

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017491.D
 Acq On : 23 Jul 2020 14:50
 Operator : JC/SP
 Sample : L3415-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20200722

Quant Time: Jul 24 05:56:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	593865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	978968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	907324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	464687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	364408	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.46	113	319579	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	1138529	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	489902	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	987	Below Cal	#	7
3) Chloromethane	1.32	50	2249	0.671	ug/l #	88
5) Bromomethane	1.64	94	2035	Below Cal		86
6) Chloroethane	1.70	64	243	Below Cal	#	44
8) Diethyl Ether	2.14	74	432	Below Cal		74
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1352	0.210	ug/l #	86
10) Methyl Iodide	2.50	142	2371	0.287	ug/l #	84
11) Tert butyl alcohol	3.00	59	854	0.531	ug/l #	1
13) Acrolein	2.27	56	1746	5.547	ug/l #	72
15) Acrylonitrile	3.11	53	2102	0.605	ug/l #	24
16) Acetone	2.42	43	2564	0.764	ug/l #	88
17) Carbon Disulfide	2.55	76	8556	0.459	ug/l	99
18) Methyl Acetate	2.76	43	1603	0.203	ug/l #	68
20) Methylene Chloride	2.83	84	2776	Below Cal	#	64
21) trans-1,2-Dichloroethene	3.15	96	1506	0.229	ug/l #	48
25) 2-Butanone	4.65	43	2388	0.501	ug/l #	61
36) 1,1-Dichloropropene	5.76	75	2307	0.246	ug/l #	59
38) Carbon Tetrachloride	5.63	117	58379	5.120	ug/l #	16
49) 1,4-Dioxane	7.70	88	58	0.360	ug/l #	1
59) 2-Hexanone	9.48	43	1715	0.225	ug/l	83
68) m/p-Xylenes	10.34	106	3307	0.260	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	247682	25.911	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	247682	65.291	ug/l #	12
82) 4-Chlorotoluene	11.50	91	5698	0.217	ug/l	93
87) 1,3-Dichlorobenzene	12.01	146	3369	0.220	ug/l	88
88) 1,4-Dichlorobenzene	12.01	146	3369	0.212	ug/l	88
89) n-Butylbenzene	12.37	91	6994	0.272	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	544	2.760	ug/l	80
93) 1,2,4-Trichlorobenzene	13.63	180	4472	0.435	ug/l	90
94) Hexachlorobutadiene	13.76	225	2319	0.490	ug/l	96
95) Naphthalene	13.82	128	9904	0.323	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	3756	0.370	ug/l	88

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

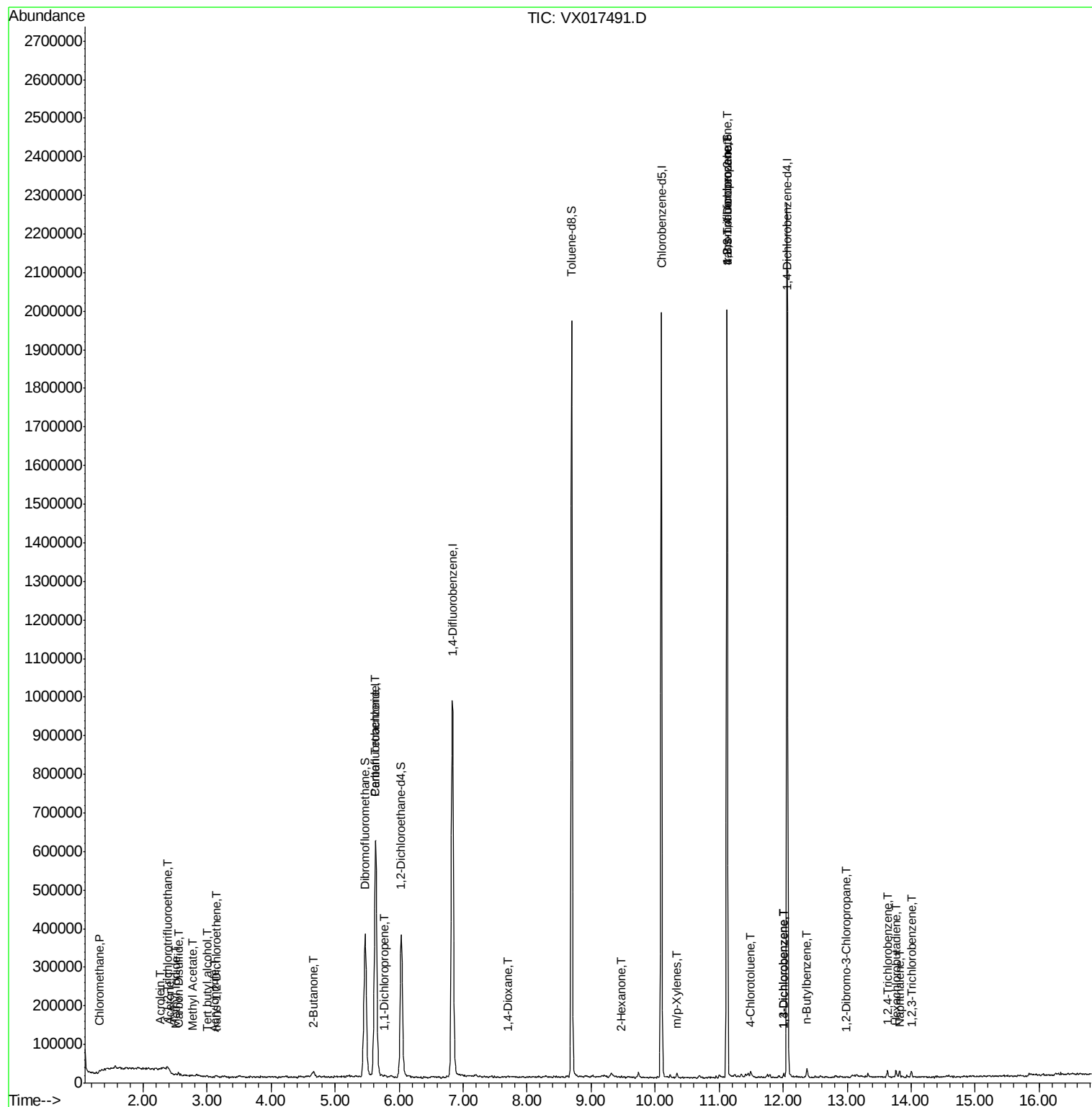
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

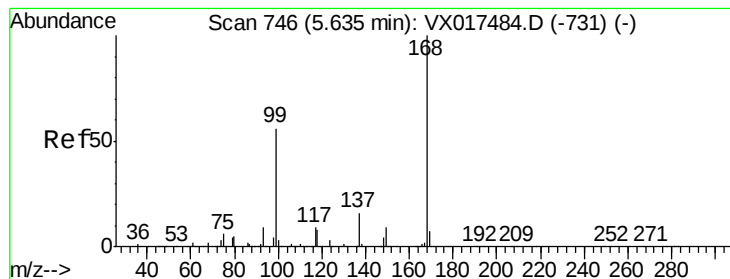
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

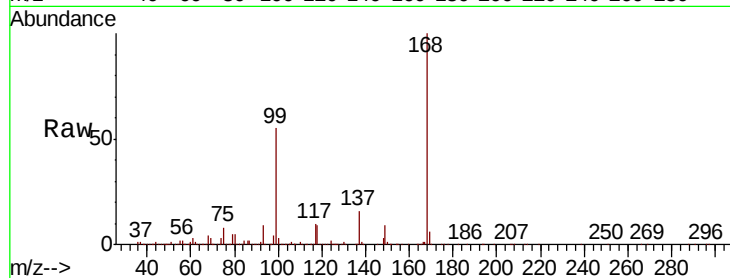
TT-TB-20200722

Tot Ion:168 Resp: 593865

Ion Ratio Lower Upper

168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

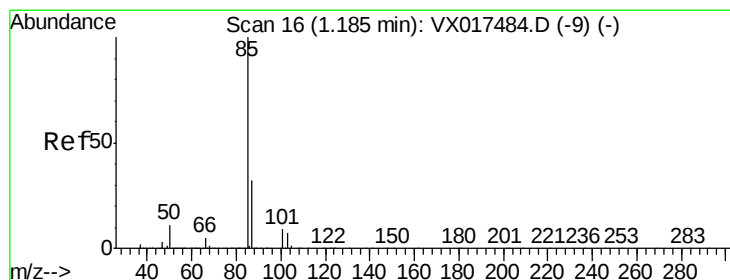
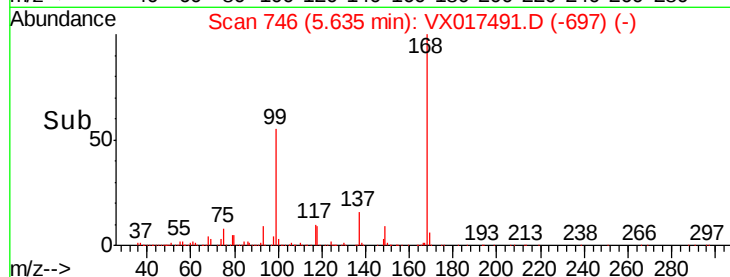
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017491.D

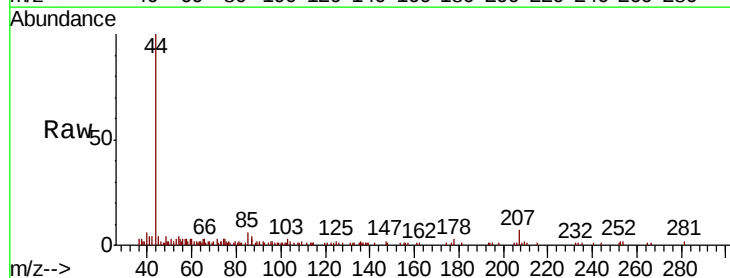
Acq: 23 Jul 2020 14:50

Tgt Ion: 85 Resp: 987

Ion Ratio Lower Upper

85 100

87 83.9 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600

500

400

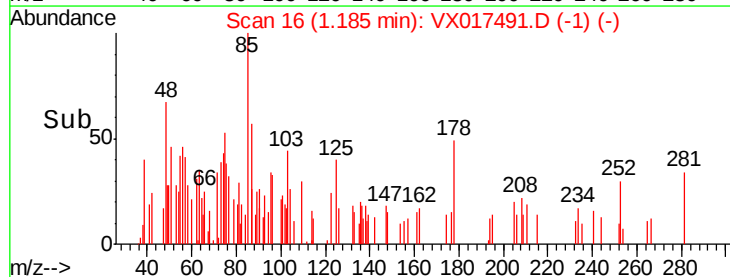
300

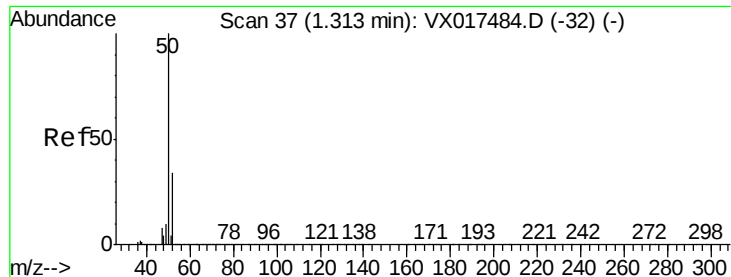
200

100

0

Time-->





#3

Chloromethane

Concen: 0.671 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

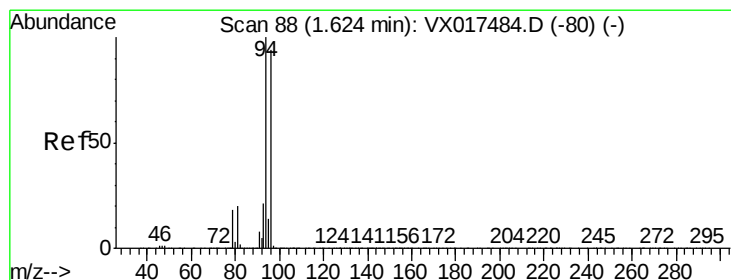
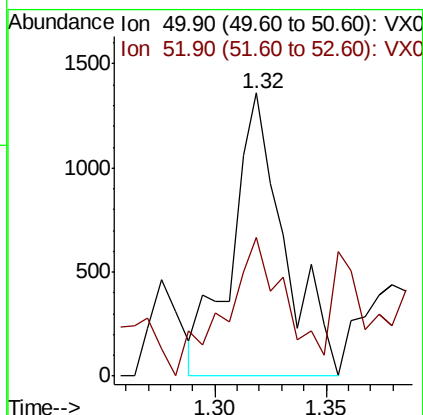
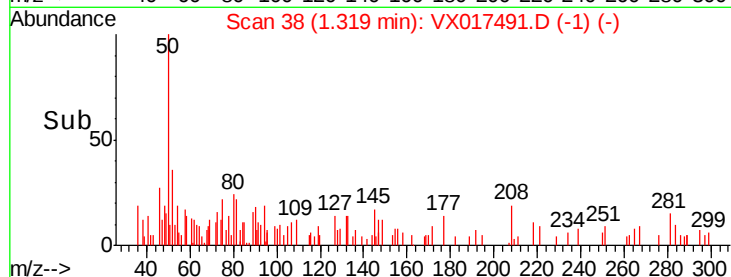
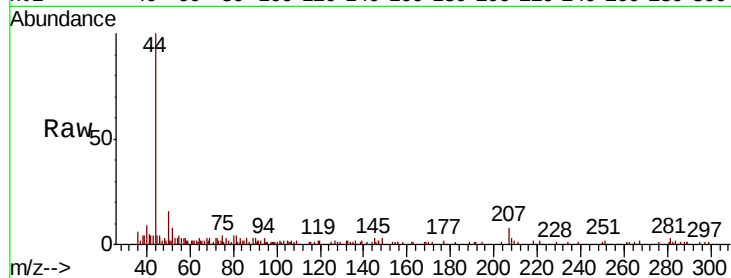
TT-TB-20200722

Tot Ion: 50 Resp: 2249

Ion Ratio Lower Upper

50 100

52 38.9 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017491.D

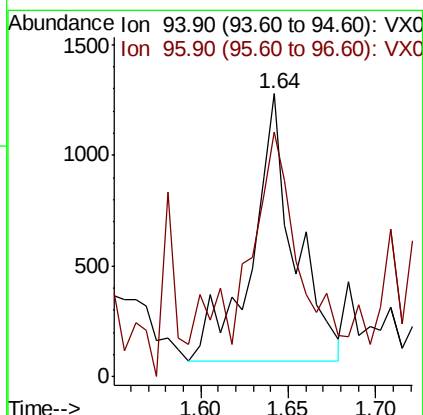
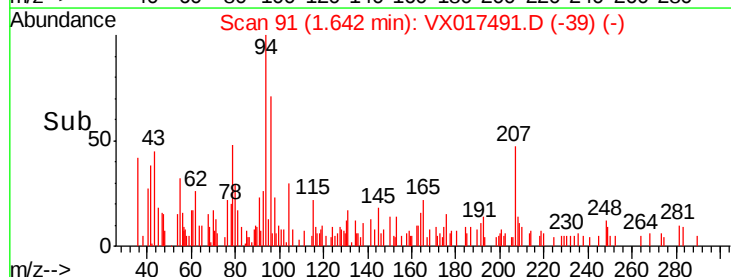
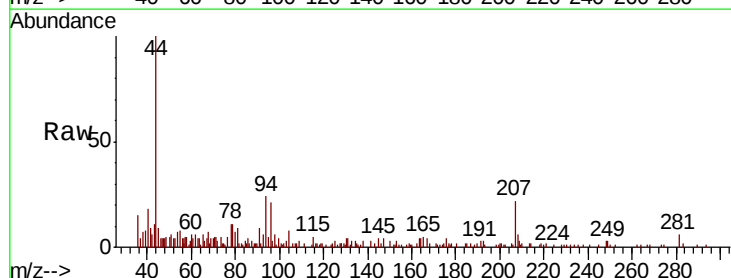
Acq: 23 Jul 2020 14:50

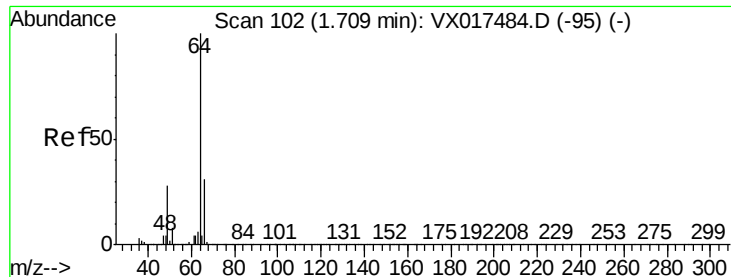
Tgt Ion: 94 Resp: 2035

Ion Ratio Lower Upper

94 100

96 79.7 74.1 111.1





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

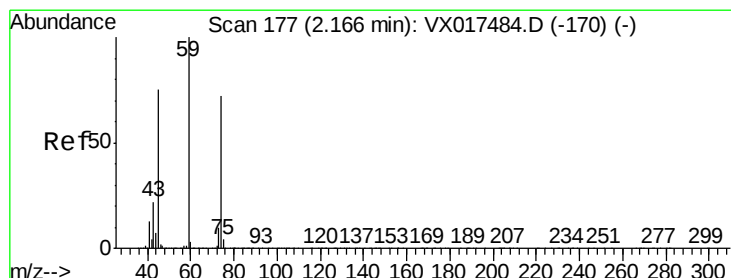
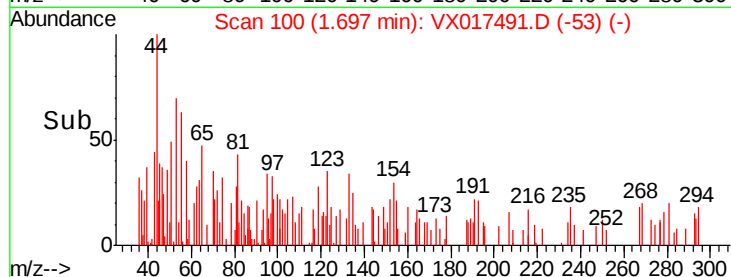
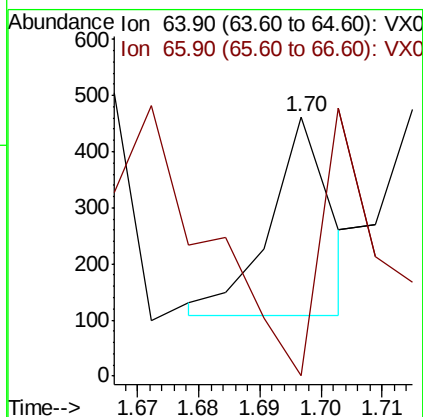
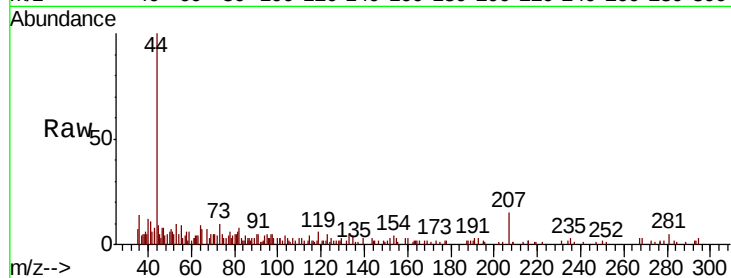
TT-TB-20200722

Tot Ion: 64 Resp: 243

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.14 min Scan# 173

Delta R.T. -0.02 min

Lab File: VX017491.D

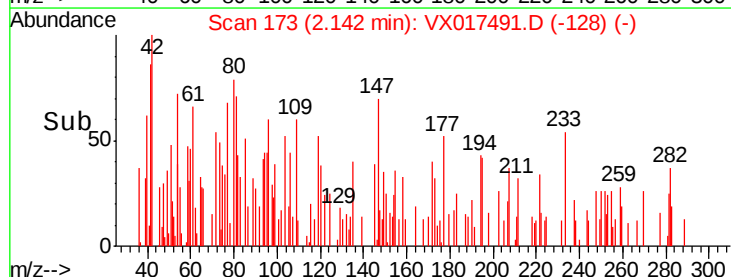
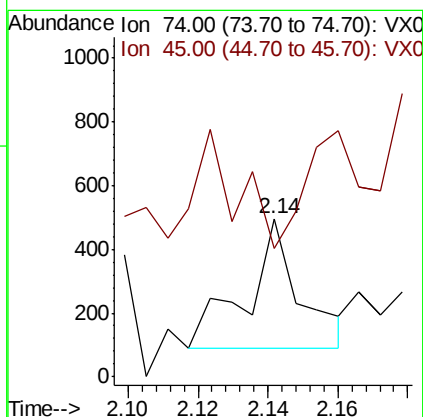
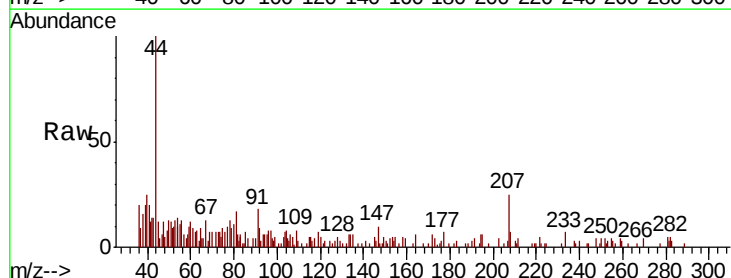
Acq: 23 Jul 2020 14:50

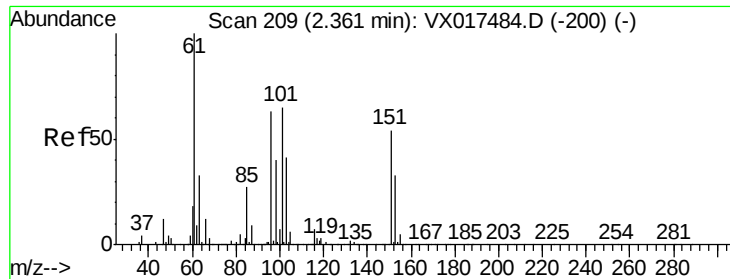
Tgt Ion: 74 Resp: 432

Ion Ratio Lower Upper

74 100

45 127.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.210 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

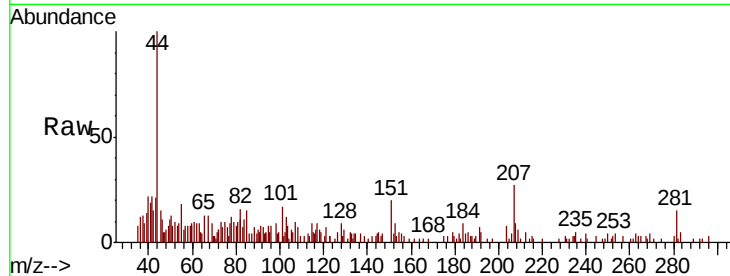
Tot Ion:101 Resp: 1352

Ion Ratio Lower Upper

101 100

85 68.2 34.8 52.2#

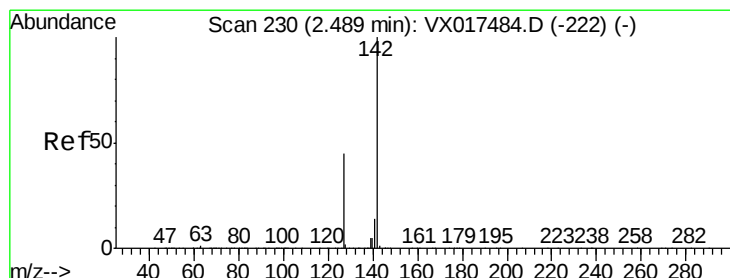
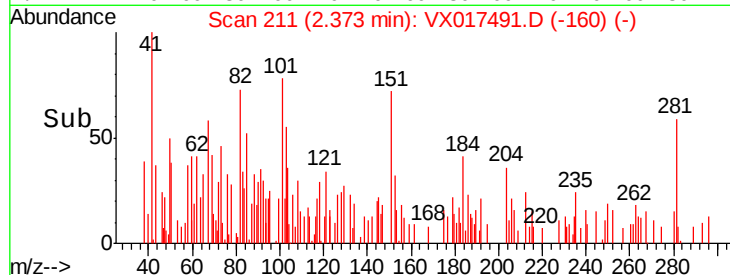
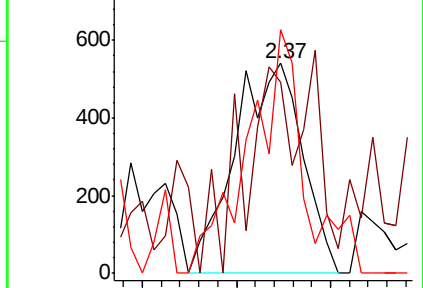
151 83.7 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.287 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

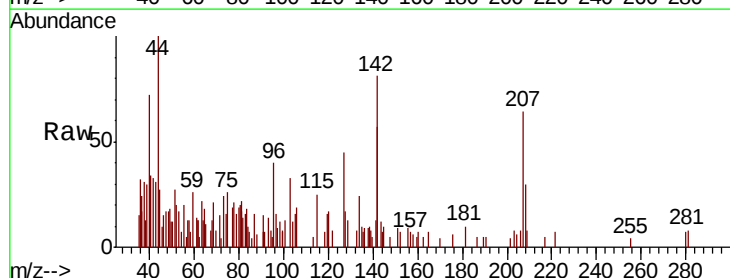
Tgt Ion:142 Resp: 2371

Ion Ratio Lower Upper

142 100

127 58.5 35.9 53.9#

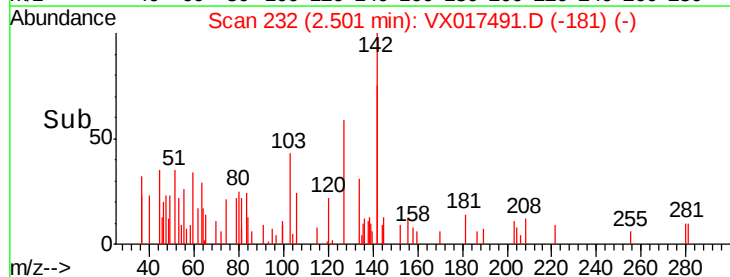
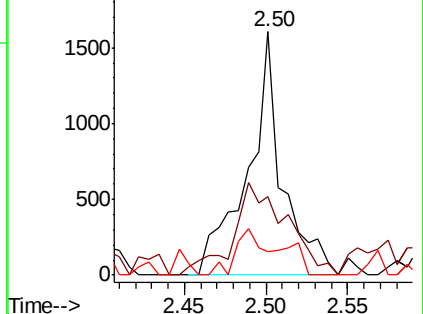
141 14.6 11.4 17.0

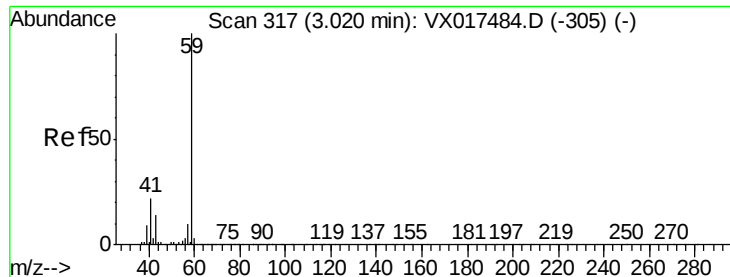


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



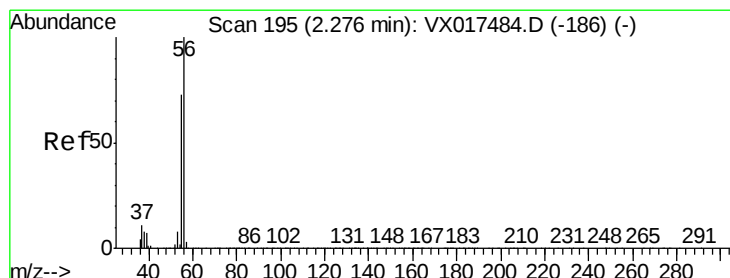
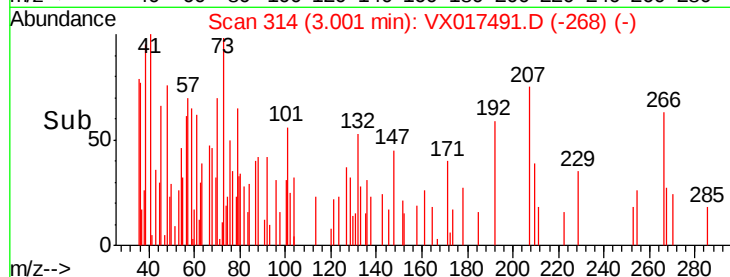
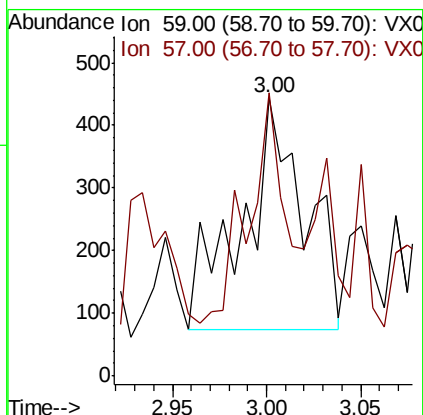
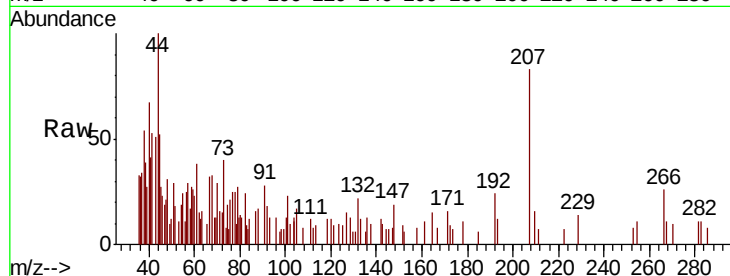


#11

Tert butyl alcohol
Concen: 0.531 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

Instrument :
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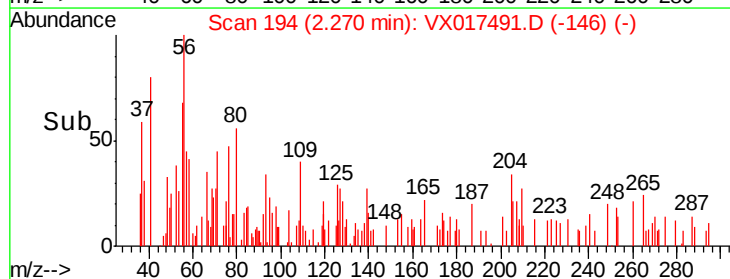
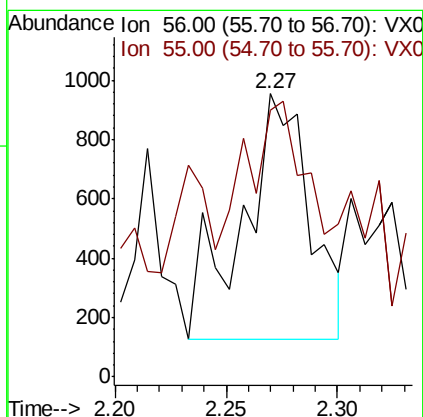
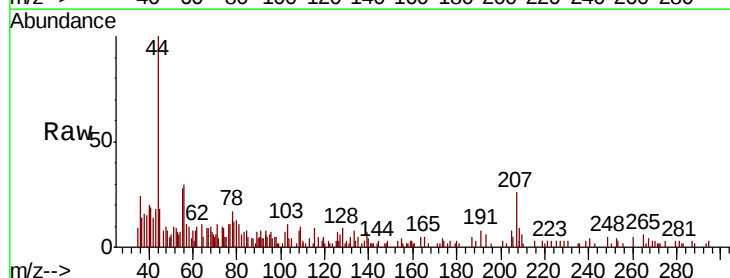
Tot Ion: 59 Resp: 854
Ion Ratio Lower Upper
59 100
57 61.6 8.6 12.8#

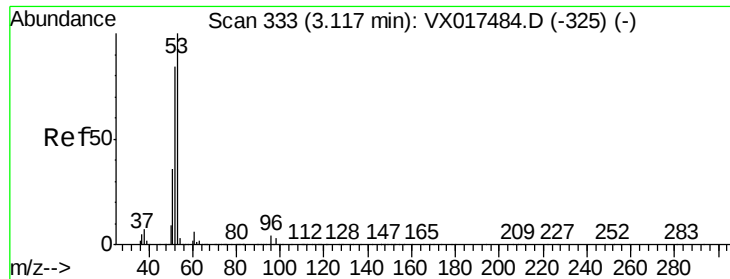


#13

Acrolein
Concen: 5.547 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

Tgt Ion: 56 Resp: 1746
Ion Ratio Lower Upper
56 100
55 48.3 57.4 86.2#





#15

Acrylonitrile

Concen: 0.605 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

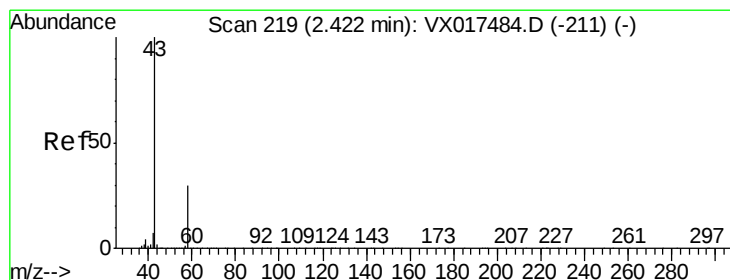
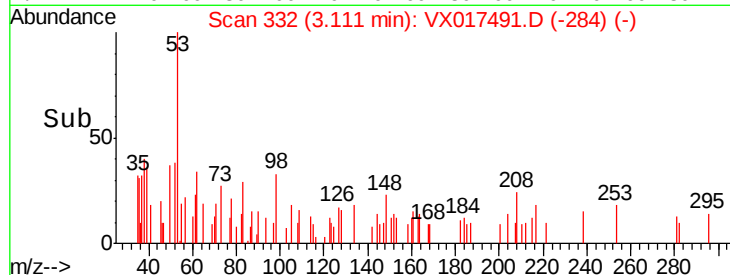
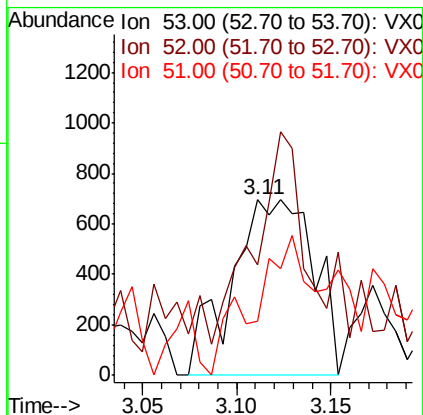
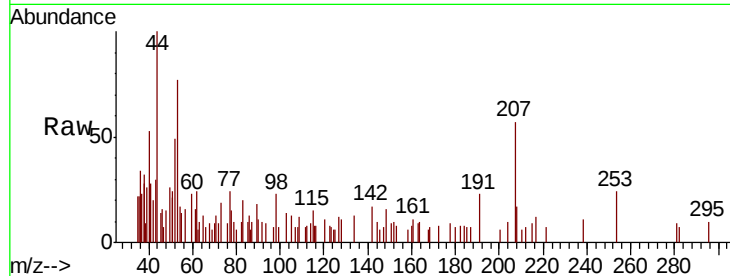
Tot Ion: 53 Resp: 2102

Ion Ratio Lower Upper

53 100

52 0.0 66.6 99.8#

51 12.9 29.4 44.2#



#16

Acetone

Concen: 0.764 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017491.D

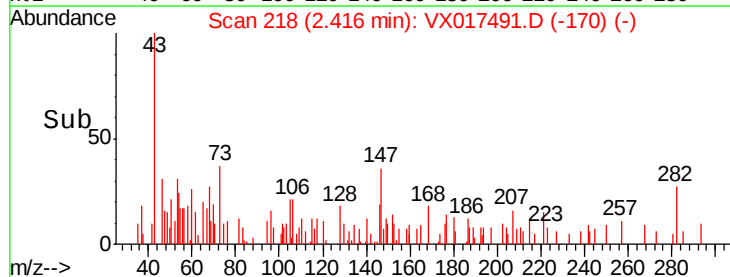
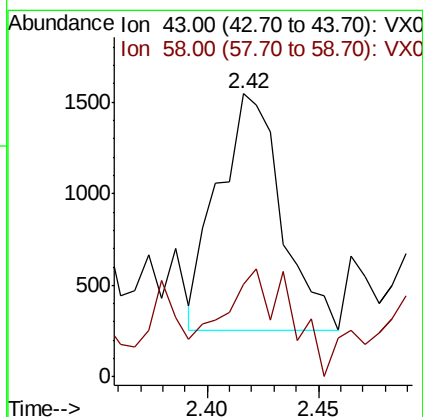
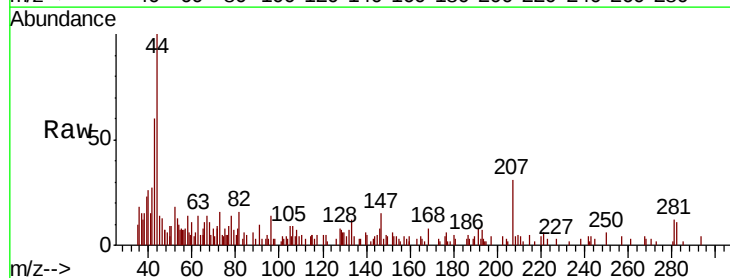
Acq: 23 Jul 2020 14:50

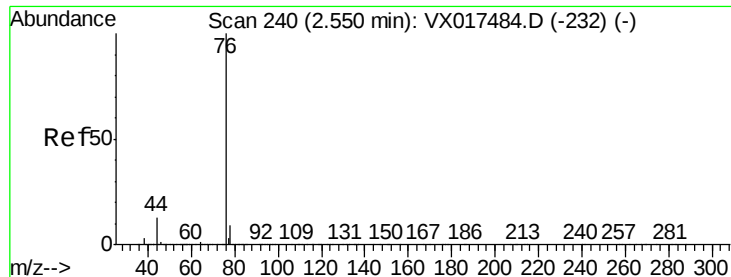
Tgt Ion: 43 Resp: 2564

Ion Ratio Lower Upper

43 100

58 23.6 24.2 36.4#





#17

Carbon Disulfide

Concen: 0.459 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

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ClientSampleId :

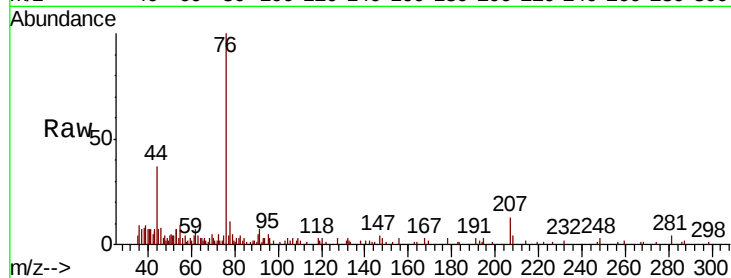
TT-TB-20200722

Tot Ion: 76 Resp: 8556

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

5000

4000

3000

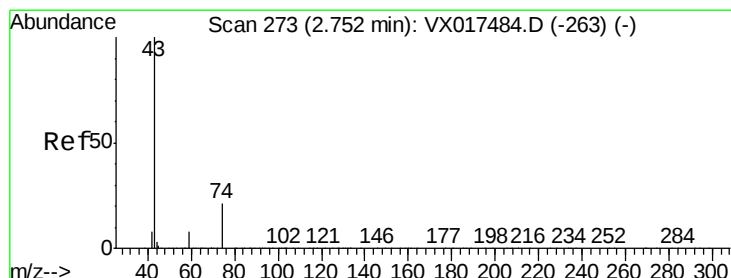
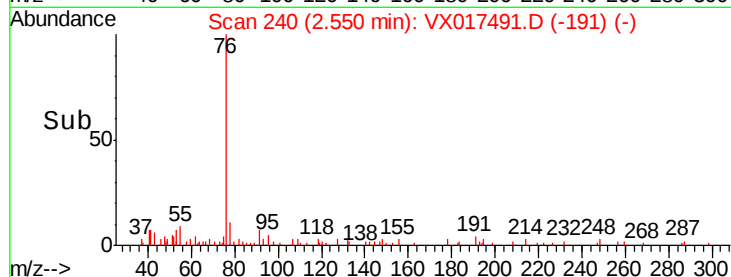
2000

1000

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 0.203 ug/l

RT: 2.76 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX017491.D

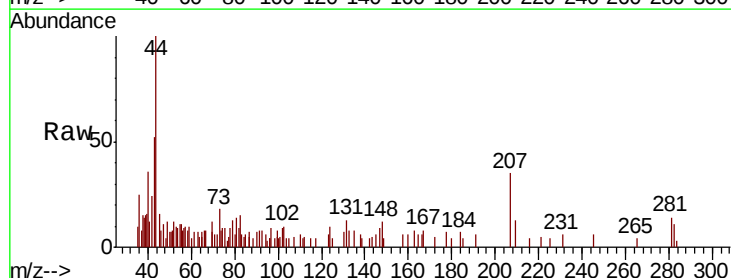
Acq: 23 Jul 2020 14:50

Tgt Ion: 43 Resp: 1603

Ion Ratio Lower Upper

43 100

74 37.1 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

1000

800

600

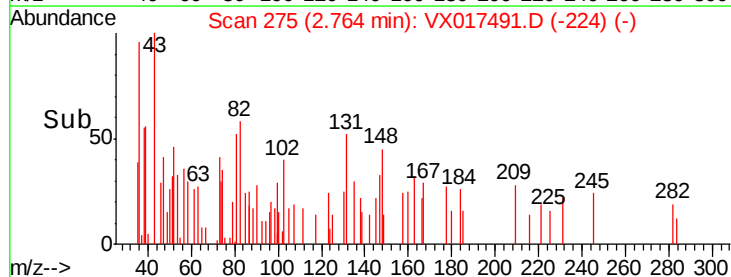
400

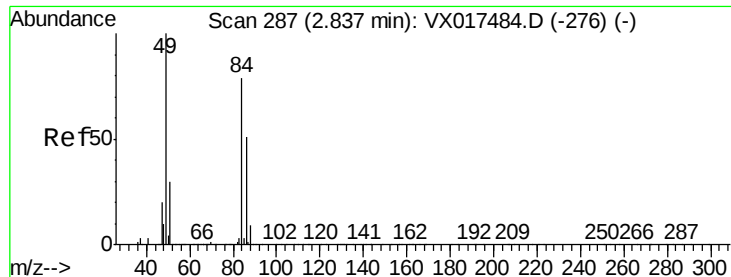
200

0

Time-->

2.70 2.75 2.80

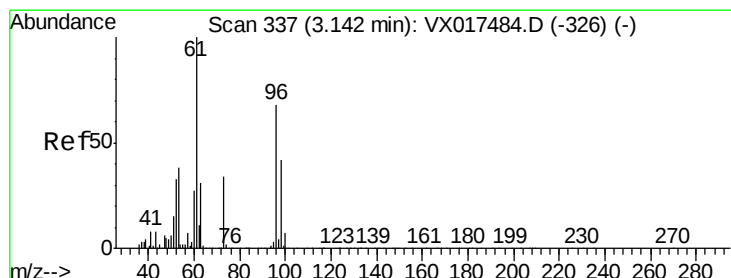
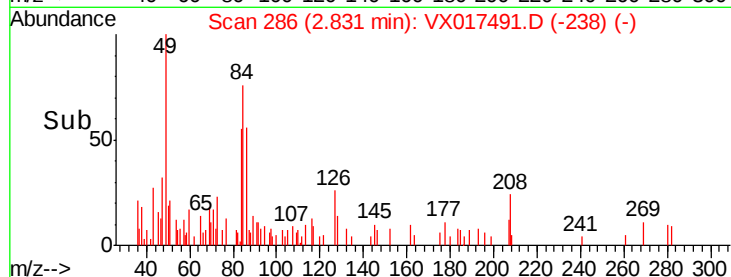
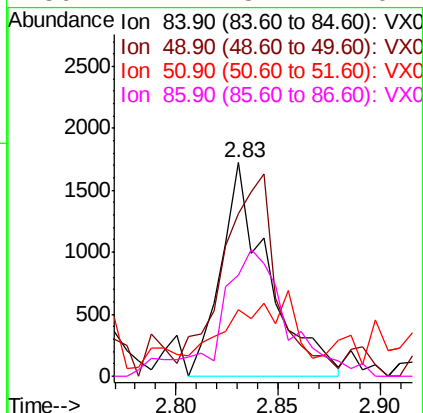
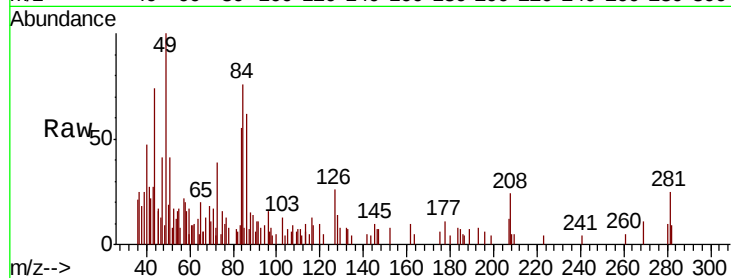




#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

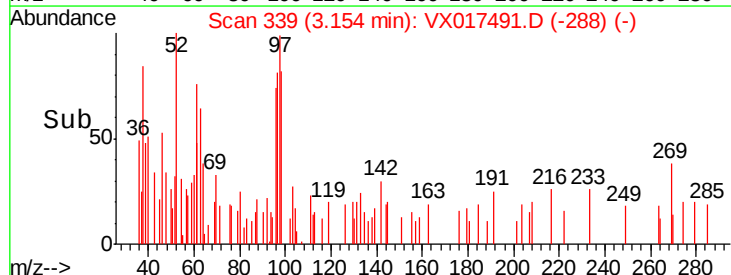
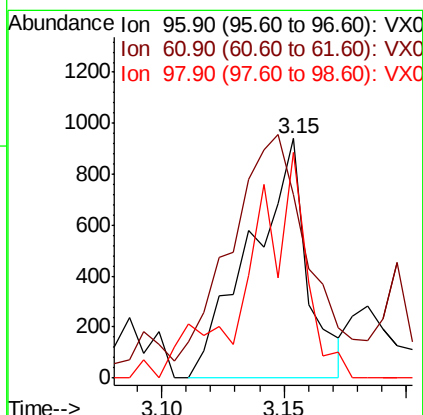
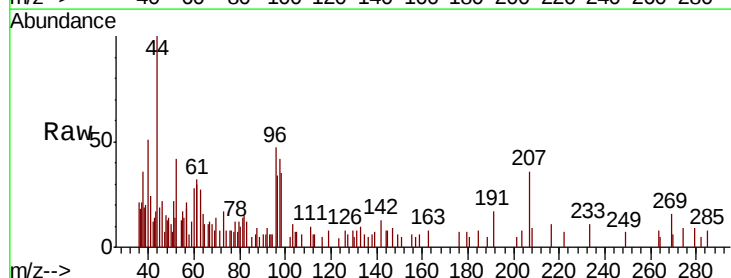
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200722

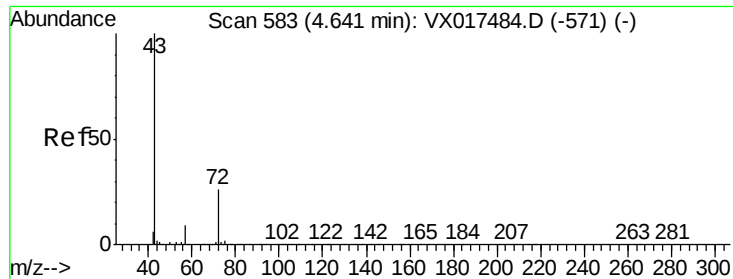
Tot Ion: 84 Resp: 2776
Ion Ratio Lower Upper
84 100
49 75.9 100.3 150.5#
51 22.0 30.5 45.7#
86 42.1 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 0.229 ug/l
RT: 3.15 min Scan# 339
Delta R.T. 0.01 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

Tgt Ion: 96 Resp: 1506
Ion Ratio Lower Upper
96 100
61 61.3 113.0 169.4#
98 83.7 51.8 77.8#





#25

2-Butanone

Concen: 0.501 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

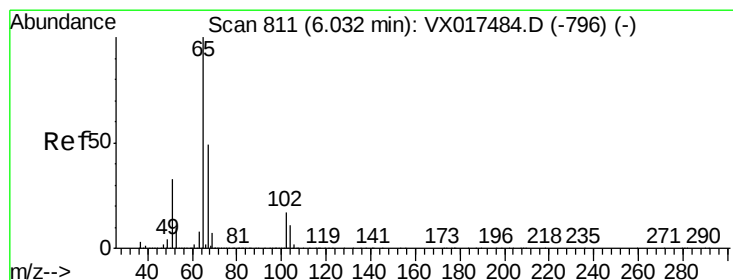
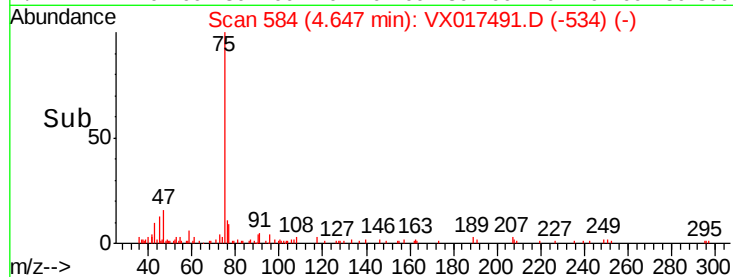
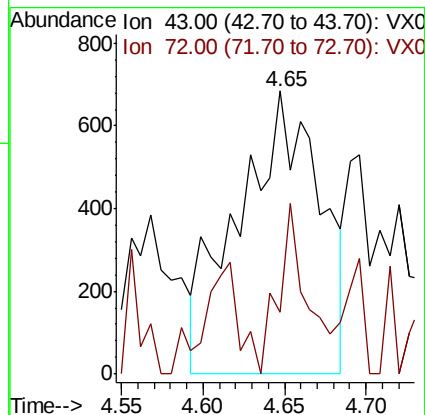
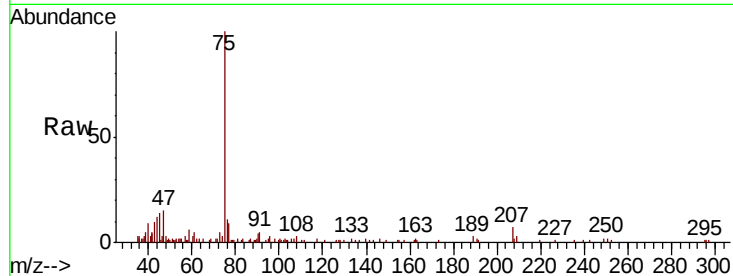
TT-TB-20200722

Tot Ion: 43 Resp: 2388

Ion Ratio Lower Upper

43 100

72 4.7 19.0 28.4#



#33

1,2-Dichloroethane-d4

Concen: 47.770 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017491.D

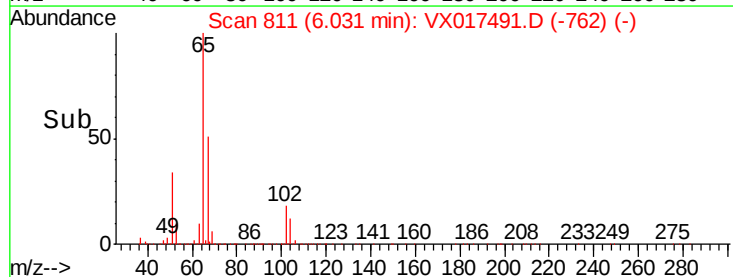
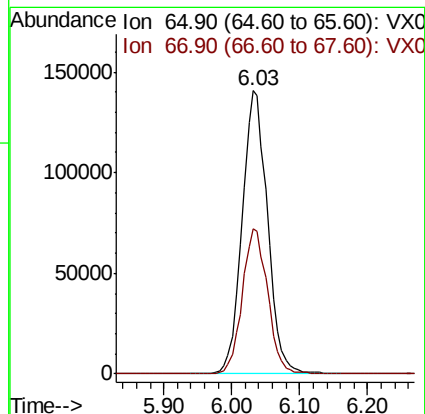
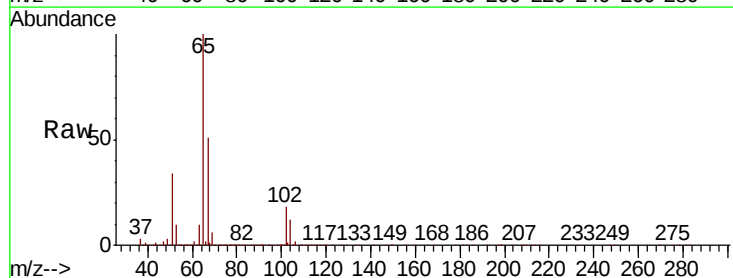
Acq: 23 Jul 2020 14:50

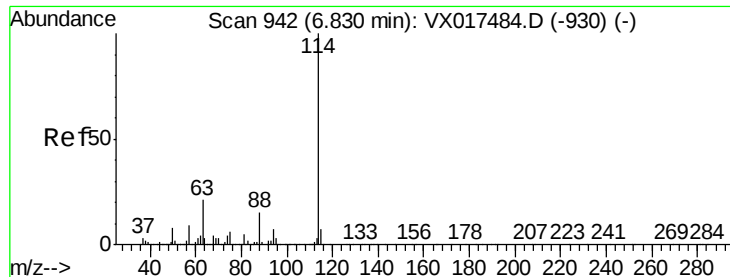
Tgt Ion: 65 Resp: 364408

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

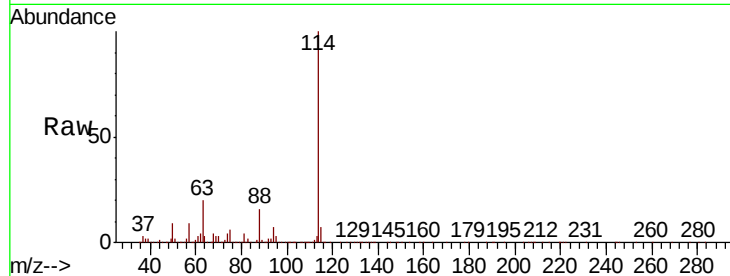
Tot Ion:114 Resp: 978968

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

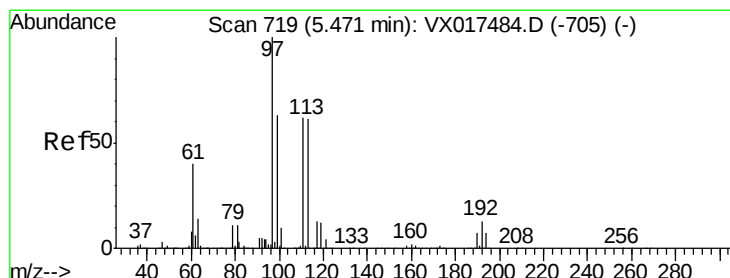
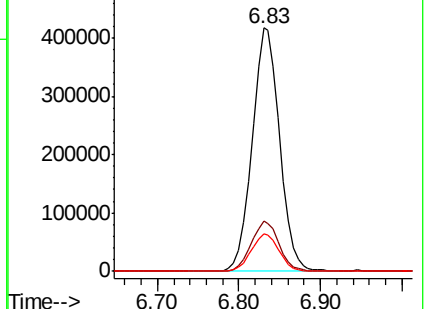
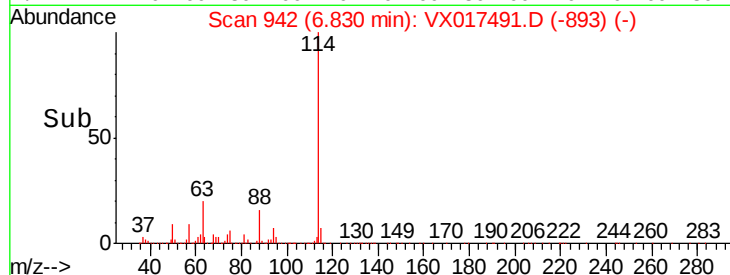
88 15.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.810 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

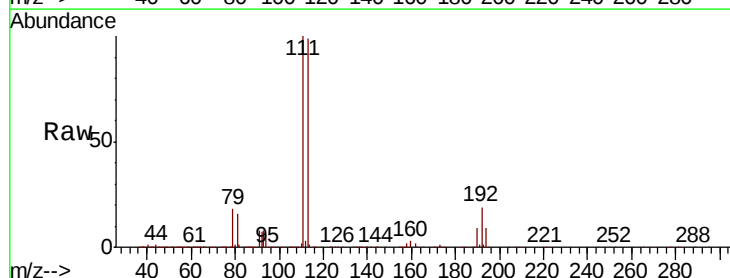
Tgt Ion:113 Resp: 319579

Ion Ratio Lower Upper

113 100

111 103.8 80.7 121.1

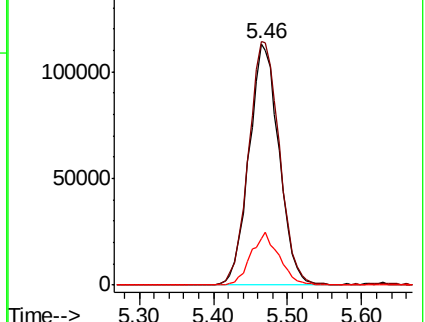
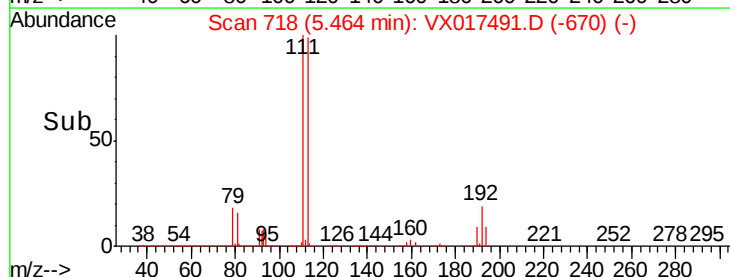
192 20.6 16.9 25.3

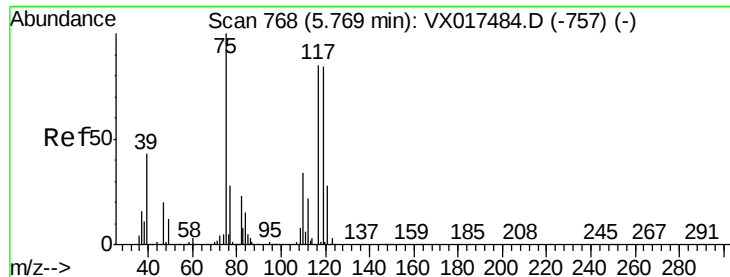


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.246 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

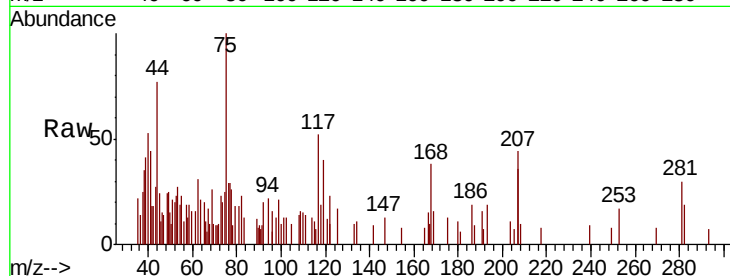
Tot Ion: 75 Resp: 2307

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

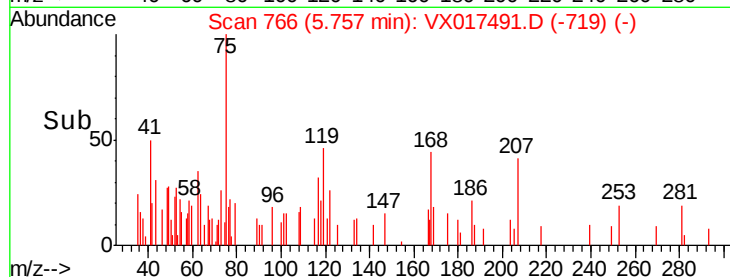
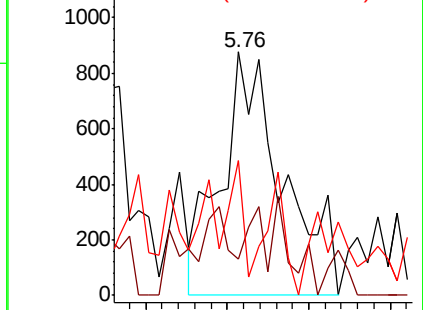
77 11.1 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.120 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

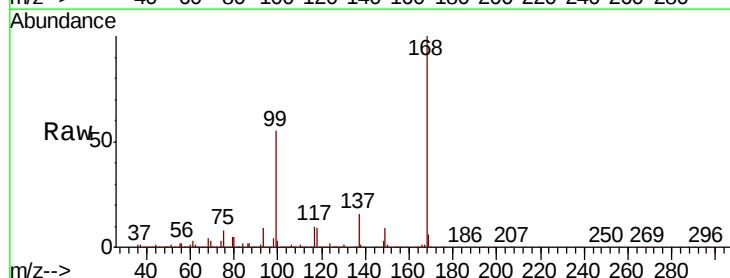
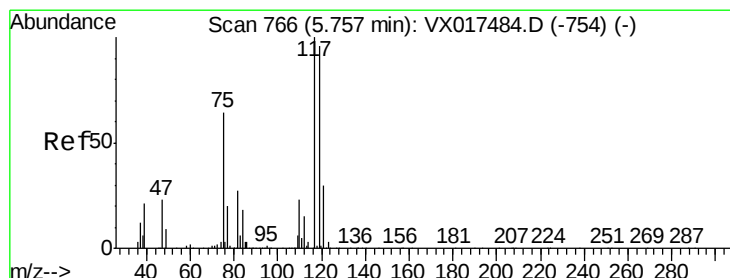
Tgt Ion: 117 Resp: 58379

Ion Ratio Lower Upper

117 100

119 4.3 75.4 113.0#

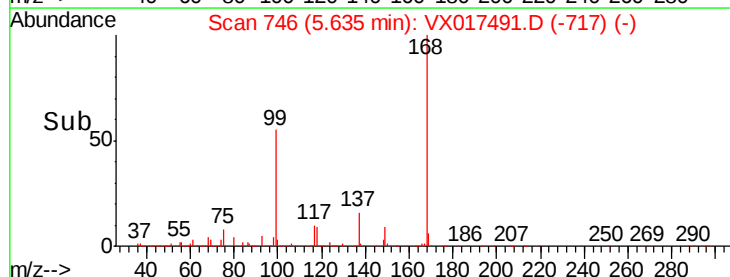
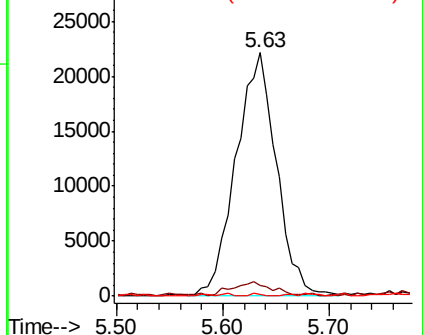
121 0.8 24.3 36.5#

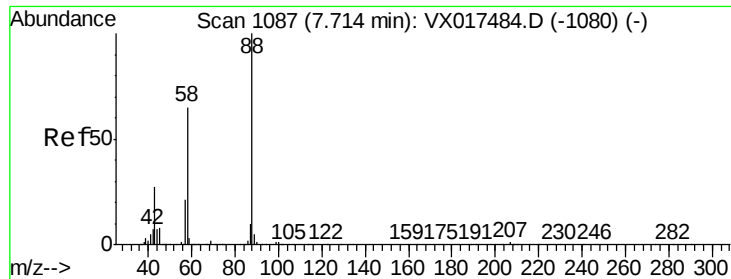


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.360 ug/l

RT: 7.70 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

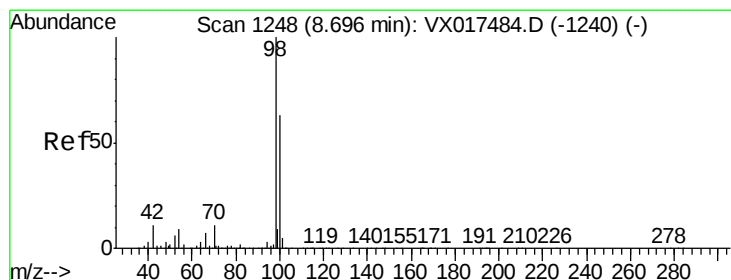
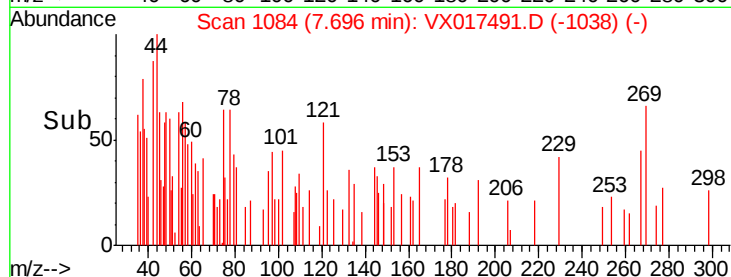
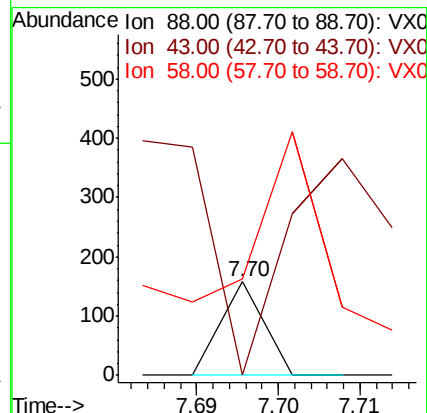
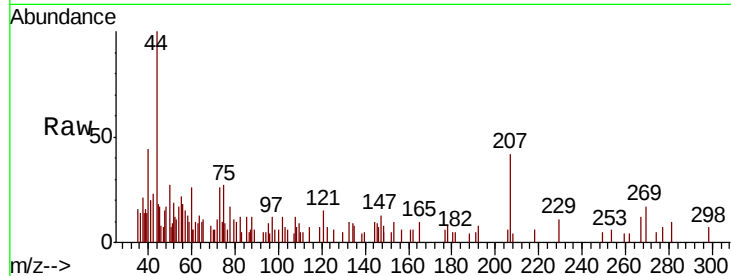
Tot Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 560.3 27.8 41.6#

58 289.7 58.3 87.5#



#50

Toluene-d8

Concen: 48.203 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017491.D

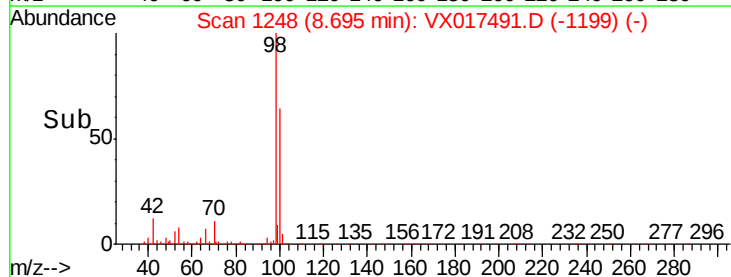
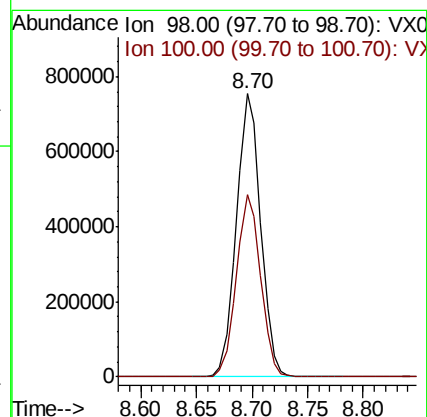
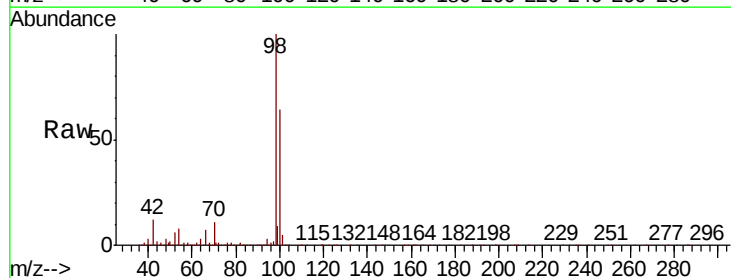
Acq: 23 Jul 2020 14:50

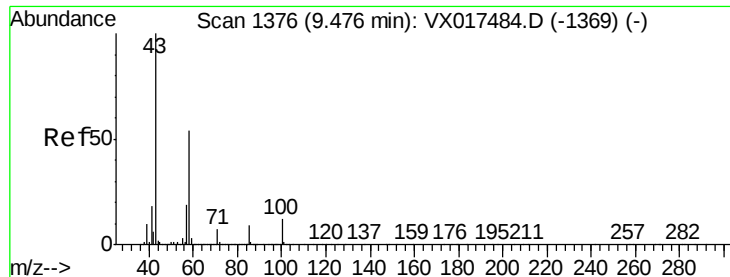
Tgt Ion: 98 Resp: 1138529

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

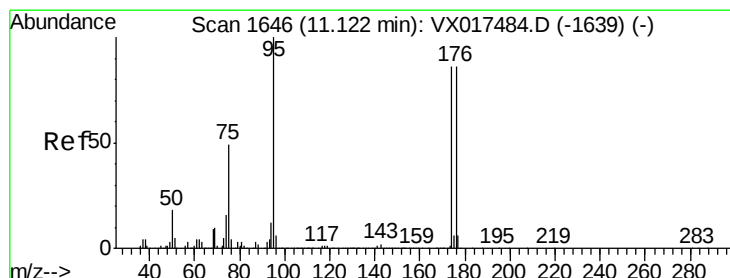
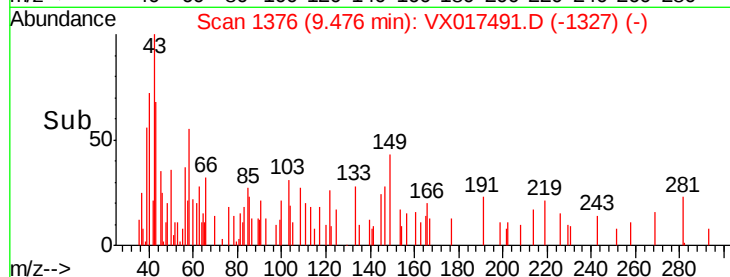
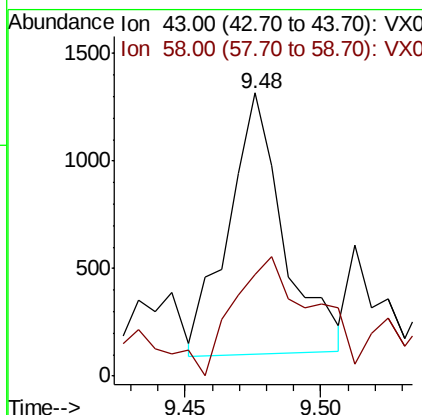
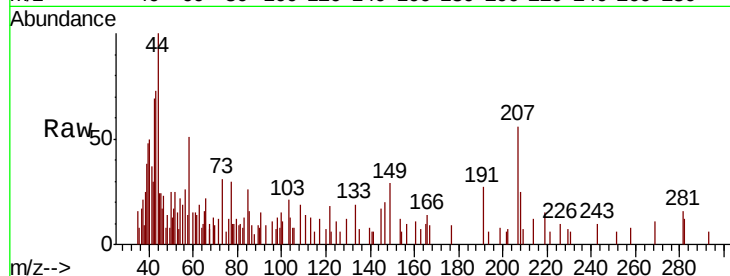




#59
2-Hexanone
Concen: 0.225 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

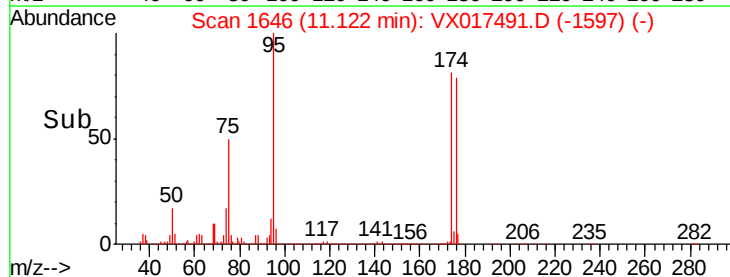
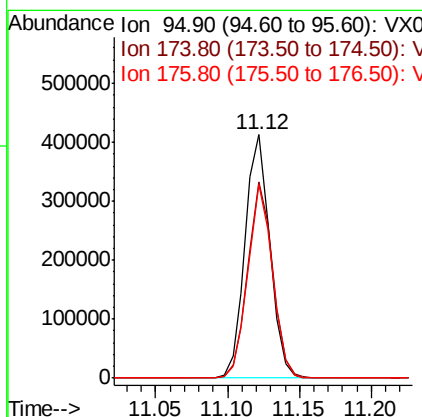
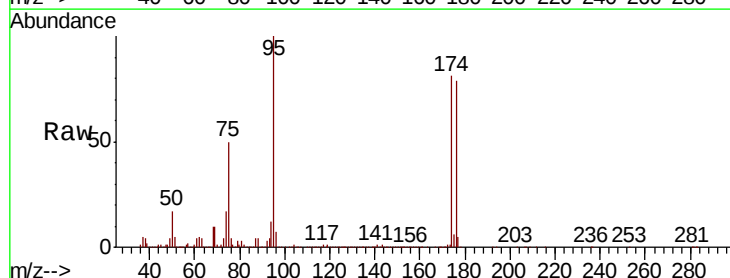
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200722

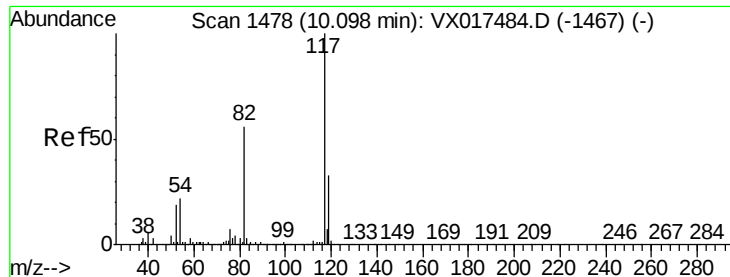
Tot Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 65.4 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 51.827 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

Tgt Ion: 95 Resp: 489902
Ion Ratio Lower Upper
95 100
174 81.6 0.0 169.0
176 78.9 0.0 161.0

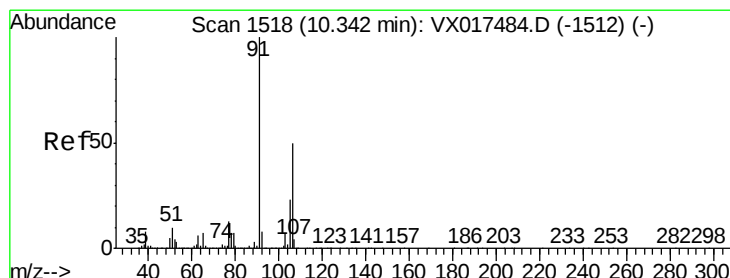
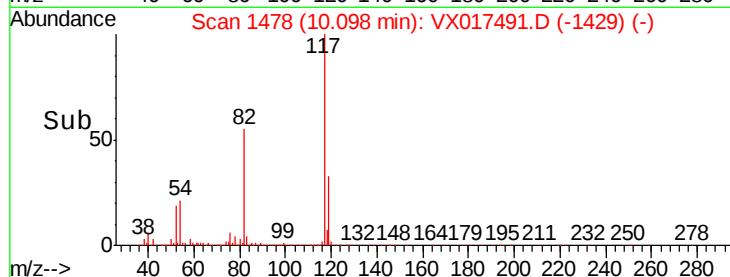
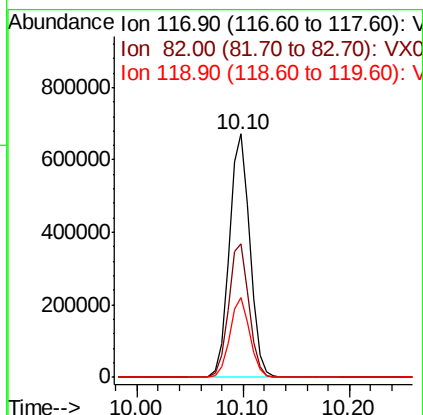
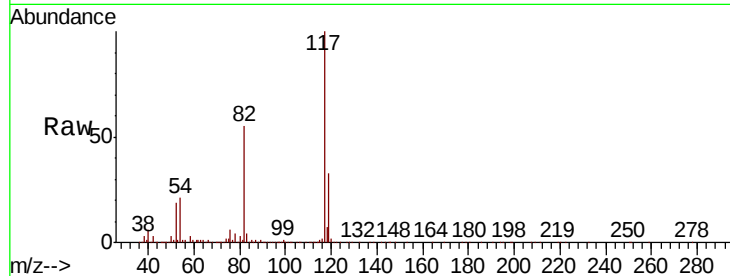




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

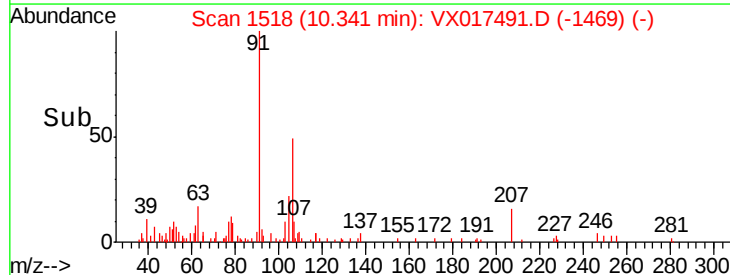
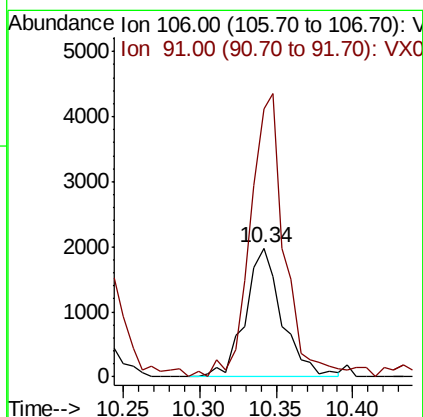
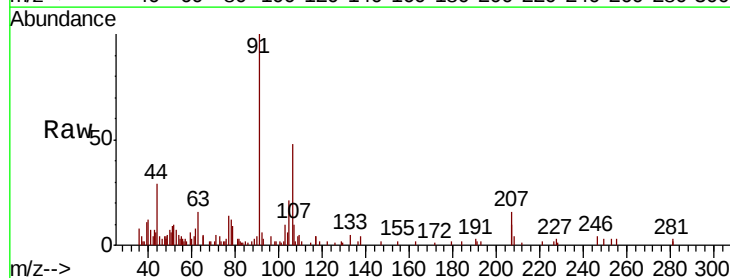
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200722

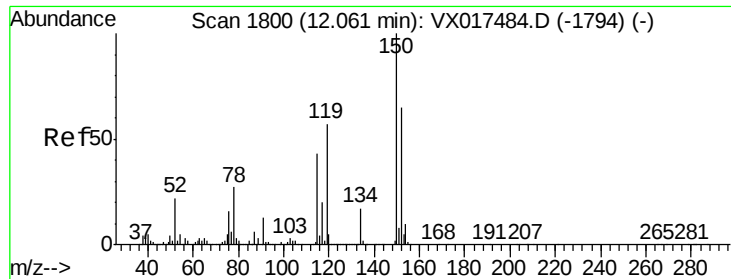
Tot Ion:117 Resp: 907324
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.5 25.4 38.0



#68
m/p-Xylenes
Concen: 0.260 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017491.D
Acq: 23 Jul 2020 14:50

Tgt Ion:106 Resp: 3307
Ion Ratio Lower Upper
106 100
91 207.5 160.9 241.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

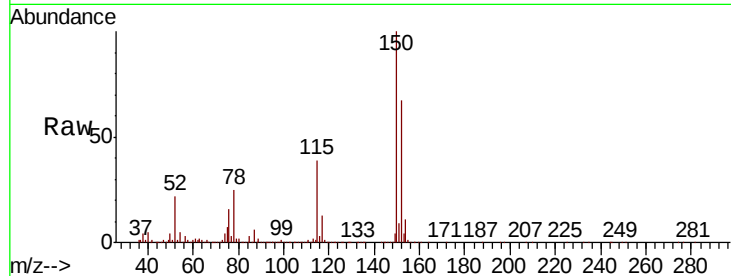
Tot Ion:152 Resp: 464687

Ion Ratio Lower Upper

152 100

115 58.6 65.5 196.6#

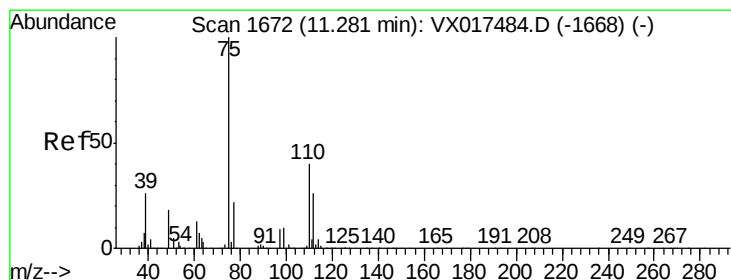
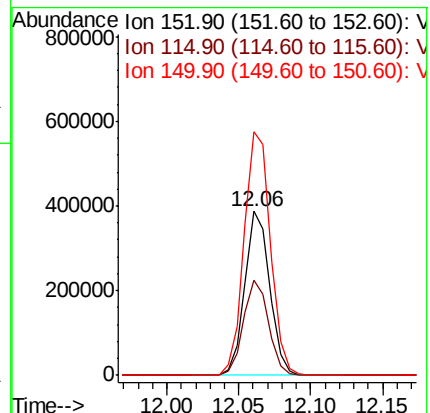
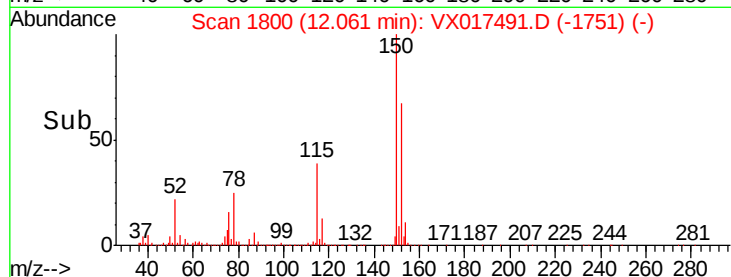
150 156.4 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 25.911 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017491.D

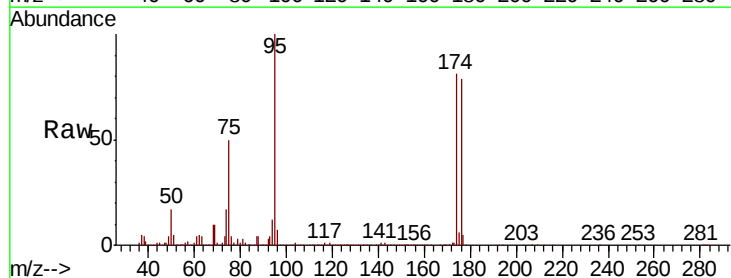
Acq: 23 Jul 2020 14:50

Tgt Ion: 75 Resp: 247682

Ion Ratio Lower Upper

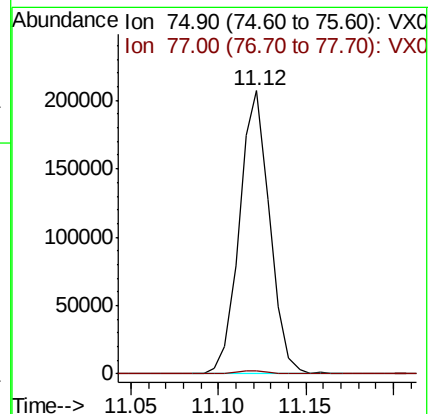
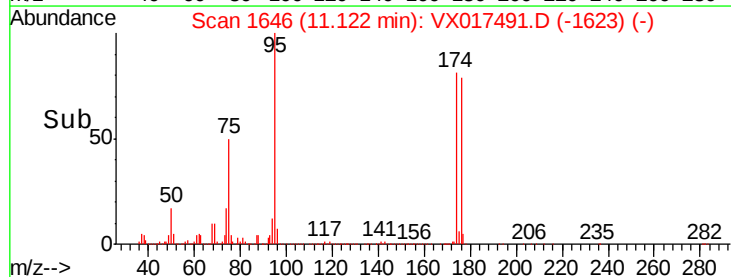
75 100

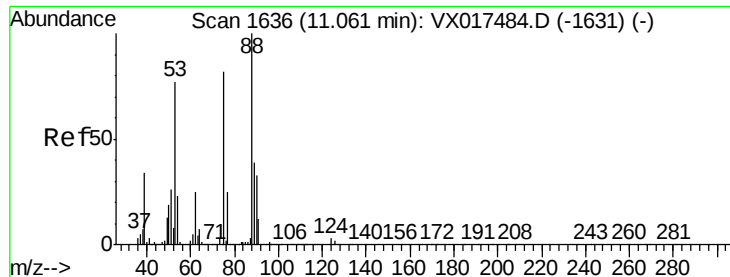
77 1.4 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.291 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

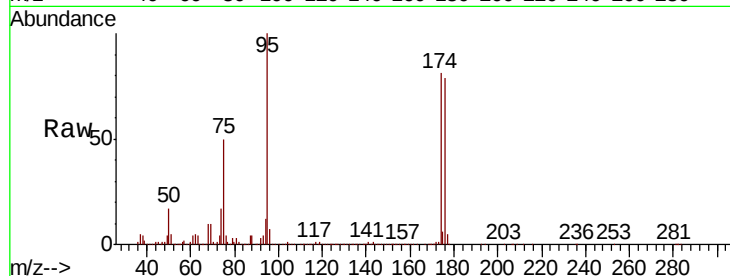
Tot Ion: 75 Resp: 247682

Ion Ratio Lower Upper

75 100

53 0.3 75.9 113.9#

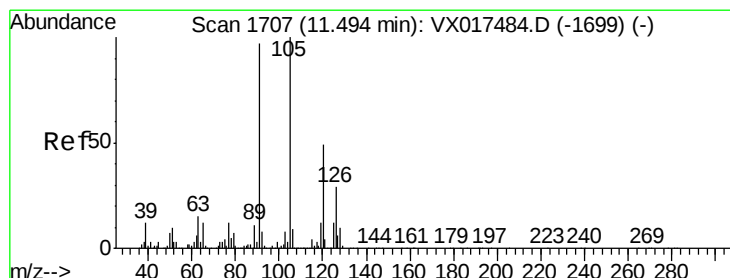
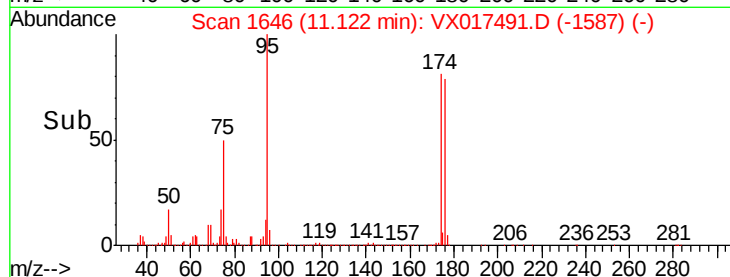
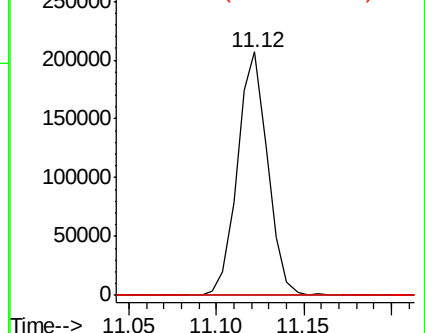
89 0.2 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.217 ug/l

RT: 11.50 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VX017491.D

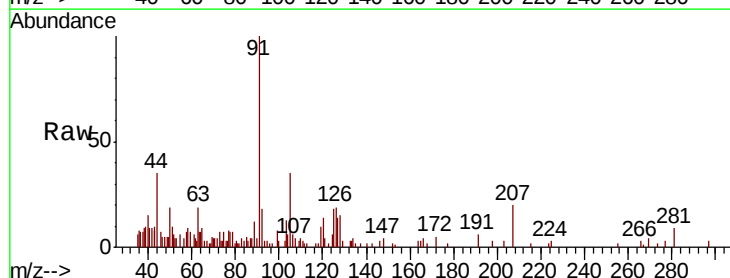
Acq: 23 Jul 2020 14:50

Tgt Ion: 91 Resp: 5698

Ion Ratio Lower Upper

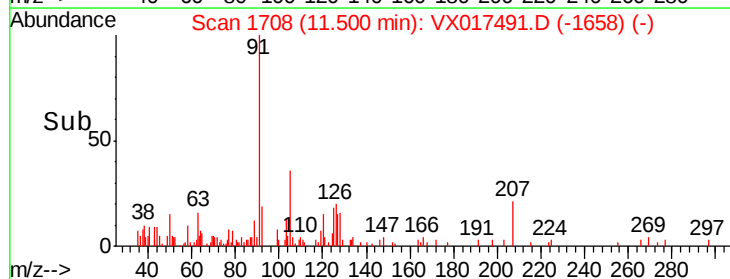
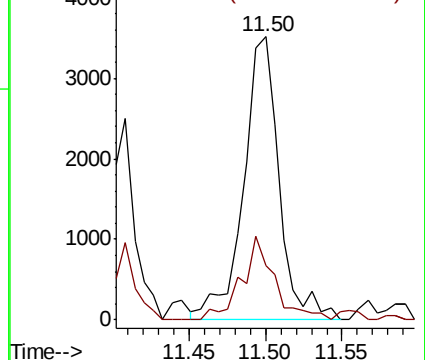
91 100

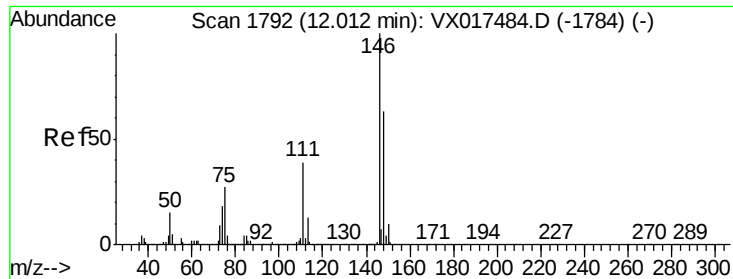
126 26.8 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#87

1,3-Dichlorobenzene

Concen: 0.220 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

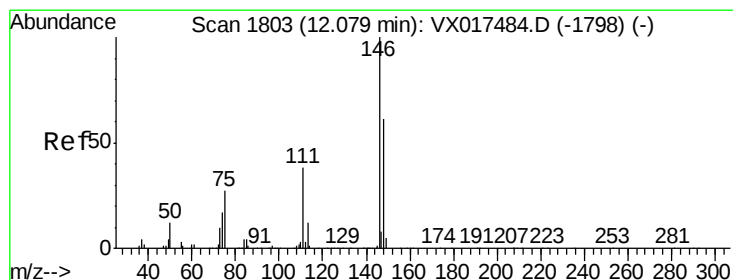
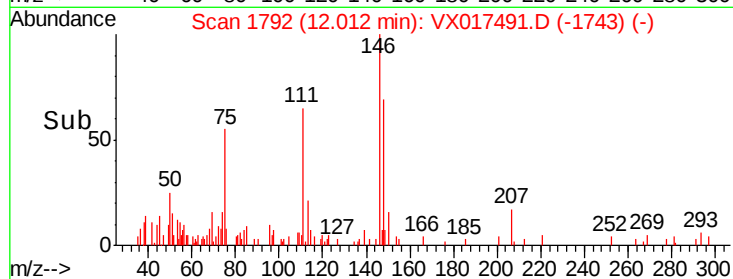
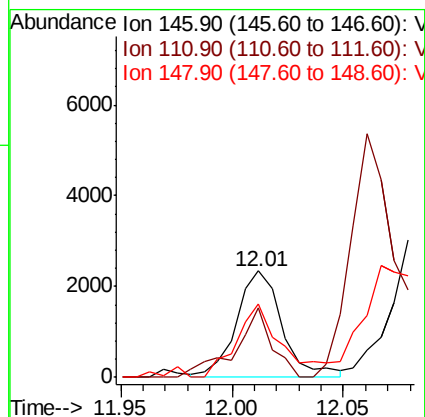
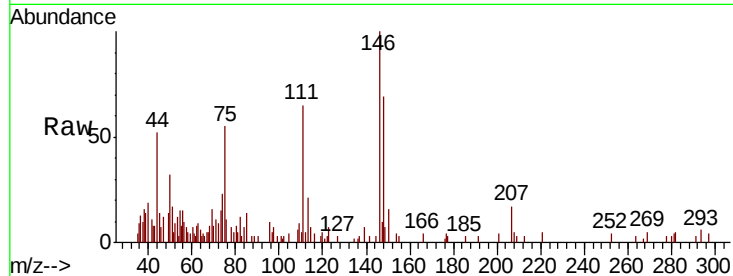
Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200722

Tot Ion:146 Resp: 3369

Ion	Ratio	Lower	Upper
146	100		
111	52.2	19.9	59.7
148	68.4	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 0.212 ug/l

RT: 12.01 min Scan# 1792

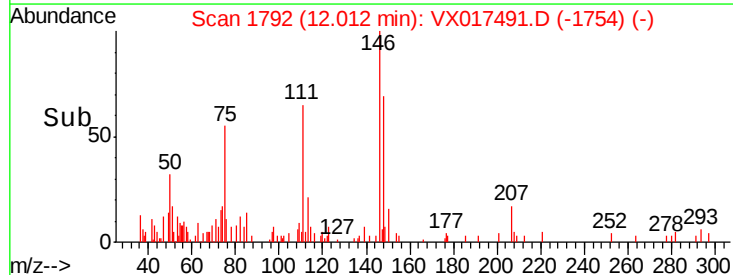
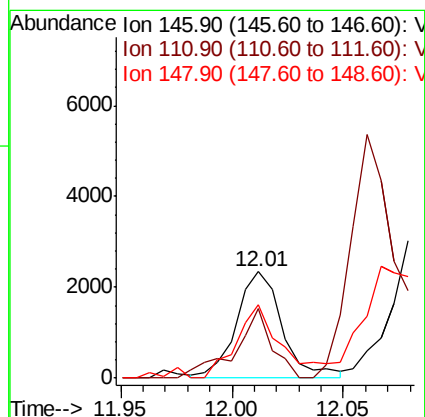
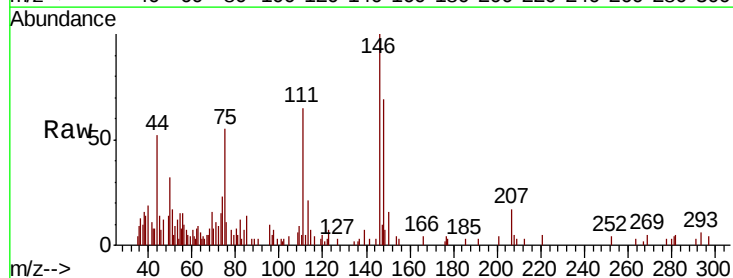
Delta R.T. -0.07 min

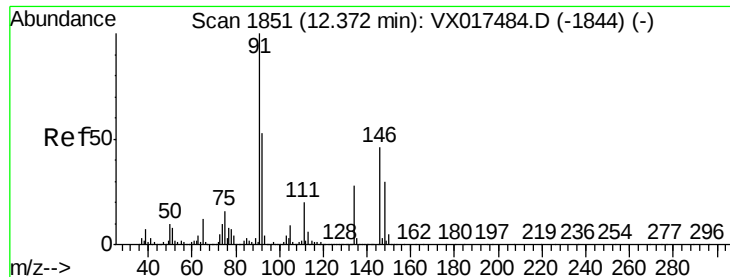
Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Tgt Ion:146 Resp: 3369

Ion	Ratio	Lower	Upper
146	100		
111	52.2	19.3	57.8
148	68.4	32.2	96.6





#89

n-Butylbenzene

Concen: 0.272 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

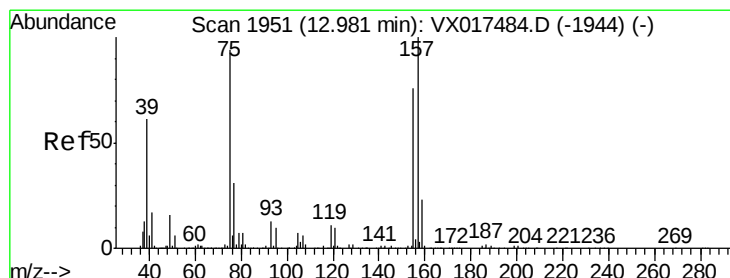
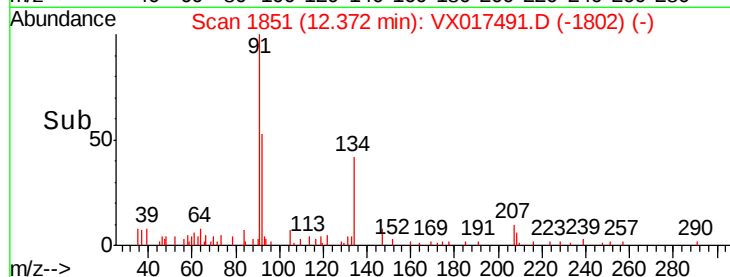
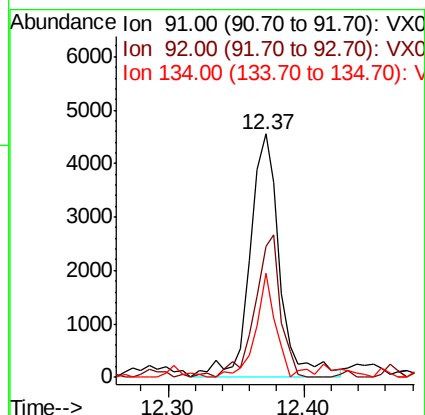
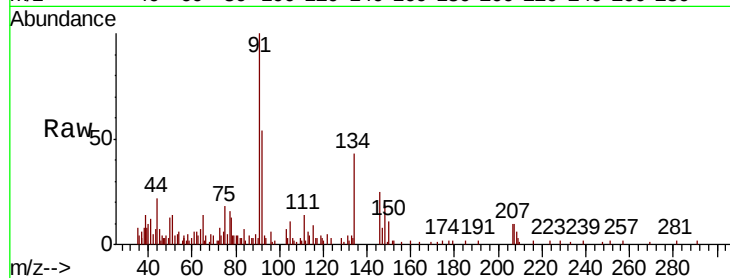
Tot Ion: 91 Resp: 6994

Ion Ratio Lower Upper

91 100

92 50.8 26.7 80.1

134 28.7 13.6 40.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.760 ug/l

RT: 12.99 min Scan# 1953

Delta R.T. 0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

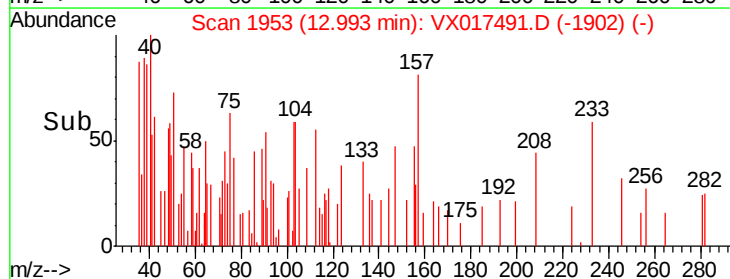
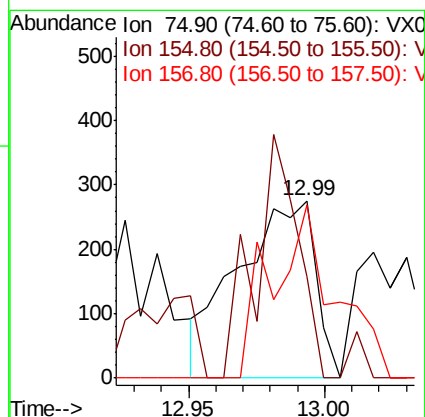
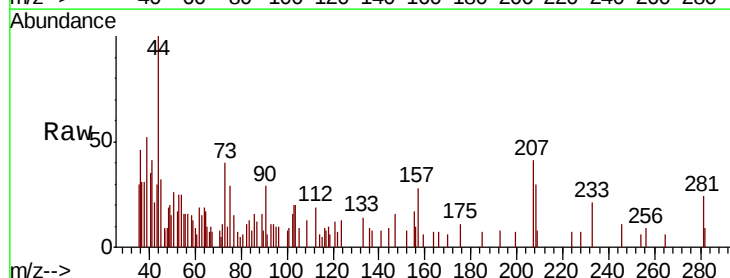
Tgt Ion: 75 Resp: 544

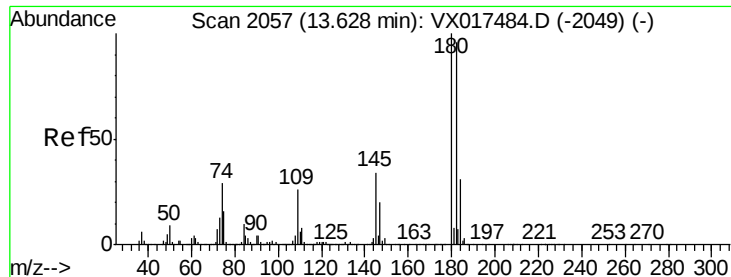
Ion Ratio Lower Upper

75 100

155 75.6 42.3 126.8

157 80.0 54.3 162.9

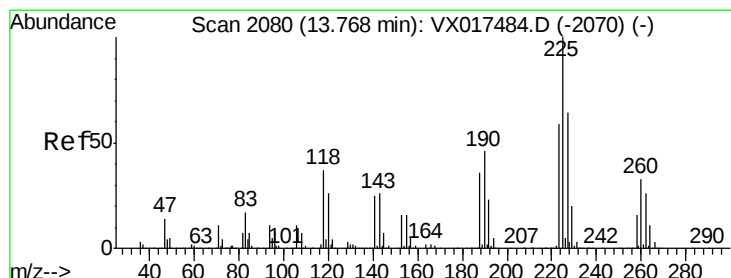
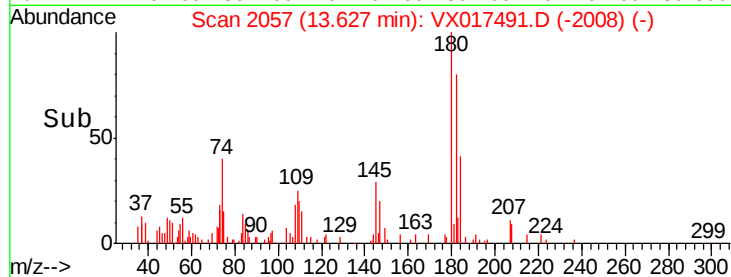
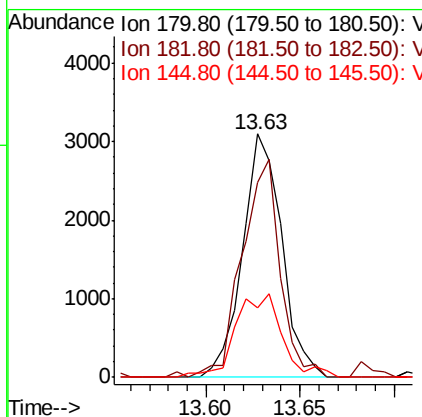
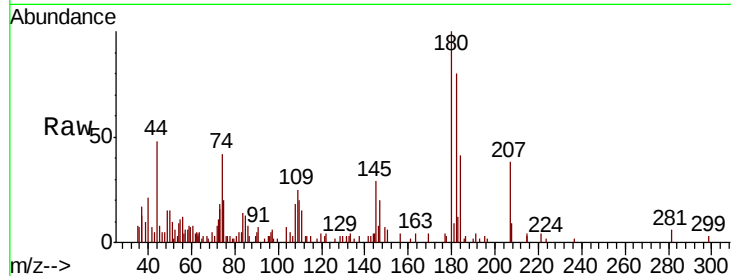




#93
 1,2,4-Trichlorobenzene
 Concen: 0.435 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017491.D
 Acq: 23 Jul 2020 14:50

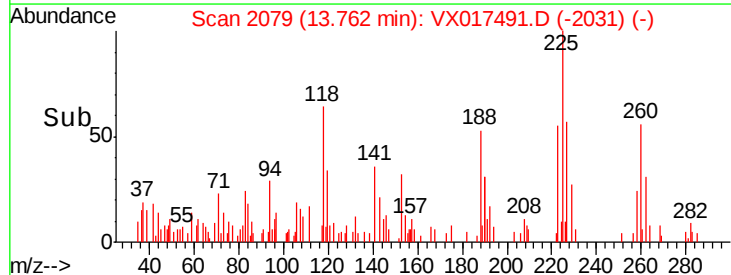
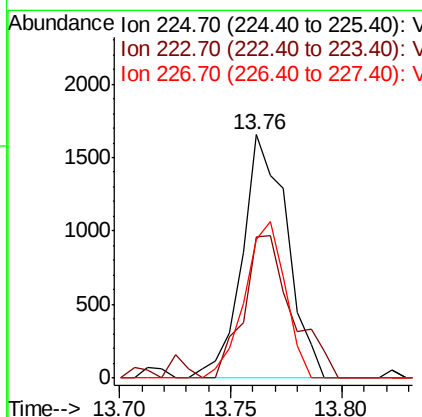
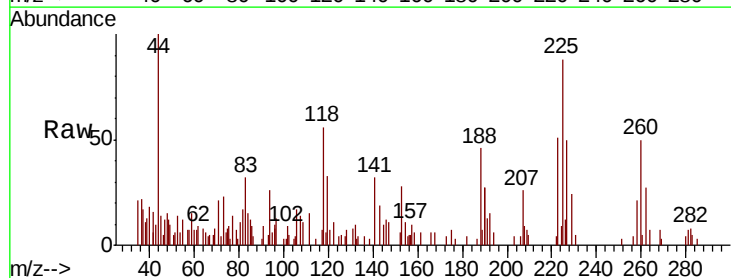
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20200722

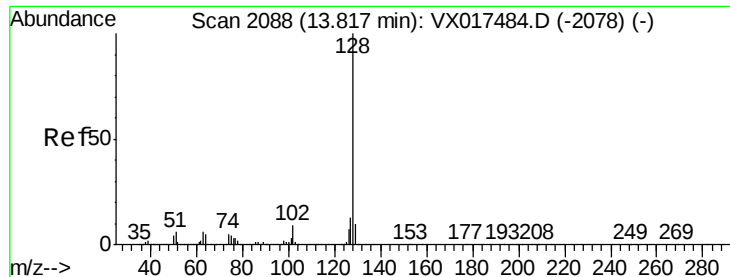
Tot Ion:180 Resp: 4472
 Ion Ratio Lower Upper
 180 100
 182 87.5 47.5 142.6
 145 40.9 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 0.490 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017491.D
 Acq: 23 Jul 2020 14:50

Tgt Ion:225 Resp: 2319
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.3 90.9
 227 58.3 31.1 93.2





#95

Naphthalene

Concen: 0.323 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200722

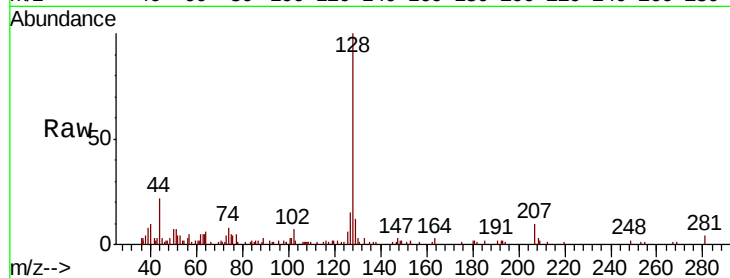
Tot Ion:128 Resp: 9904

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

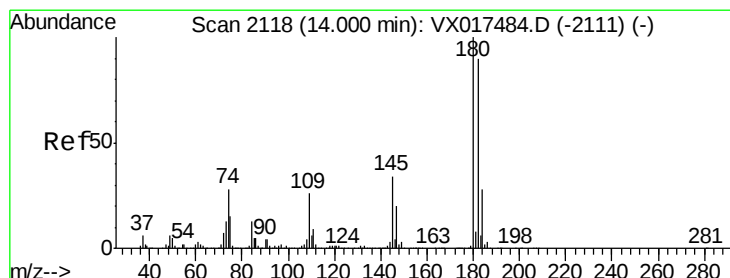
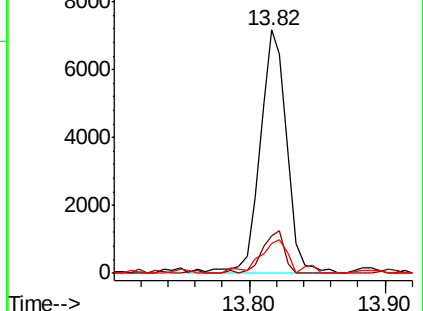
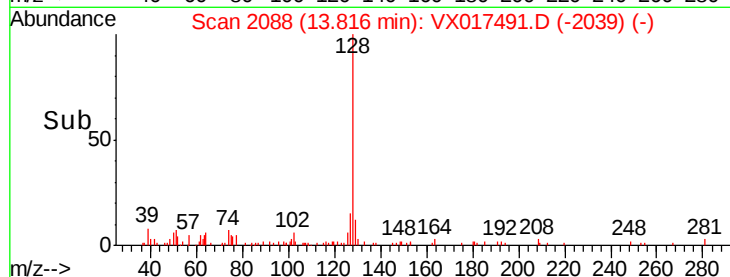
129 15.5 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.370 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017491.D

Acq: 23 Jul 2020 14:50

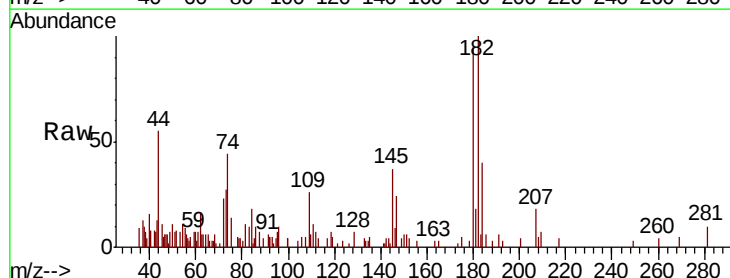
Tgt Ion:180 Resp: 3756

Ion Ratio Lower Upper

180 100

182 103.9 47.4 142.3

145 43.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

