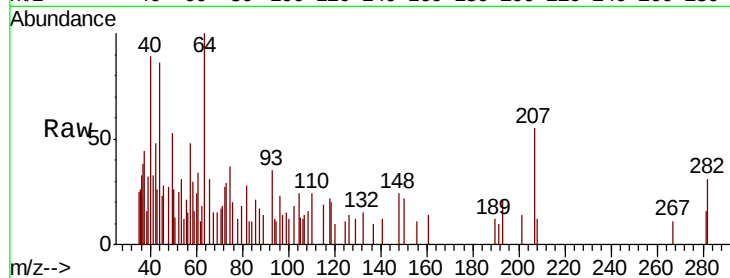
Tot Ion: 63 Resp: 240

Ion Ratio Lower Upper

63 100

65 30.6 22.7 42.1

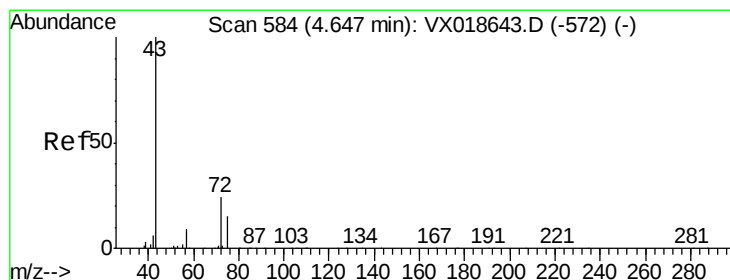
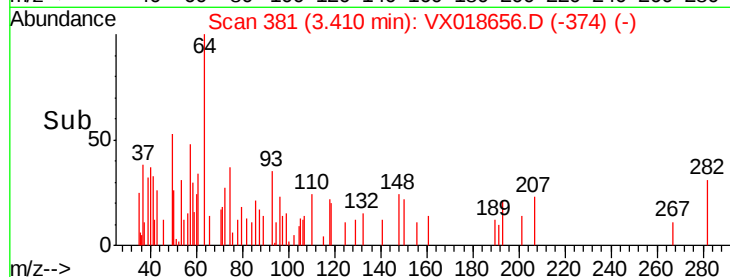
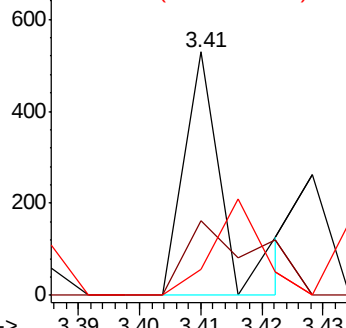
83 10.8 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



#21

2-Butanone

Concen: 8.082 ug/L

RT: 4.59 min Scan# 574

Delta R.T. -0.06 min

Lab File: VX018656.D

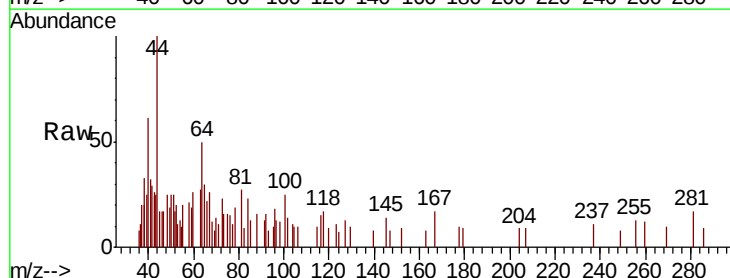
Acq: 29 Sep 2020 14:38

Tgt Ion: 43 Resp: 461

Ion Ratio Lower Upper

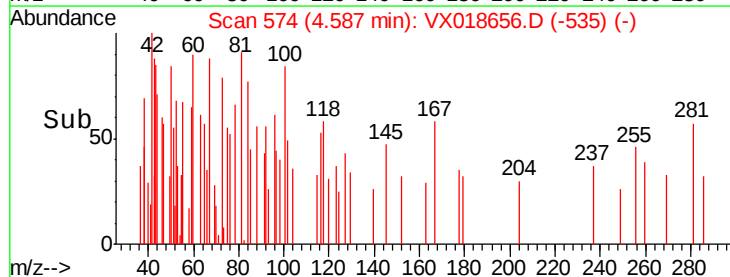
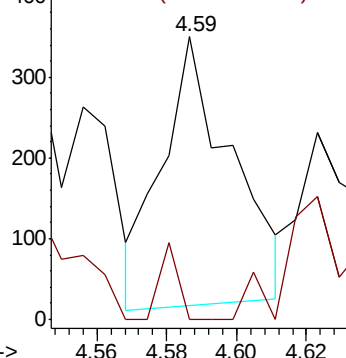
43 100

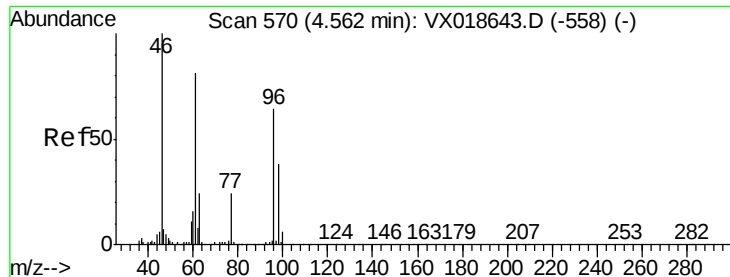
72 7.6 5.2 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



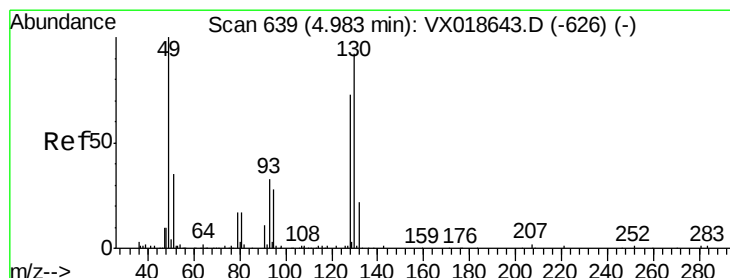
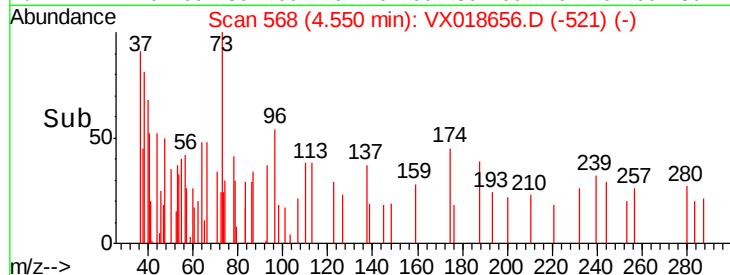
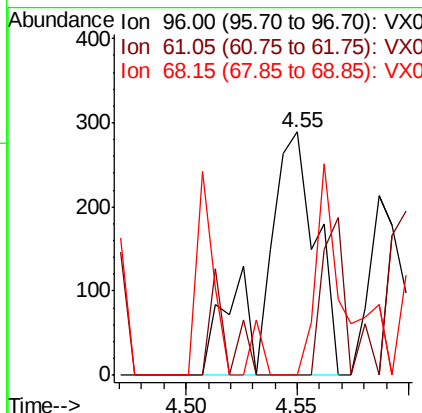
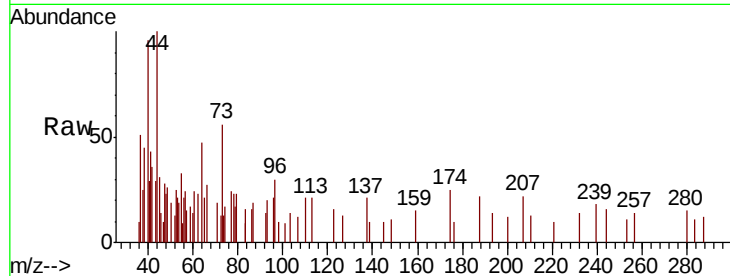


#22

cis-1,2-Dichloroethene
 Concen: 1.941 ug/L
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Instrument :
 MSVOA_X
 ClientSampled :
 BG0F9

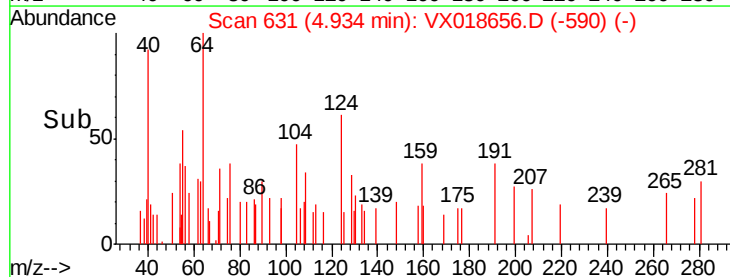
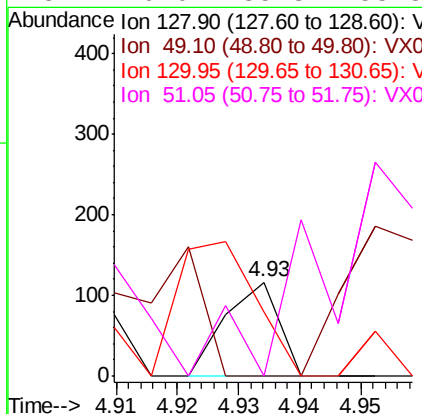
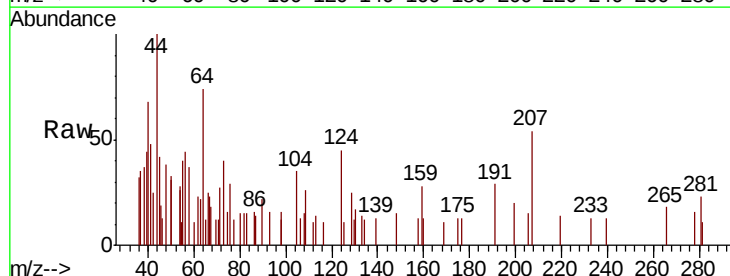
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	87.7	162.9#
68	0.0	0.3	0.7#

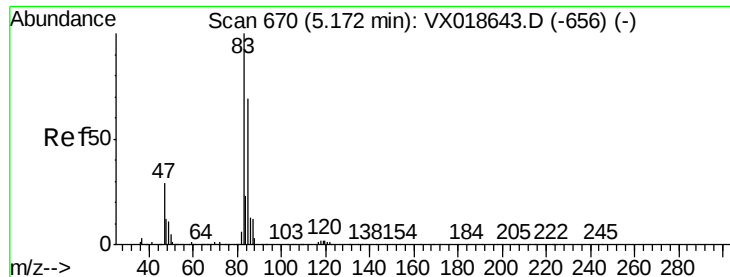


#23

Bromochloromethane
 Concen: 0.598 ug/L
 RT: 4.93 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
128	100		
49	0.0	105.2	195.4#
130	69.0	100.6	186.8#
51	0.0	35.8	53.8#





#25

Chloroform

Concen: 0.309 ug/L

RT: 5.19 min Scan# 673

Delta R.T. 0.02 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

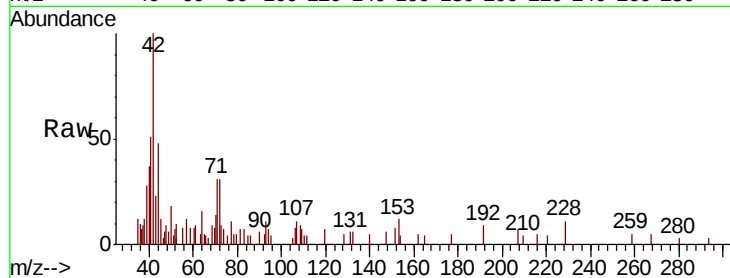
BG0F9

Tot Ion: 83 Resp: 144

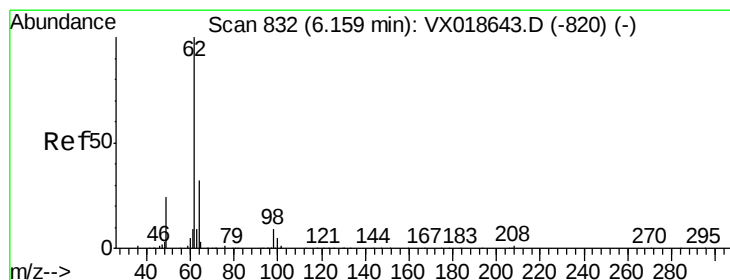
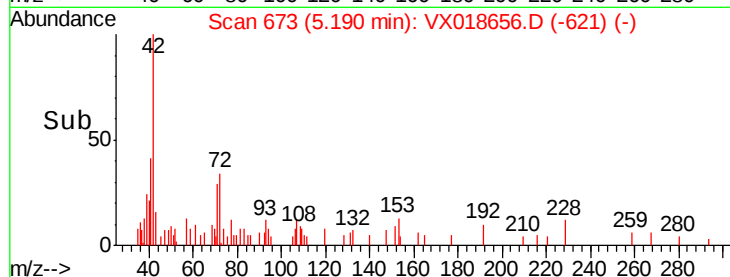
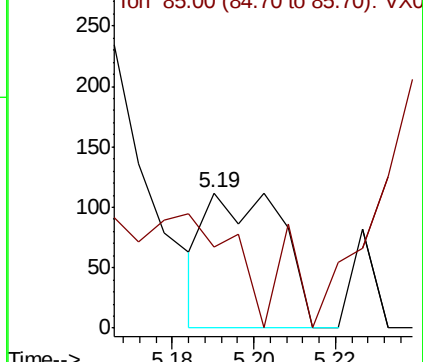
Ion Ratio Lower Upper

83 100

85 59.8 41.8 77.6



Abundance Ion 83.05 (82.75 to 83.75): VX0



#27

1,2-Dichloroethane

Concen: 1.111 ug/L

RT: 6.18 min Scan# 835

Delta R.T. 0.02 min

Lab File: VX018656.D

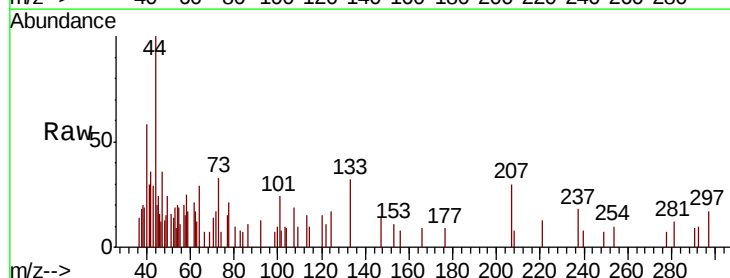
Acq: 29 Sep 2020 14:38

Tgt Ion: 62 Resp: 327

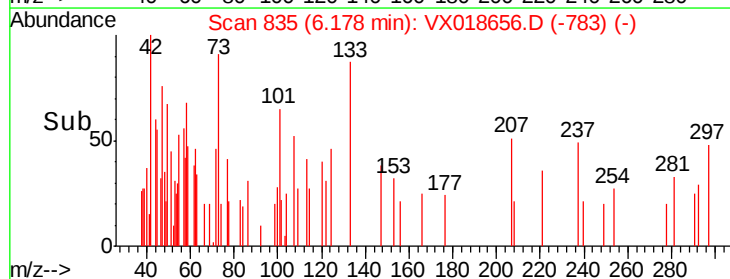
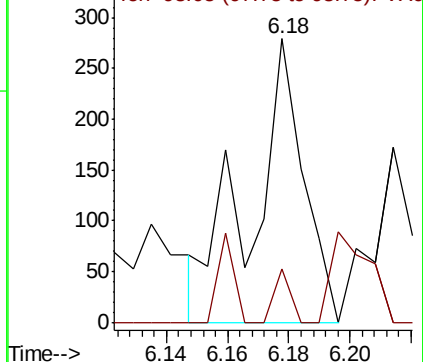
Ion Ratio Lower Upper

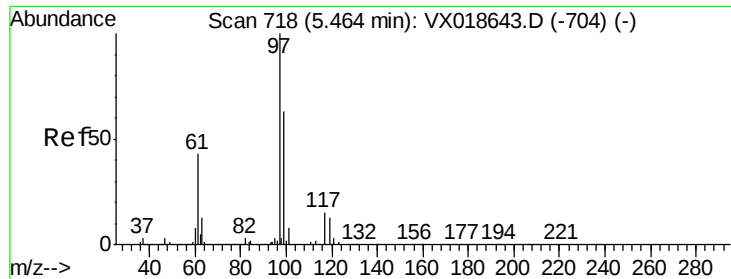
62 100

98 19.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VX0

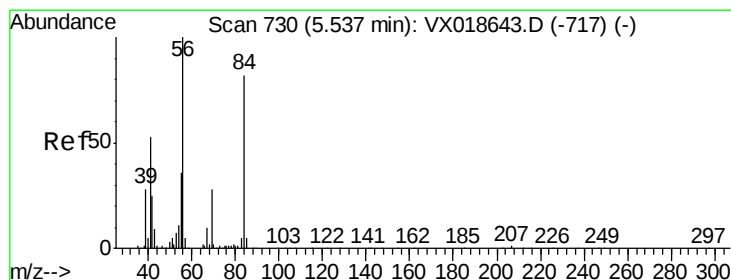
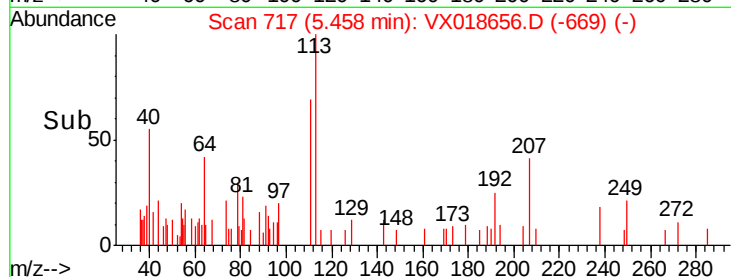
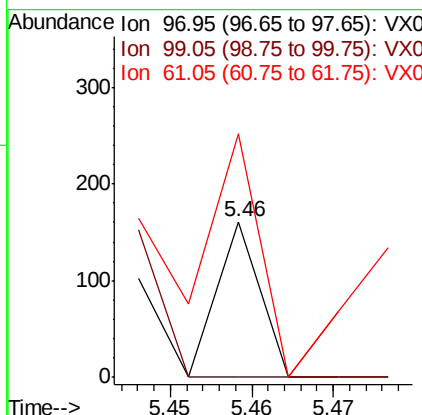
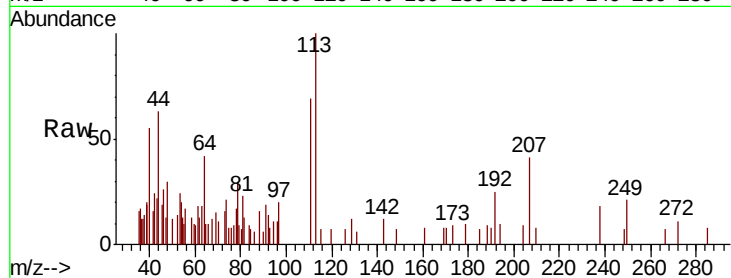




#29
 1,1,1-Trichloroethane
 Concen: 0.327 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

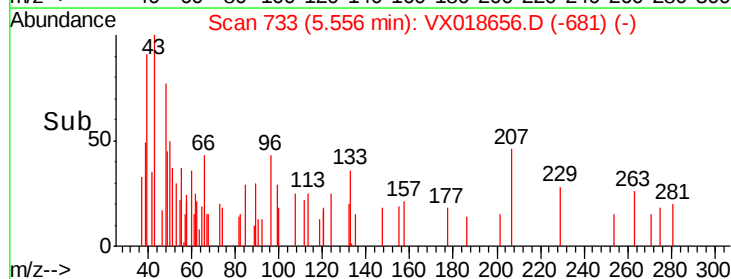
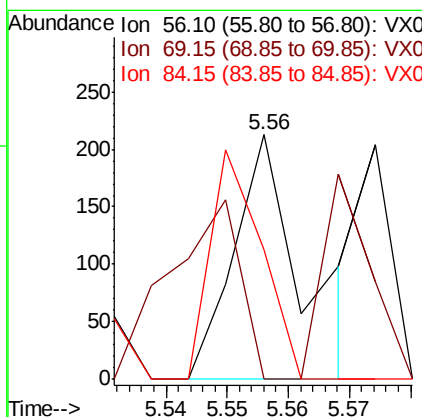
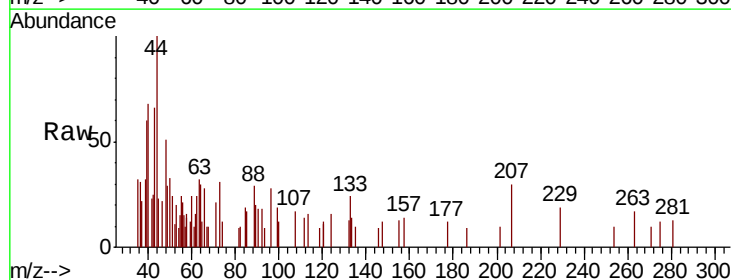
Instrument :
 MSVOA_X
 ClientSampled :
 BG0F9

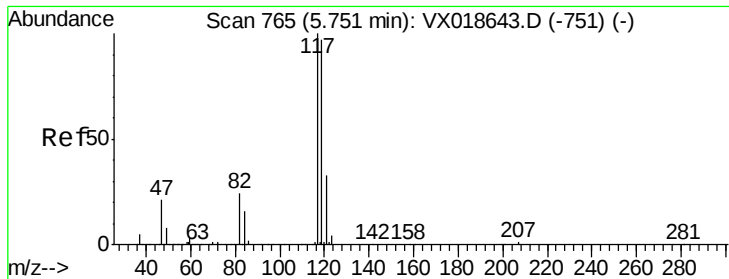
Tot Ion	Ratio	Lower	Upper
97	100		
99	249.2	50.0	75.0#
61	359.3	33.9	50.9#



#30
 Cyclohexane
 Concen: 1.150 ug/L
 RT: 5.56 min Scan# 733
 Delta R.T. 0.02 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion	Ratio	Lower	Upper
56	100		
69	75.8	26.4	39.6#
84	69.7	72.7	109.1#





#31

Carbon tetrachloride

Concen: 0.601 ug/L

RT: 5.79 min Scan# 771

Delta R.T. 0.04 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

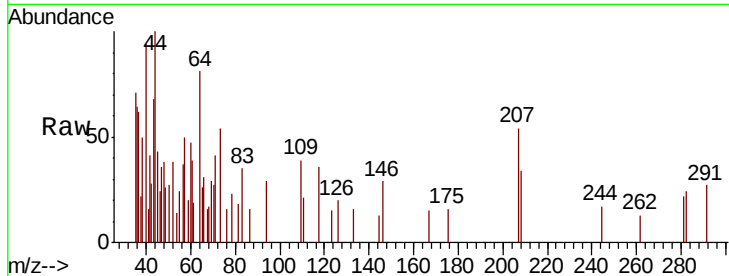
BG0F9

Tot Ion:117 Resp: 100

Ion Ratio Lower Upper

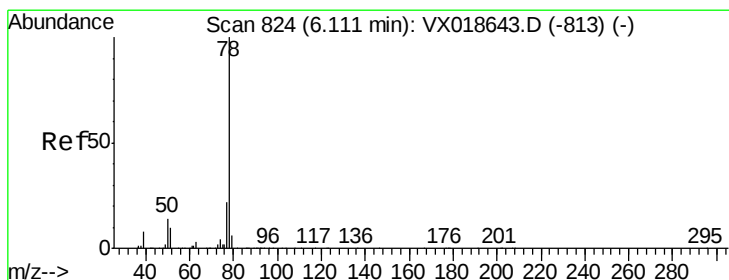
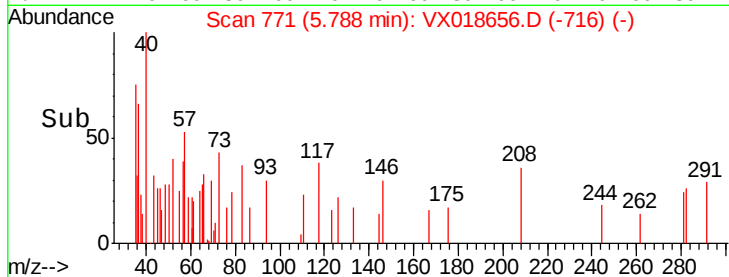
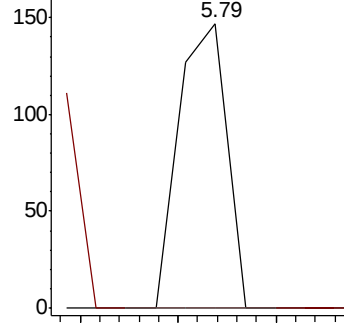
117 100

119 61.0 76.3 114.5#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.748 ug/L

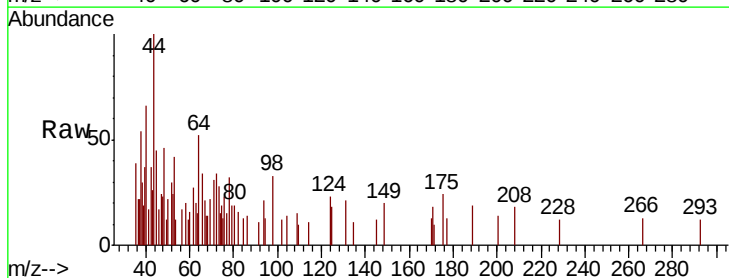
RT: 6.10 min Scan# 822

Delta R.T. -0.01 min

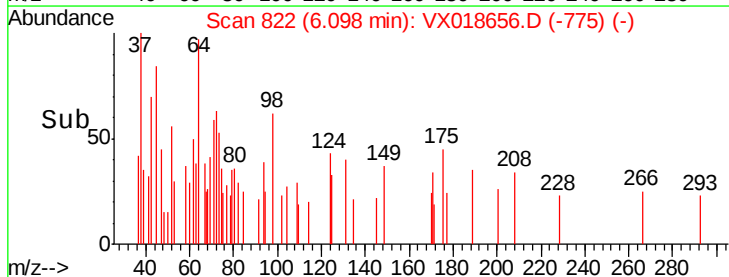
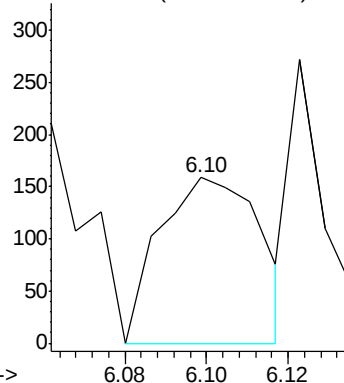
Lab File: VX018656.D

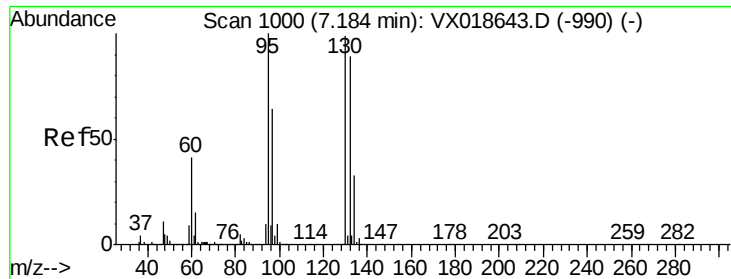
Acq: 29 Sep 2020 14:38

Tgt Ion: 78 Resp: 273



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 0.237 ug/L

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

BG0F9

Tot Ion: 95 Resp: 25

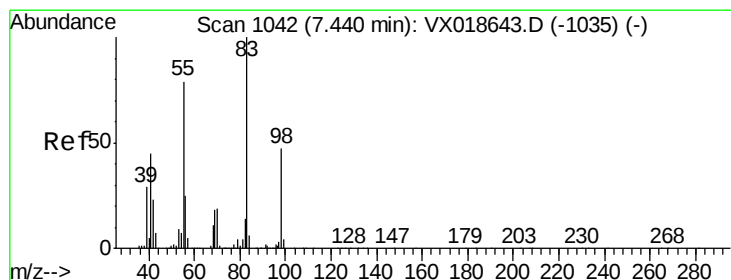
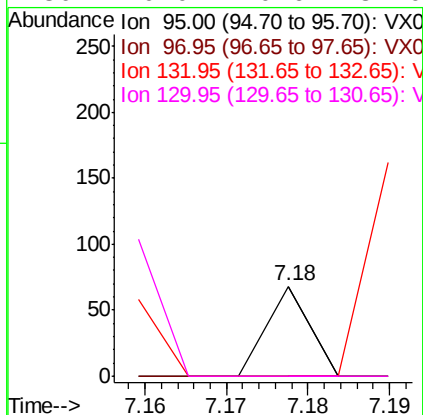
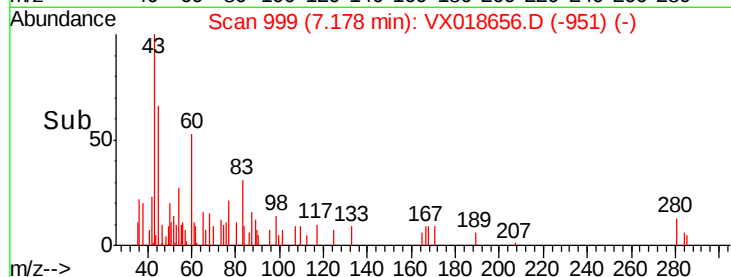
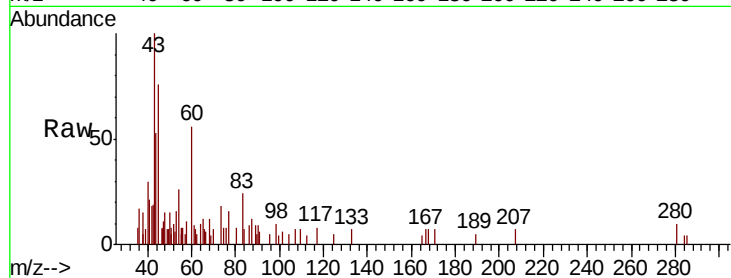
Ion Ratio Lower Upper

95 100

97 0.0 40.6 75.4#

132 0.0 64.3 119.5#

130 0.0 70.6 131.0#



#35

Methylcyclohexane

Concen: 1.306 ug/L

RT: 7.18 min Scan# 999

Delta R.T. -0.26 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

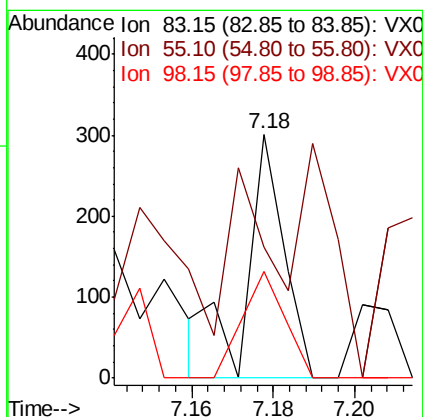
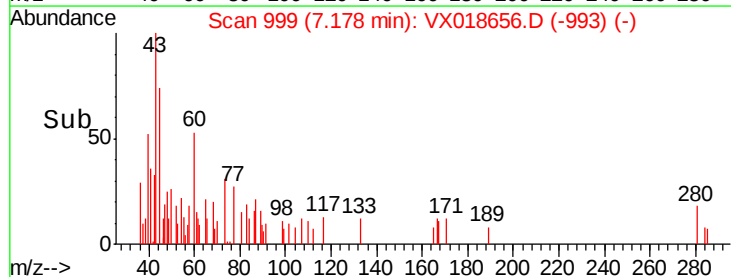
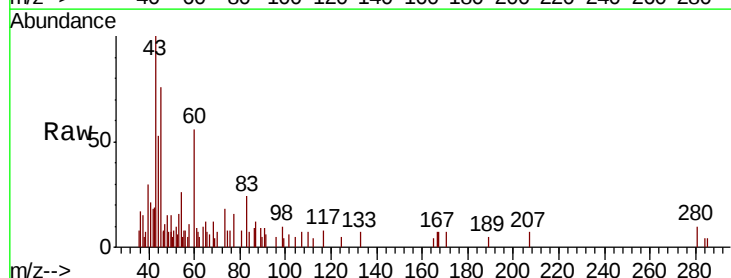
Tgt Ion: 83 Resp: 192

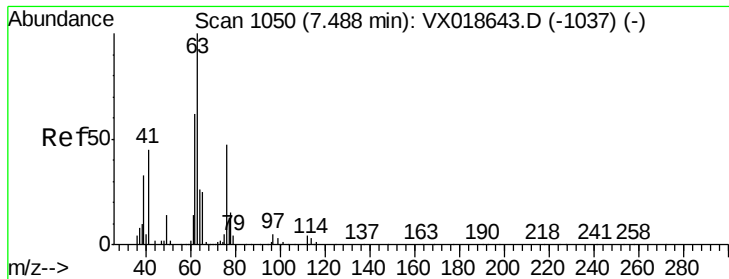
Ion Ratio Lower Upper

83 100

55 71.9 67.4 101.0

98 49.5 41.1 61.7

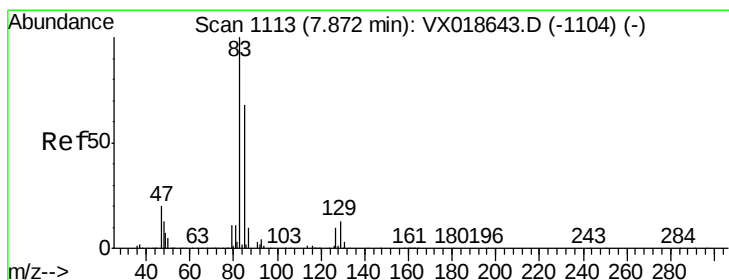
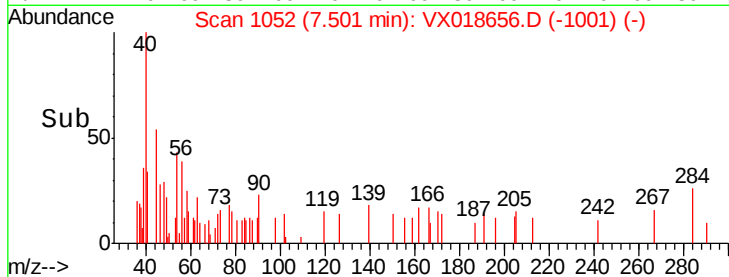
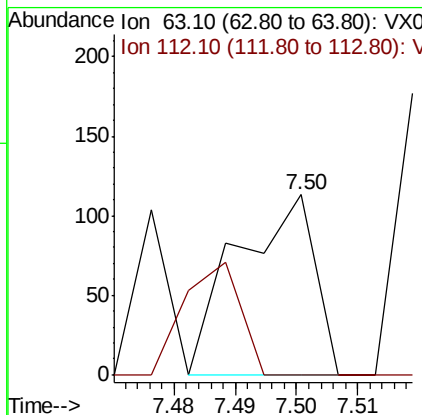
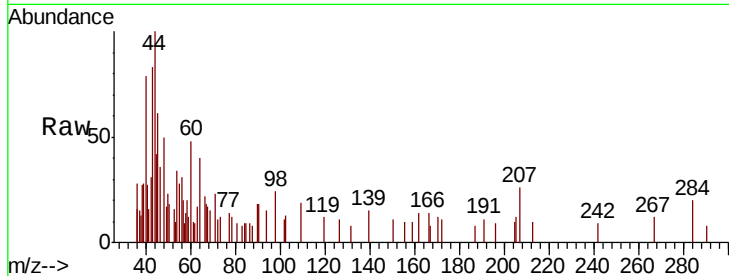




#37
 1,2-Dichloropropane
 Concen: 1.016 ug/L
 RT: 7.50 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

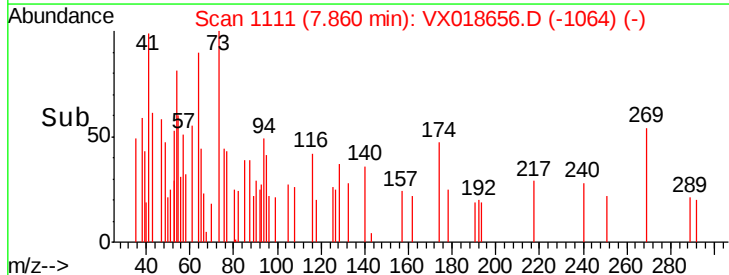
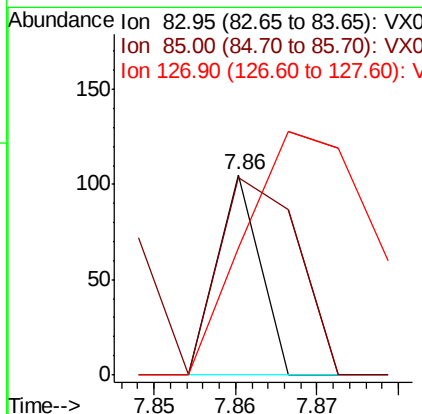
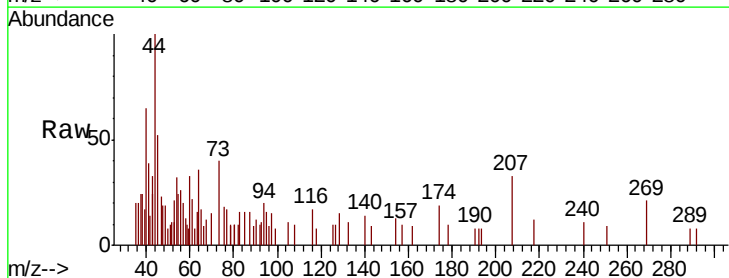
Instrument :
 MSVOA_X
 ClientSampled :
 BG0F9

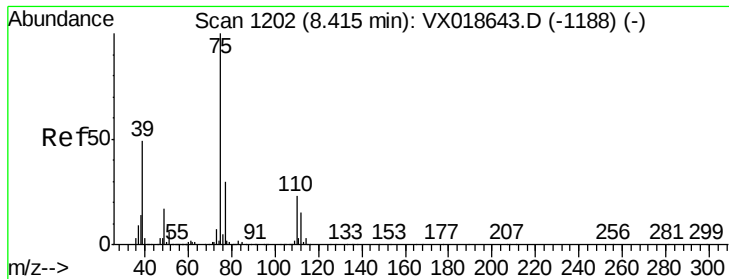
Tot Ion: 63 Resp: 99
 Ion Ratio Lower Upper
 63 100
 112 45.5 4.1 6.1#



#38
 Bromodichloromethane
 Concen: 0.289 ug/L
 RT: 7.86 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion: 83 Resp: 38
 Ion Ratio Lower Upper
 83 100
 85 99.0 45.2 84.0#
 127 63.8 8.2 12.2#





#39

cis-1,3-Dichloropropene

Concen: 1.469 ug/L

RT: 8.27 min Scan# 1179

Delta R.T. -0.14 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampled :

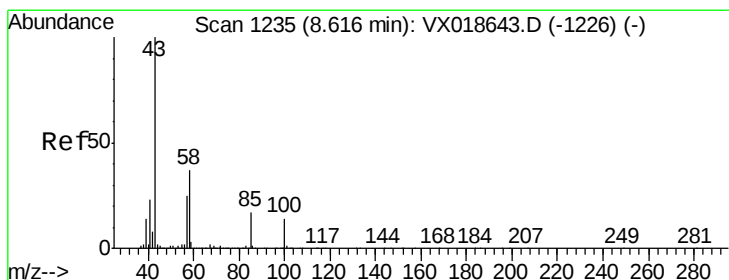
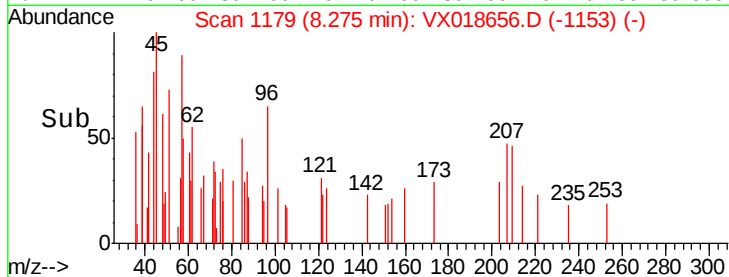
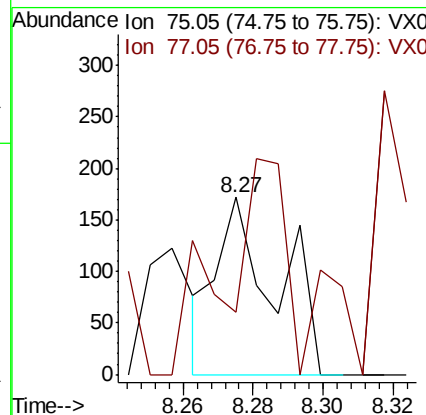
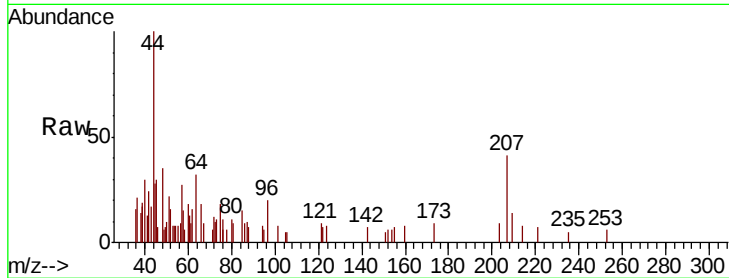
BG0F9

Tot Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

77 35.5 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 10.184 ug/L

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

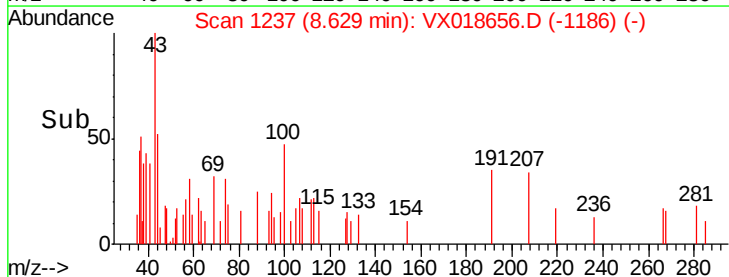
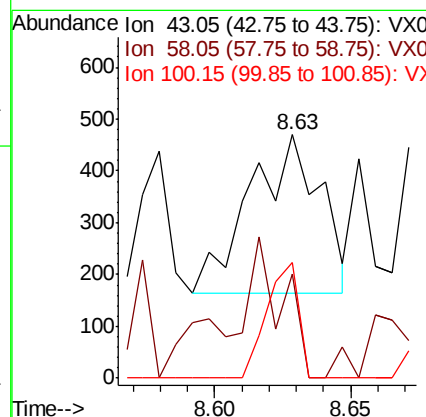
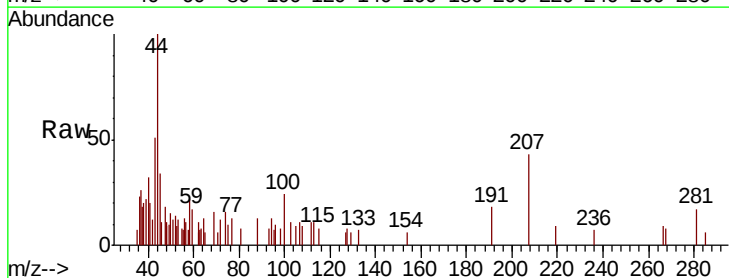
Tgt Ion: 43 Resp: 550

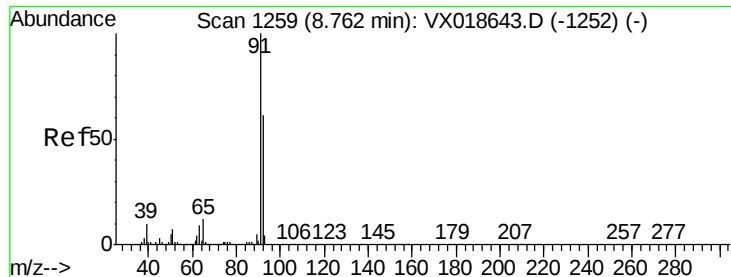
Ion Ratio Lower Upper

43 100

58 63.6 30.2 45.4#

100 32.5 11.8 17.8#





#42

Toluene

Concen: 6.995 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

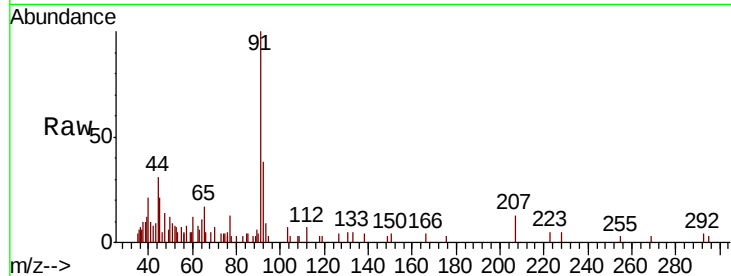
BG0F9

Tot Ion: 91 Resp: 2759

Ion Ratio Lower Upper

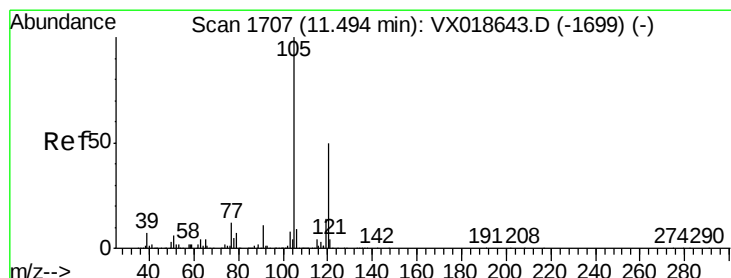
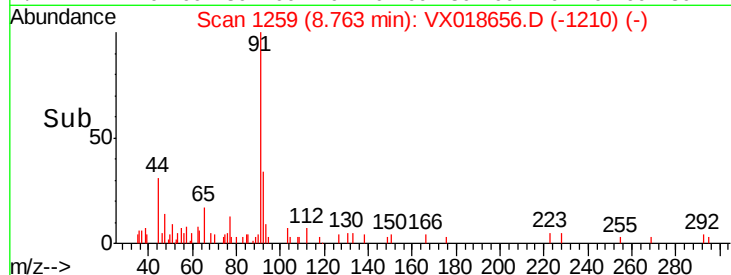
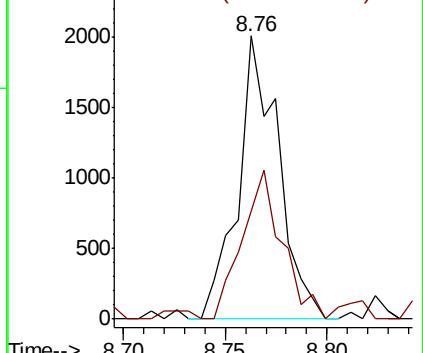
91 100

92 38.4 41.1 76.3#



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 0.484 ug/L

RT: 11.45 min Scan# 1699

Delta R.T. -0.05 min

Lab File: VX018656.D

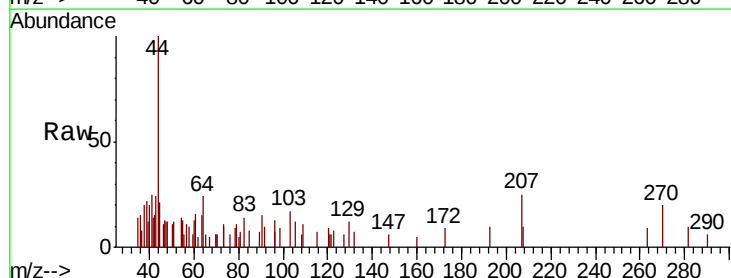
Acq: 29 Sep 2020 14:38

Tgt Ion:105 Resp: 167

Ion Ratio Lower Upper

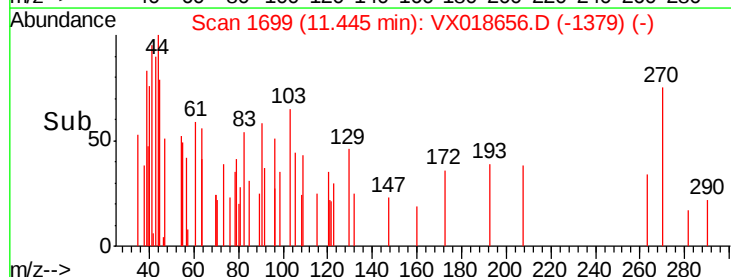
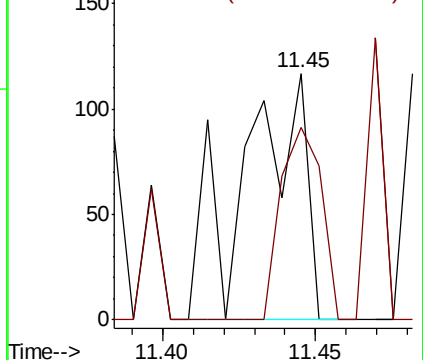
105 100

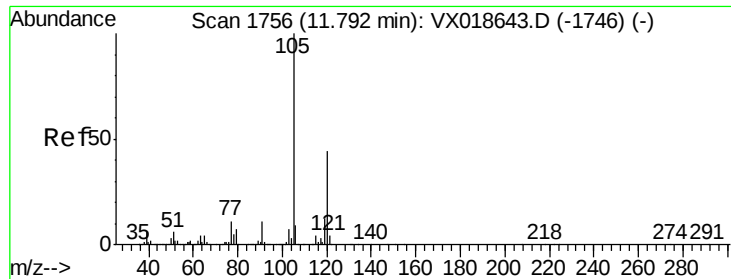
120 50.9 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

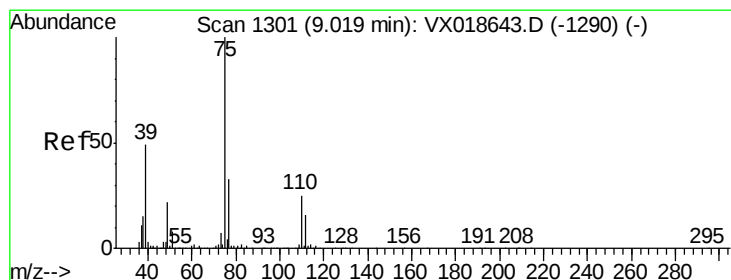
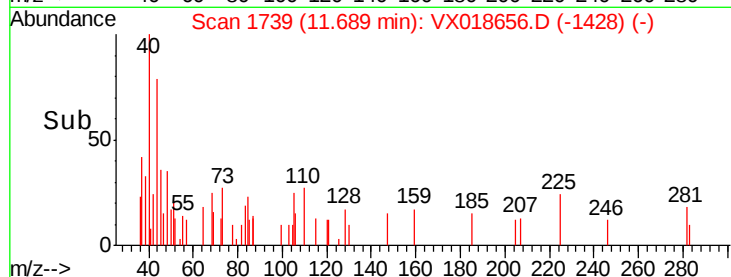
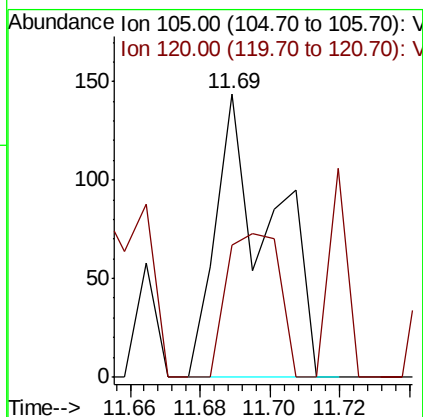
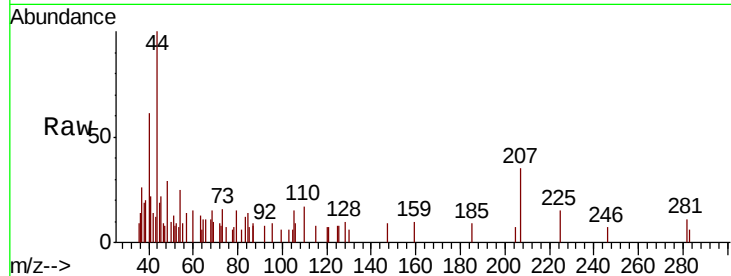




#44
 1,2,4-Trimethylbenzene
 Concen: 0.461 ug/L
 RT: 11.69 min Scan# 1739
 Delta R.T. -0.10 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

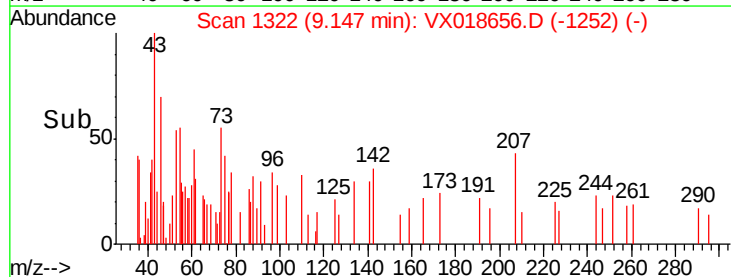
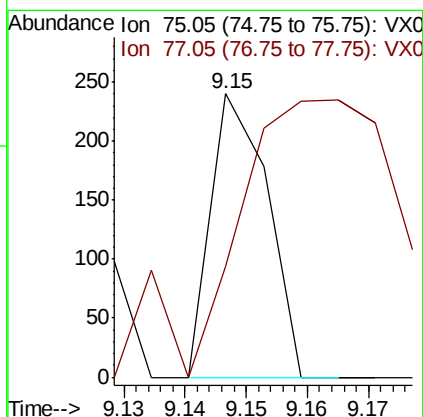
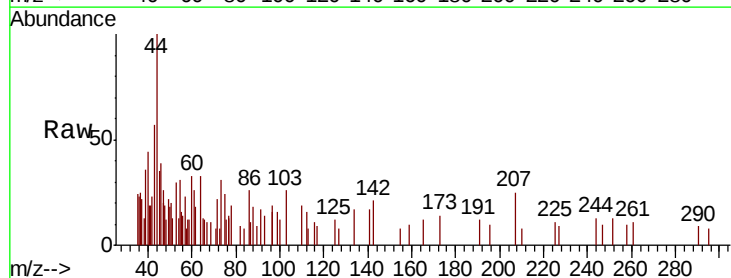
Instrument :
 MSVOA_X
 ClientSampleId :
 BG0F9

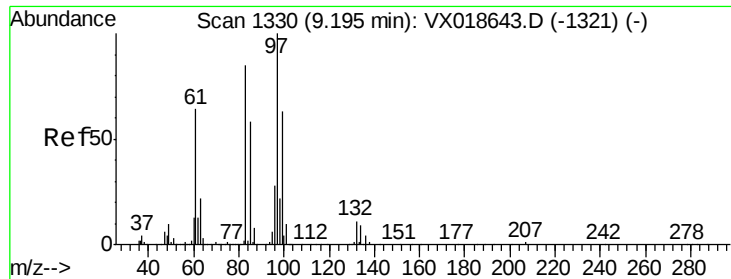
Tot Ion:105 Resp: 159
 Ion Ratio Lower Upper
 105 100
 120 48.4 36.8 55.2



#46
 trans-1,3-Dichloropropene
 Concen: 1.214 ug/L
 RT: 9.15 min Scan# 1322
 Delta R.T. 0.13 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion: 75 Resp: 153
 Ion Ratio Lower Upper
 75 100
 77 39.2 21.2 39.4

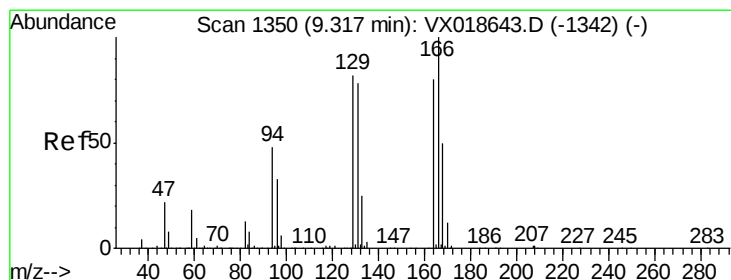
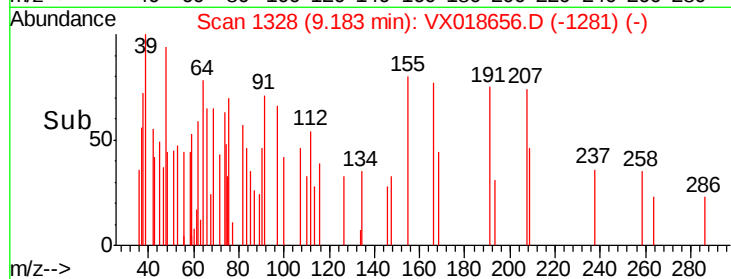
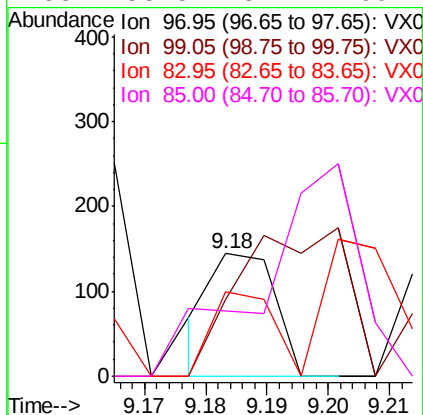
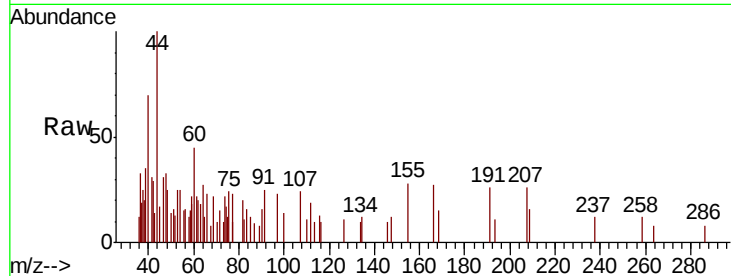




#47
1,1,2-Trichloroethane
Concen: 1.473 ug/L
RT: 9.18 min Scan# 1328
Delta R.T. -0.01 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

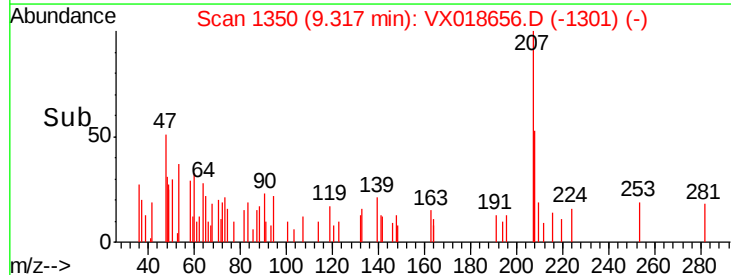
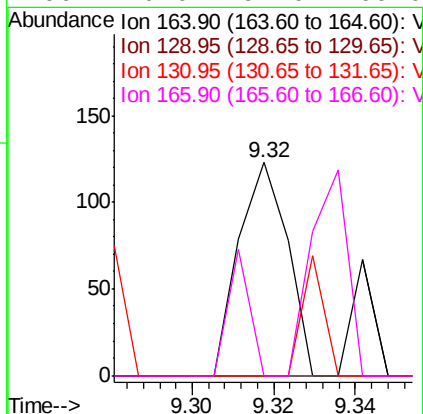
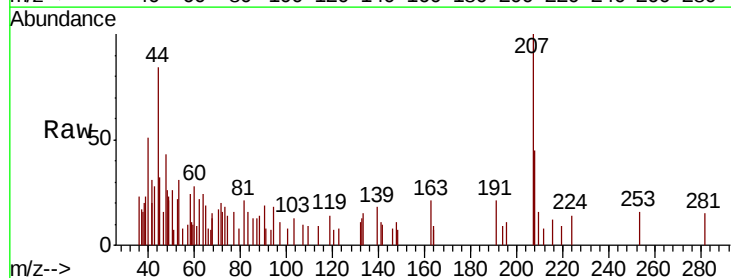
Instrument :
MSVOA_X
ClientSampled :
BG0F9

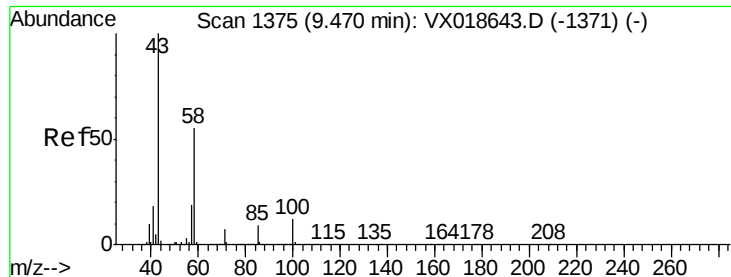
Tot Ion:	97	Resp:	103
Ion	Ratio	Lower	Upper
97	100		
99	63.2	38.9	72.2
83	69.4	61.9	114.9
85	53.5	37.2	69.2



#49
Tetrachloroethene
Concen: 1.226 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

Tgt Ion:	164	Resp:	102
Ion	Ratio	Lower	Upper
164	100		
129	0.0	65.9	122.3#
131	0.0	61.4	114.0#
166	0.0	91.0	169.0#

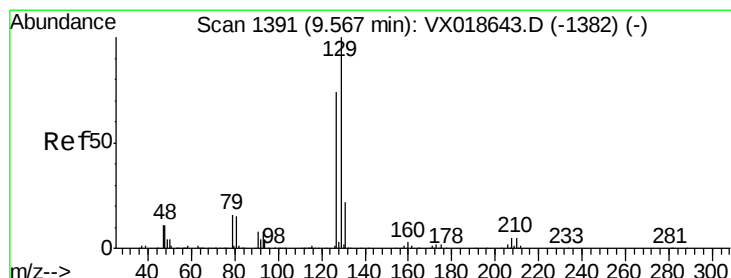
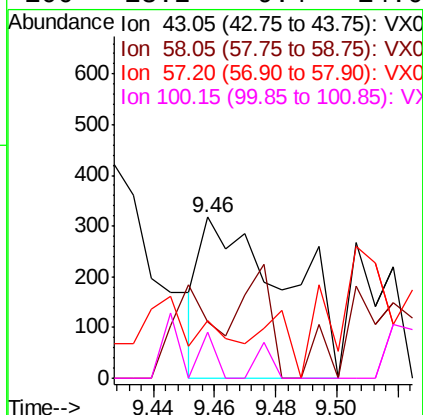
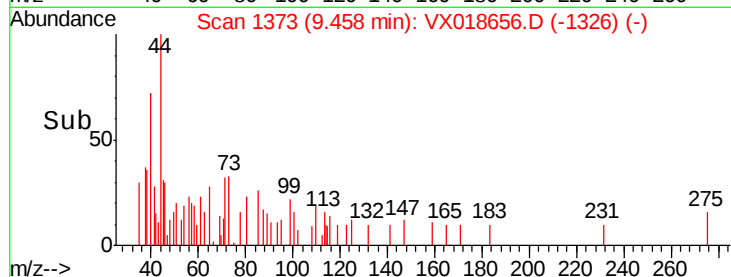
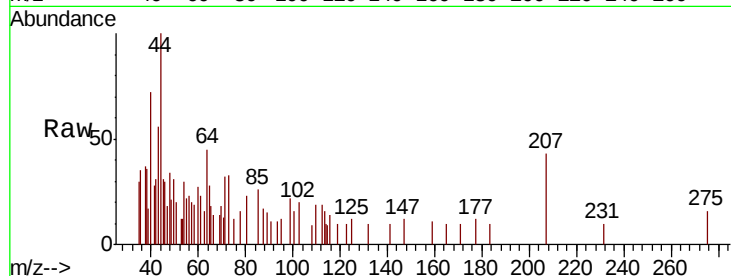




#50
2-Hexanone
Concen: 15.905 ug/L
RT: 9.46 min Scan# 1373
Delta R.T. -0.01 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

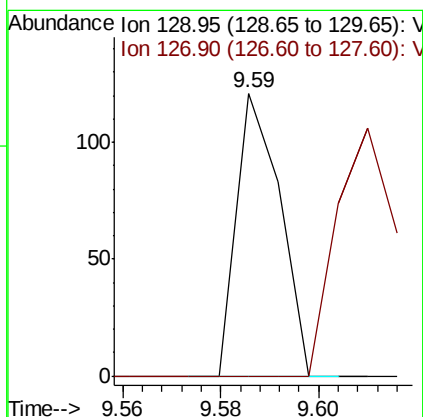
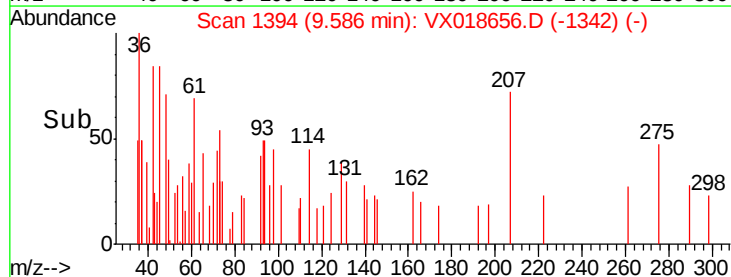
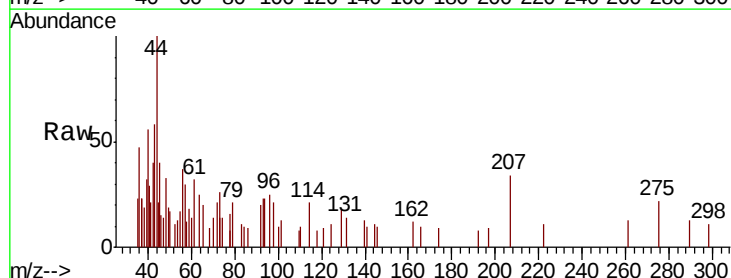
Instrument :
MSVOA_X
ClientSampleId :
BG0F9

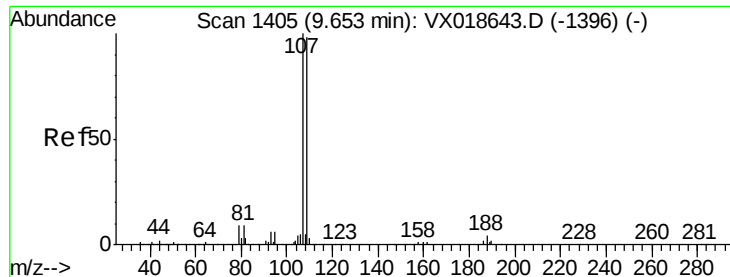
Tot Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 28.9 42.5 63.7#
57 13.3 15.9 23.9#
100 13.2 9.4 14.0



#51
Dibromochloromethane
Concen: 0.820 ug/L
RT: 9.59 min Scan# 1394
Delta R.T. 0.02 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

Tgt Ion: 129 Resp: 75
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#

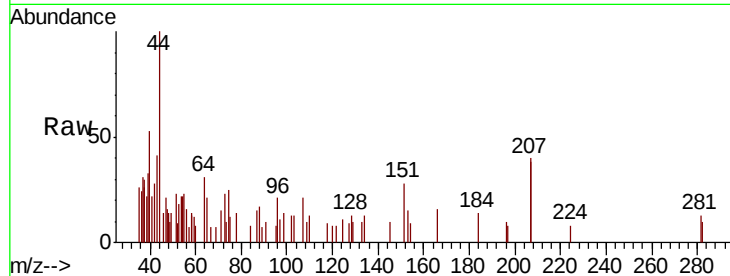




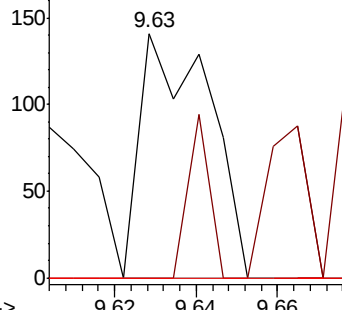
#52
 1,2-Dibromoethane
 Concen: 2.548 ug/L
 RT: 9.63 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0F9

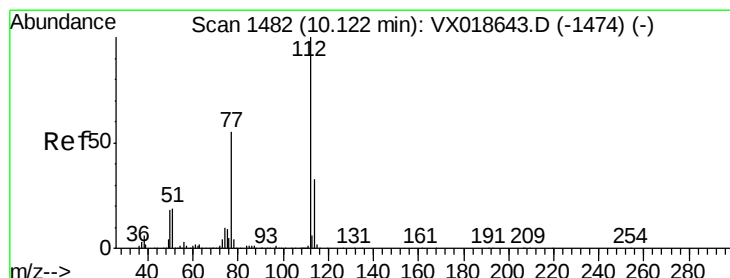
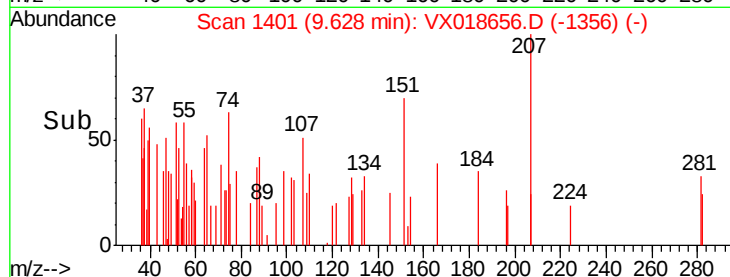
Tot Ion	Ratio	Lower	Upper
107	100		
109	0.0	63.4	117.8#
188	0.0	4.1	6.1#



Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

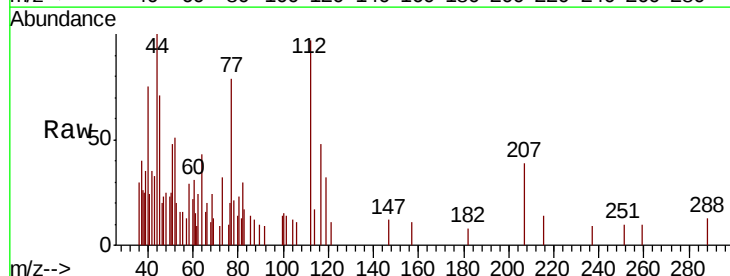


Time-->

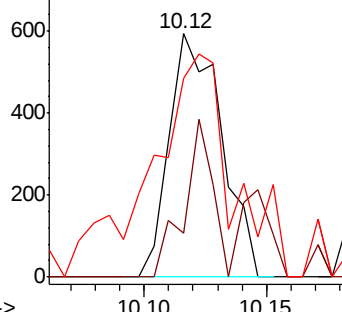


#53
 Chlorobenzene
 Concen: 3.393 ug/L
 RT: 10.12 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

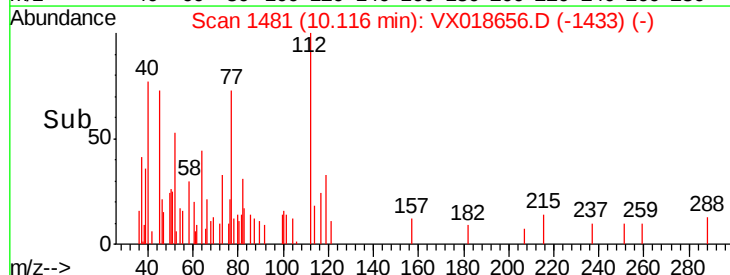
Tgt Ion	Ratio	Lower	Upper
112	100		
114	17.8	20.6	38.4#
77	81.6	46.6	69.8#

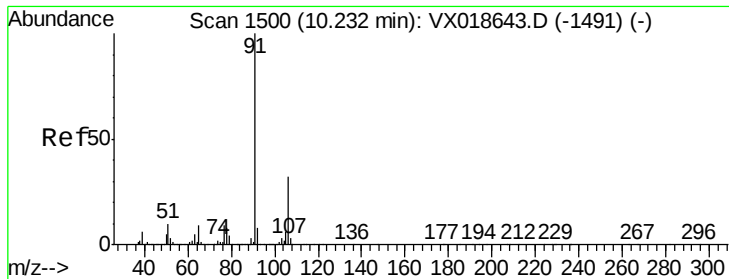


Abundance Ion 112.10 (111.80 to 112.80): V
 Ion 114.05 (113.75 to 114.75): V
 Ion 77.10 (76.80 to 77.80): VX0



Time-->





#54

Ethylbenzene

Concen: 0.728 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampled :

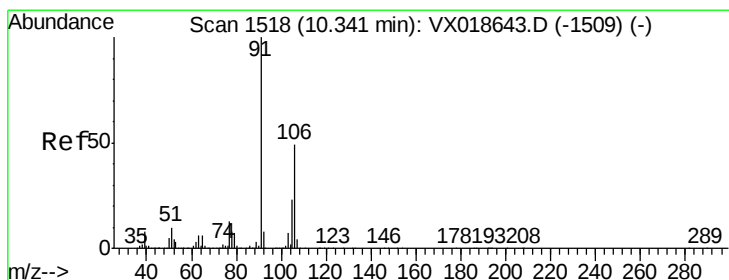
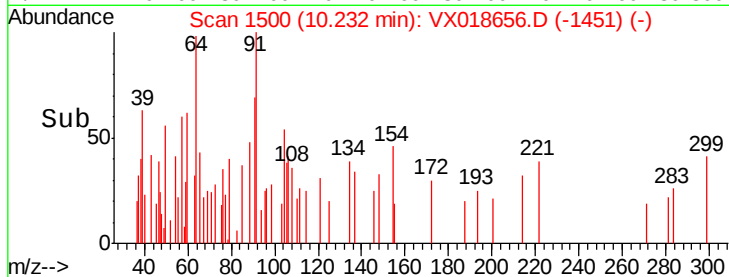
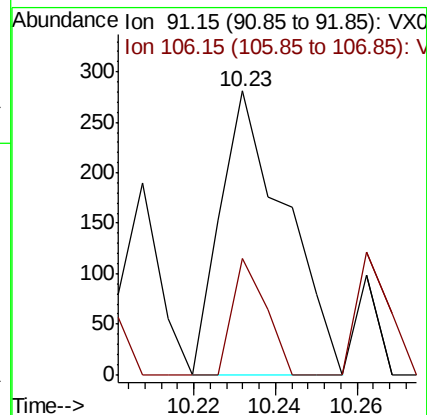
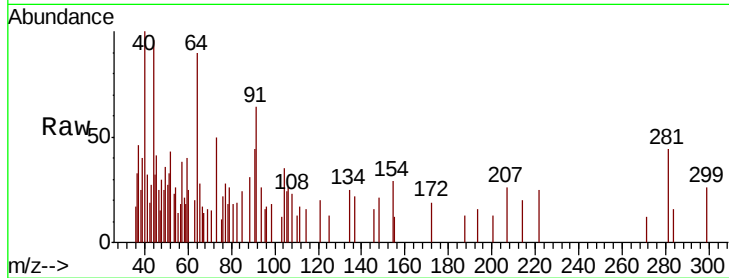
BG0F9

Tot Ion: 91 Resp: 313

Ion Ratio Lower Upper

91 100

106 40.9 21.0 39.0#



#55

m,p-xylene

Concen: 3.512 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018656.D

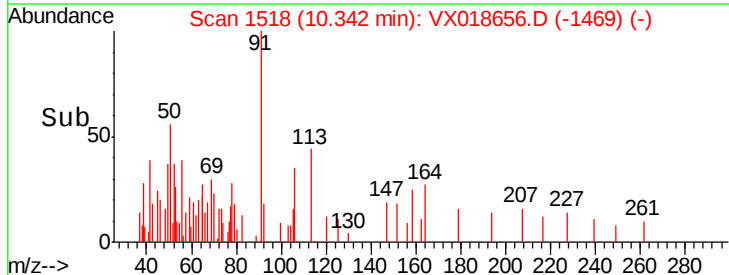
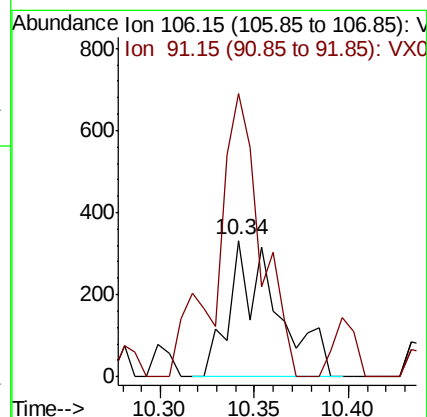
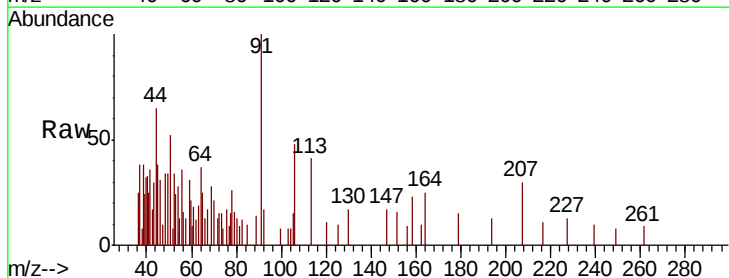
Acq: 29 Sep 2020 14:38

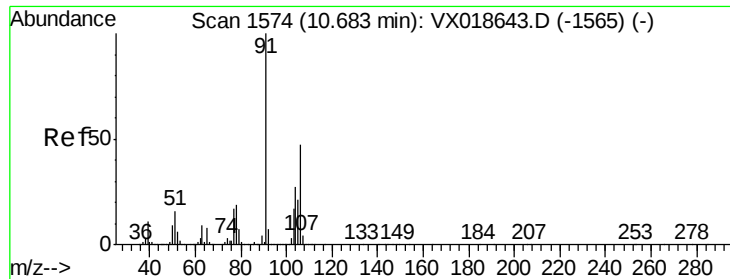
Tgt Ion: 106 Resp: 577

Ion Ratio Lower Upper

106 100

91 207.5 140.3 260.6

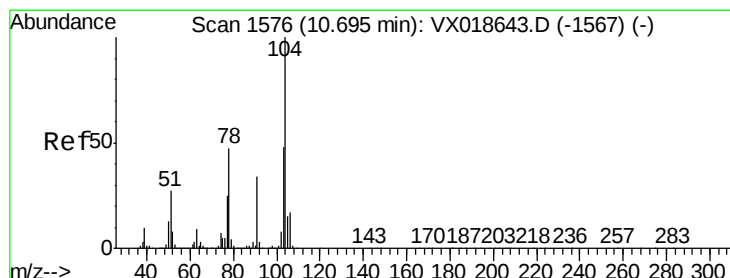
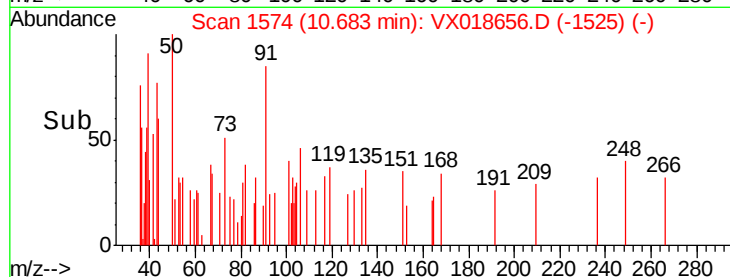
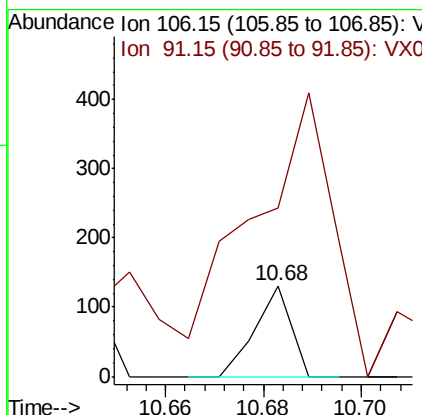
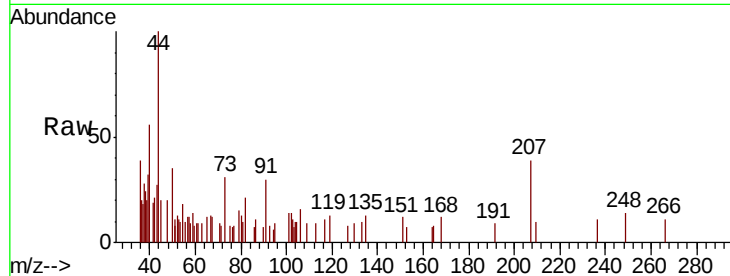




#56
o-xylene
Concen: 0.432 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

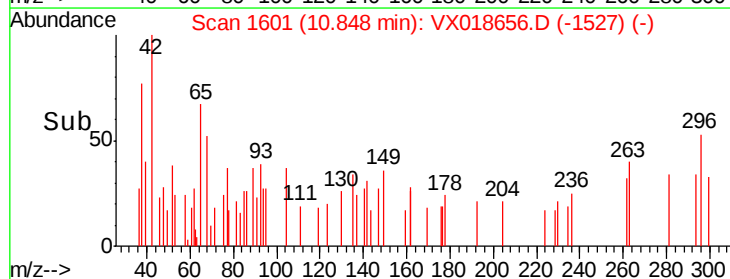
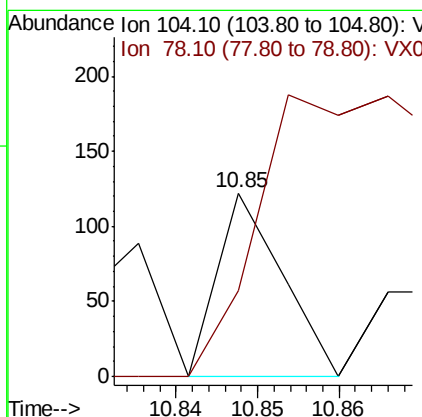
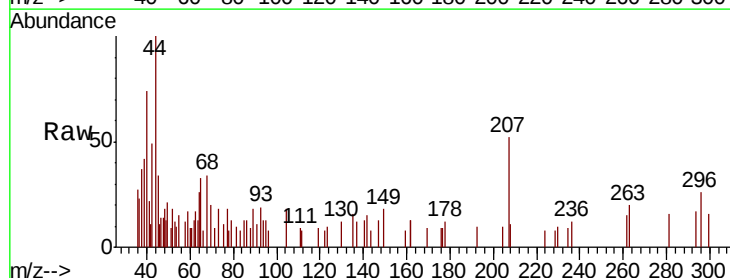
Instrument :
MSVOA_X
ClientSampled :
BG0F9

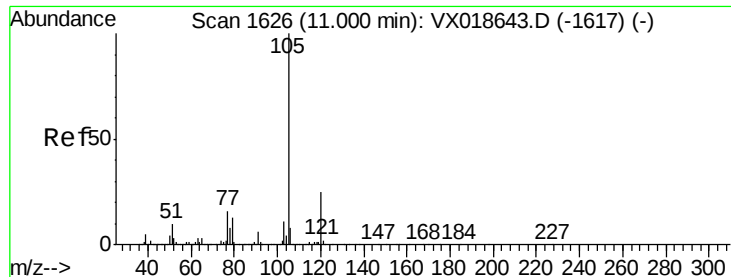
Tot Ion:106 Resp: 67
Ion Ratio Lower Upper
106 100
91 185.5 167.5 311.1



#57
Styrene
Concen: 0.261 ug/L
RT: 10.85 min Scan# 1601
Delta R.T. 0.15 min
Lab File: VX018656.D
Acq: 29 Sep 2020 14:38

Tgt Ion:104 Resp: 67
Ion Ratio Lower Upper
104 100
78 46.7 33.3 61.9





#58

Isopropylbenzene

Concen: 0.375 ug/L

RT: 11.01 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampled :

BG0F9

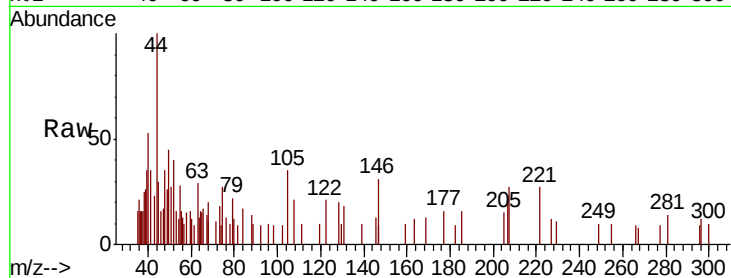
Tot Ion: 105 Resp: 156

Ion Ratio Lower Upper

105 100

120 78.8 21.2 31.8#

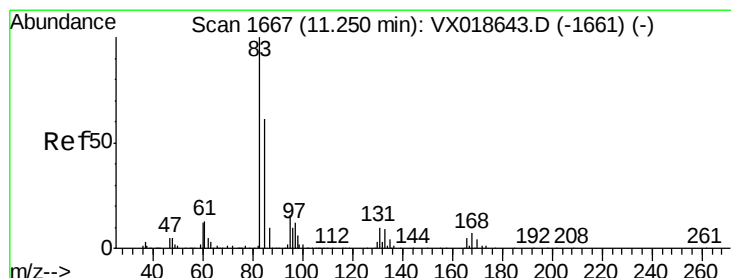
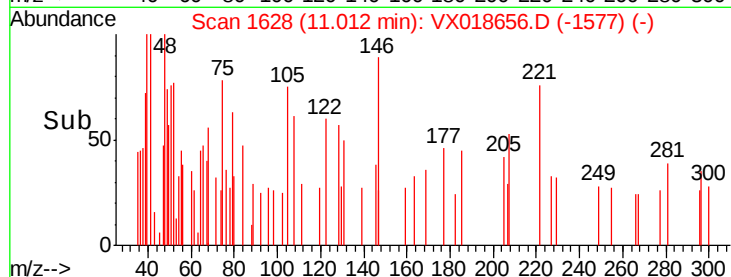
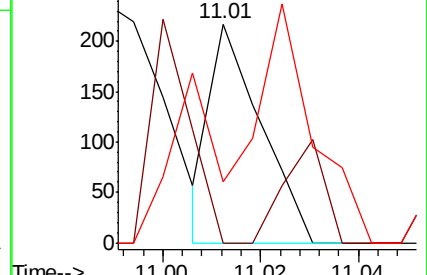
77 69.2 13.3 19.9#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 2.596 ug/L

RT: 11.27 min Scan# 1671

Delta R.T. 0.02 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

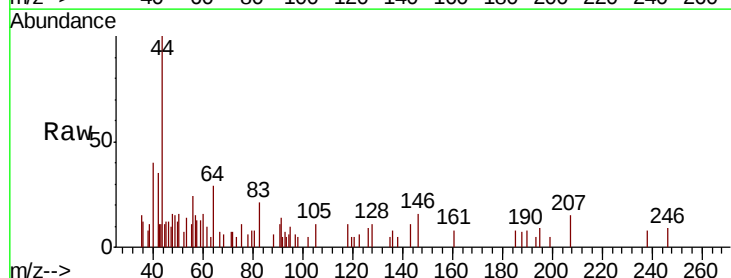
Tgt Ion: 83 Resp: 205

Ion Ratio Lower Upper

83 100

85 0.0 48.5 90.1#

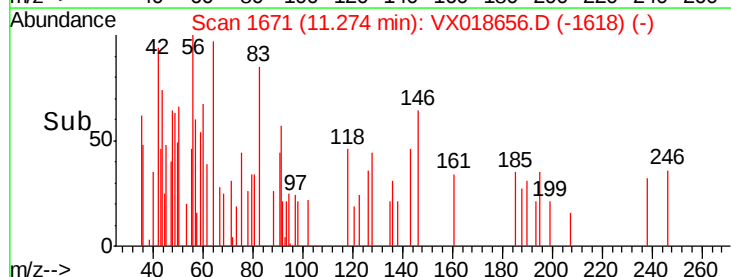
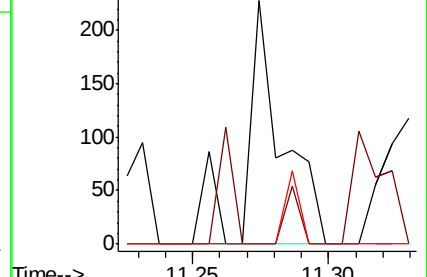
131 0.0 7.8 11.6#

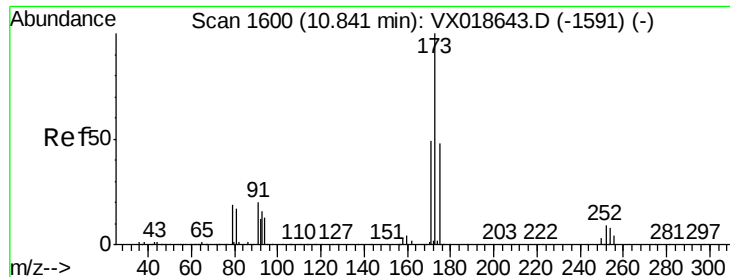


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 0.490 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

BG0F9

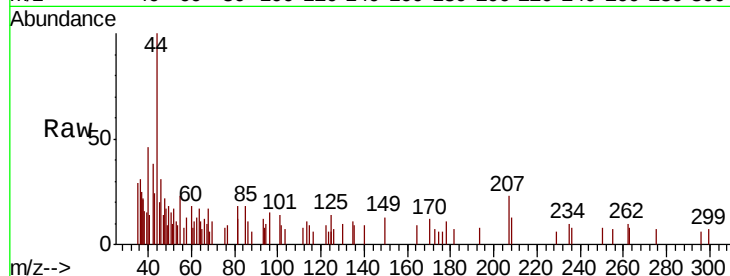
Tot Ion:173 Resp: 22

Ion Ratio Lower Upper

173 100

175 95.5 41.6 62.4#

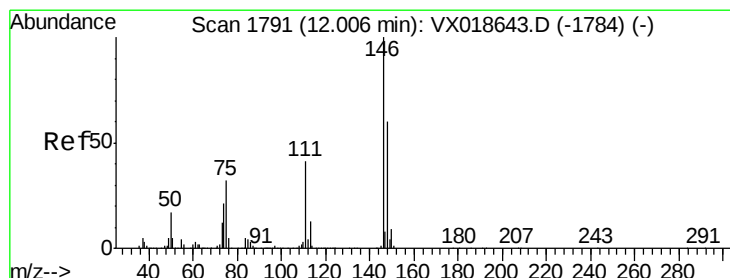
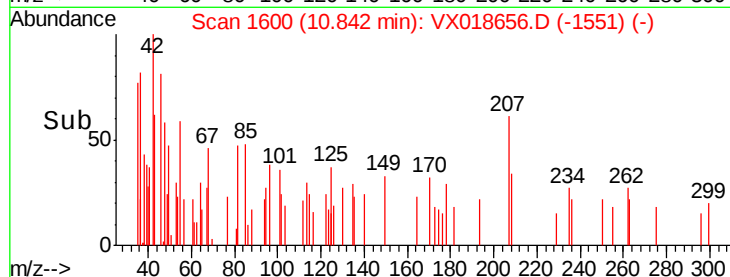
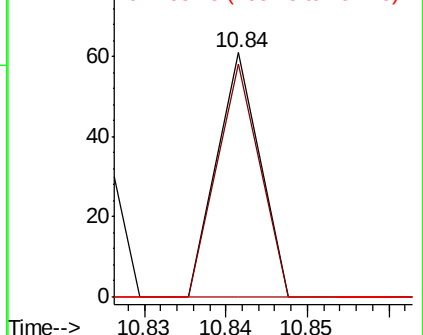
254 0.0 7.7 11.5#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 0.846 ug/L

RT: 12.02 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX018656.D

Acq: 29 Sep 2020 14:38

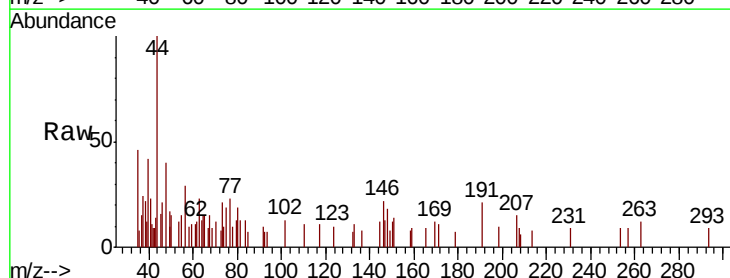
Tgt Ion:146 Resp: 155

Ion Ratio Lower Upper

146 100

111 0.0 26.7 49.7#

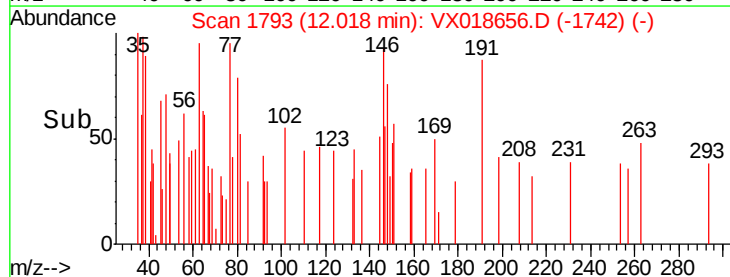
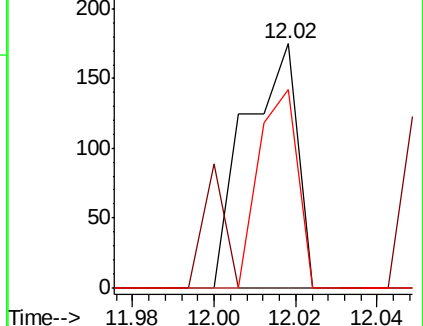
148 81.1 44.4 82.5

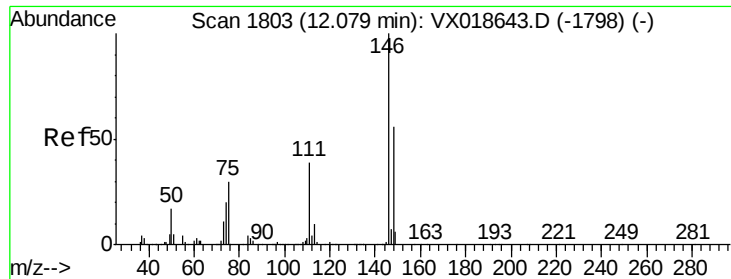


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

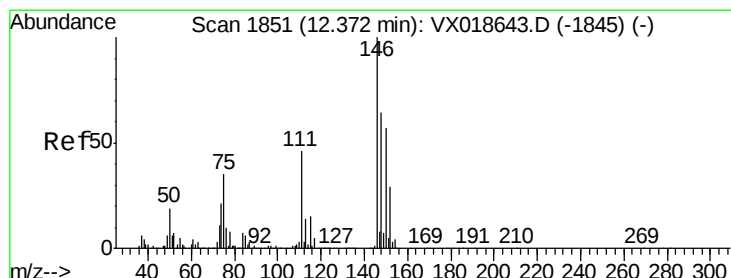
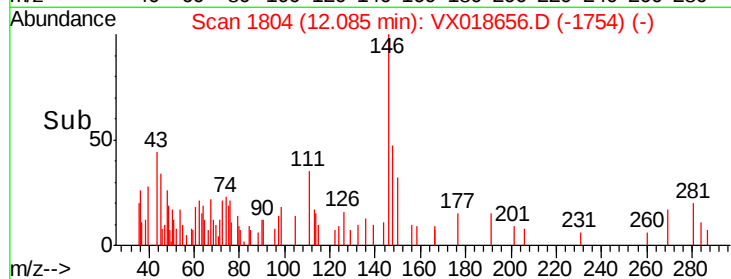
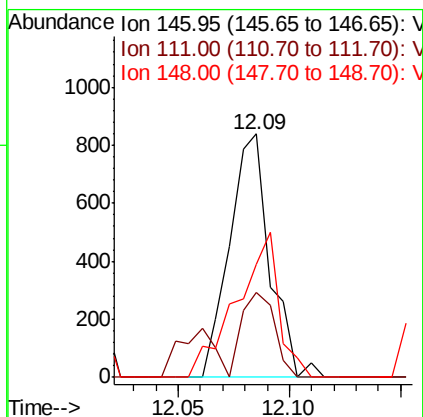
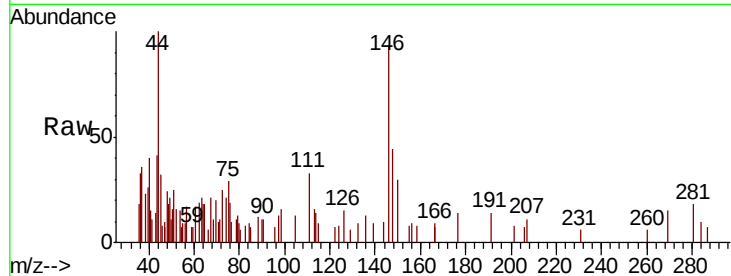




#64
 1,4-Dichlorobenzene
 Concen: 5.726 ug/L
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

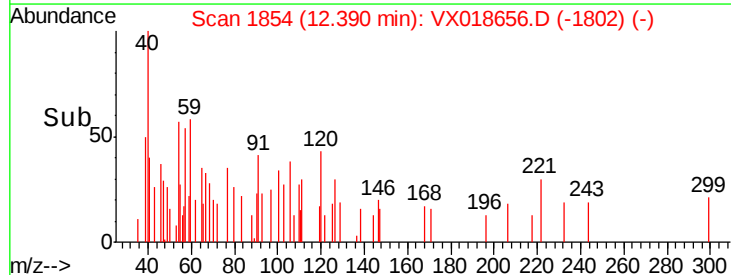
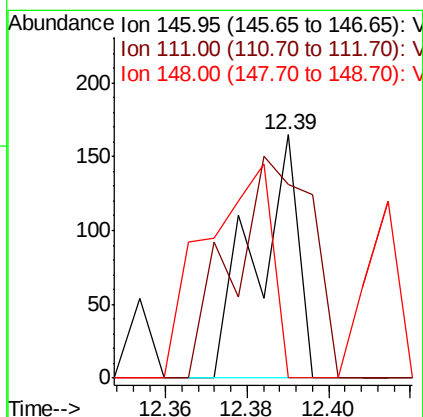
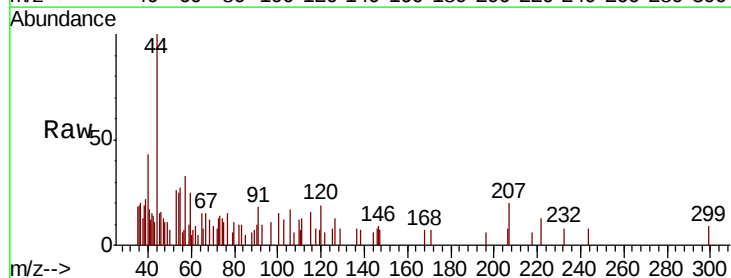
Instrument :
 MSVOA_X
 ClientSampled :
 BG0F9

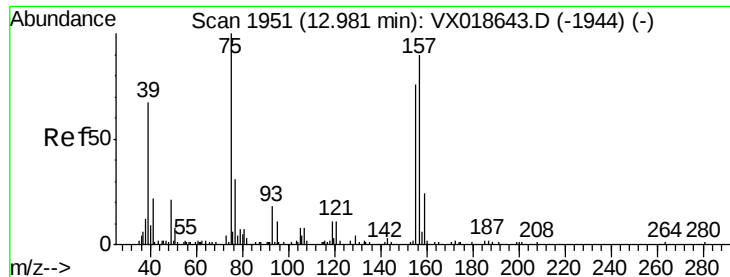
Tot Ion:146 Resp: 1060
 Ion Ratio Lower Upper
 146 100
 111 34.9 28.8 53.4
 148 46.6 44.9 83.3



#66
 1,2-Dichlorobenzene
 Concen: 0.703 ug/L
 RT: 12.39 min Scan# 1854
 Delta R.T. 0.02 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion:146 Resp: 120
 Ion Ratio Lower Upper
 146 100
 111 79.4 33.6 50.4#
 148 0.0 53.4 80.2#

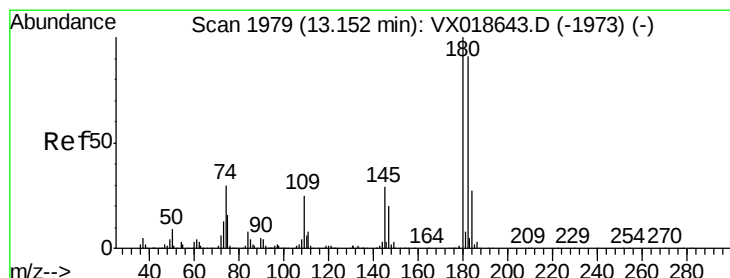
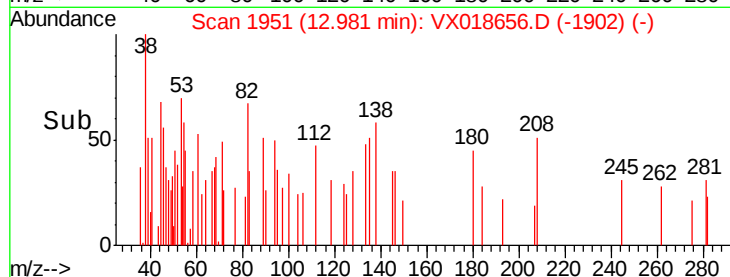
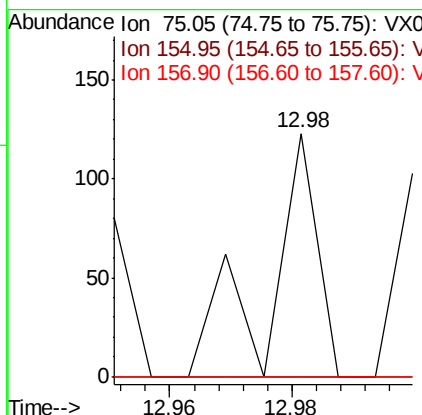
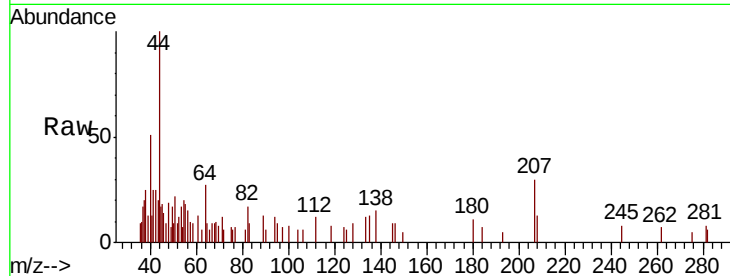




#67
 1,2-Dibromo-3-chloropropane
 Concen: 4.684 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

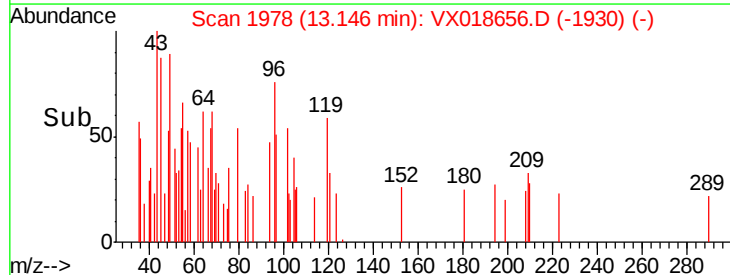
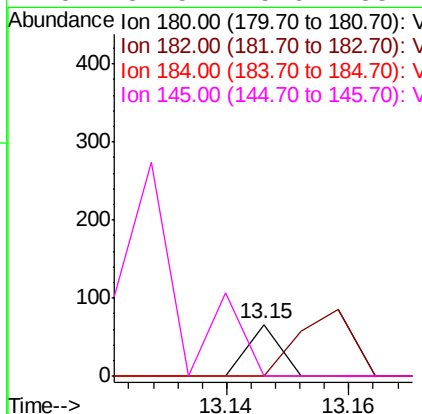
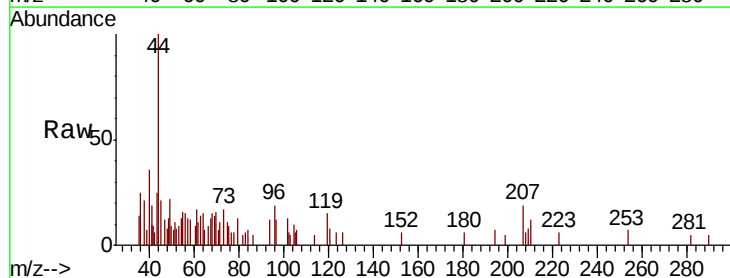
Instrument :
 MSVOA_X
 ClientSampleID :
 BG0F9

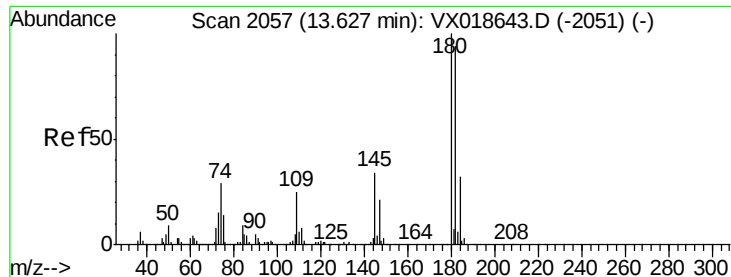
Tot Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.6 81.8#
 157 0.0 73.5 110.3#



#68
 1,3,5-Trichlorobenzene
 Concen: 0.174 ug/L
 RT: 13.15 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion: 180 Resp: 24
 Ion Ratio Lower Upper
 180 100
 182 216.7 72.4 108.6#
 184 220.8 25.3 37.9#
 145 737.5 25.6 38.4#

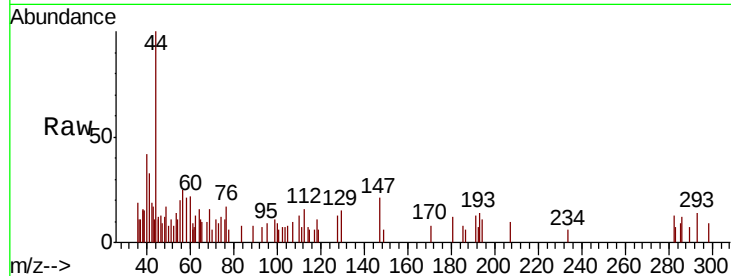




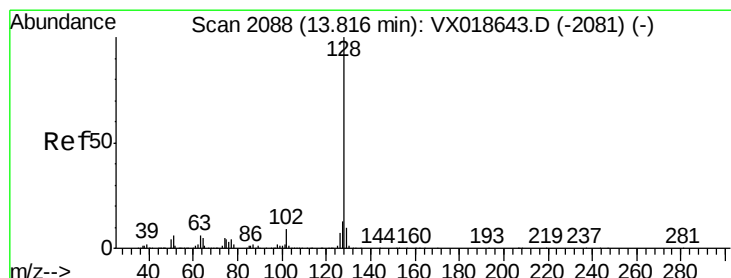
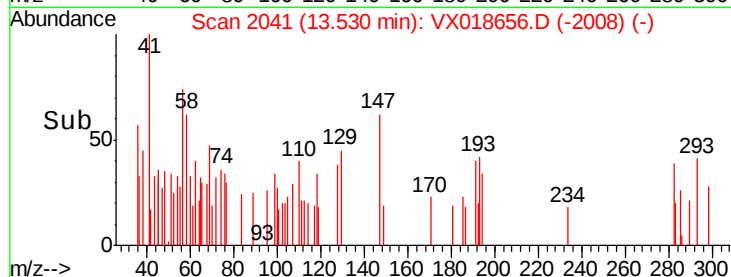
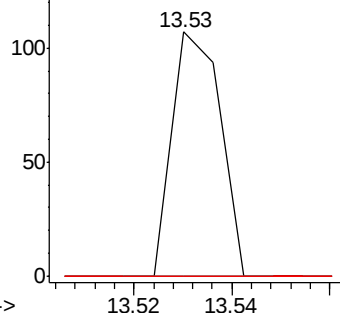
#69
 1,2,4-trichlorobenzene
 Concen: 0.656 ug/L
 RT: 13.53 min Scan# 2041
 Delta R.T. -0.10 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Instrument :
 MSVOA_X
 ClientSampled :
 BG0F9

Tot Ion:180 Resp: 74
 Ion Ratio Lower Upper
 180 100
 182 0.0 74.6 112.0#
 145 74.3 25.0 37.6#

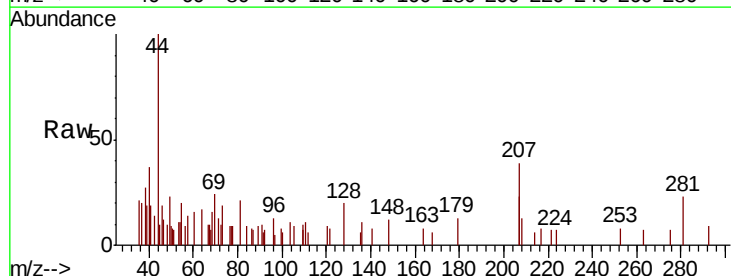


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

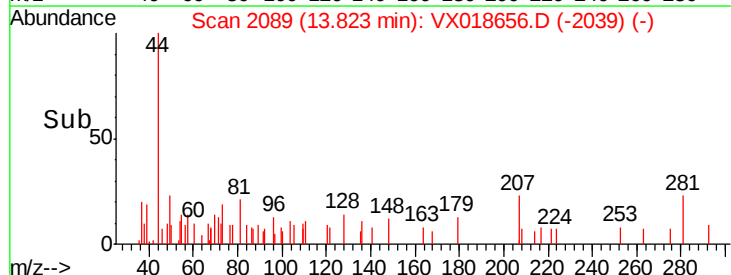
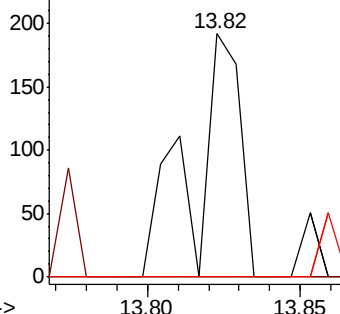


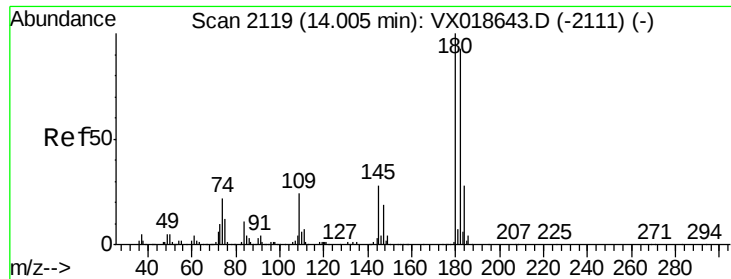
#70
 Naphthalene
 Concen: 1.075 ug/L
 RT: 13.82 min Scan# 2089
 Delta R.T. 0.01 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Tgt Ion:128 Resp: 205
 Ion Ratio Lower Upper
 128 100
 129 15.1 8.8 13.2#
 127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#71
 1,2,3-Trichlorobenzene
 Concen: 0.226 ug/L
 RT: 13.94 min Scan# 2109
 Delta R.T. -0.06 min
 Lab File: VX018656.D
 Acq: 29 Sep 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0F9

Tot Ion	Ratio	Lower	Upper
180	100		
182	130.4	77.7	116.5#
145	126.1	28.6	42.8#

