

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017772.D
 Acq On : 04 Aug 2020 15:48
 Operator : JC/SP
 Sample : L3556-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 05 01:49:30 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	5.64	168	613686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	878661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	824992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	385006	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.46	113	300770	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.70	98	1054628	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.12	95	399518	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

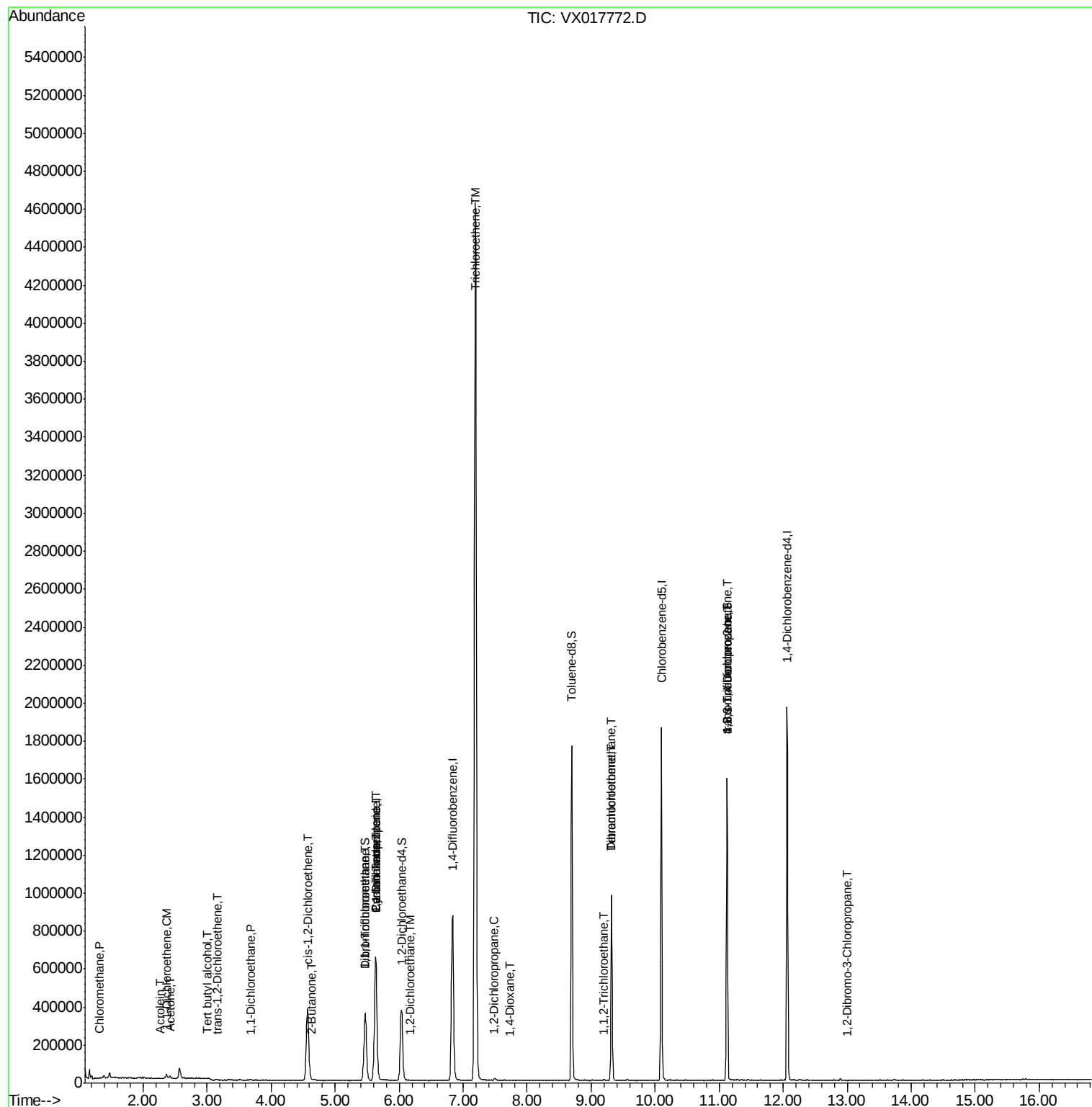
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	566	Below Cal		89
3) Chloromethane	1.31	50	3208	0.787 ug/l #		86
5) Bromomethane	1.61	94	147	Below Cal #		79
6) Chloroethane	1.72	64	194	Below Cal #		44
8) Diethyl Ether	2.16	74	529	Below Cal		59
11) Tert butyl alcohol	3.01	59	547	0.329 ug/l #		1
12) 1,1-Dichloroethene	2.36	96	7750	1.223 ug/l		93
13) Acrolein	2.27	56	342	4.414 ug/l #		14
16) Acetone	2.42	43	13675	3.941 ug/l #		84
20) Methylene Chloride	2.84	84	604	Below Cal #		38
21) trans-1,2-Dichloroethene	3.15	96	2903	0.428 ug/l #		75
24) 1,1-Dichloroethane	3.67	63	6776	0.556 ug/l #		87
25) 2-Butanone	4.64	43	1752	0.355 ug/l #		52
27) cis-1,2-Dichloroethene	4.57	96	241341	32.721 ug/l		88
31) Cyclohexane	5.63	56	13388	1.377 ug/l #		27
32) 1,1,1-Trichloroethane	5.46	97	4885	0.416 ug/l #		35
36) 1,1-Dichloropropene	5.63	75	47171	5.598 ug/l #		51
38) Carbon Tetrachloride	5.63	117	60504	5.912 ug/l #		18
42) 1,2-Dichloroethane	6.16	62	2062	0.209 ug/l #		70
44) Trichloroethene	7.19	130	1763170	249.718 ug/l		97
45) 1,2-Dichloropropane	7.49	63	4511	0.674 ug/l		90
49) 1,4-Dioxane	7.71	88	542	3.749 ug/l #		1
55) 1,1,2-Trichloroethane	9.20	97	1764	0.273 ug/l #		80
60) Dibromochloromethane	9.32	129	173215	21.114 ug/l #		11
64) Tetrachloroethene	9.32	164	184952	24.978 ug/l		99
76) 1,2,3-Trichloropropane	11.12	75	203087	24.001 ug/l #		34
81) trans-1,4-Dichloro-2-buten	11.12	75	203087	60.478 ug/l #		12
92) 1,2-Dibromo-3-Chloropropan	13.00	75	299	2.690 ug/l #		30

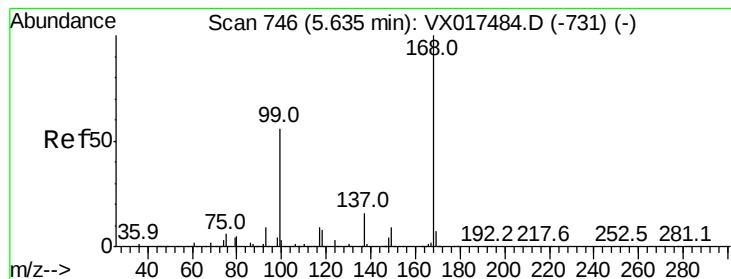
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 04 Aug 2020 15:48
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

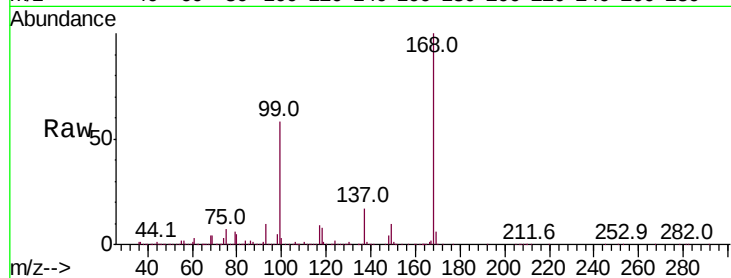
ClientSampleId :

Tot Ion:168 Resp: 613686

Ion Ratio Lower Upper

168 100

99 58.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): VX017484.D (-731) (-)

Ion 98.90 (98.60 to 99.60): VX017484.D (-731) (-)

5.64

250000

200000

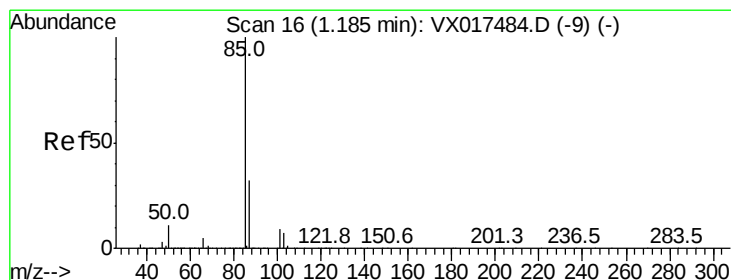
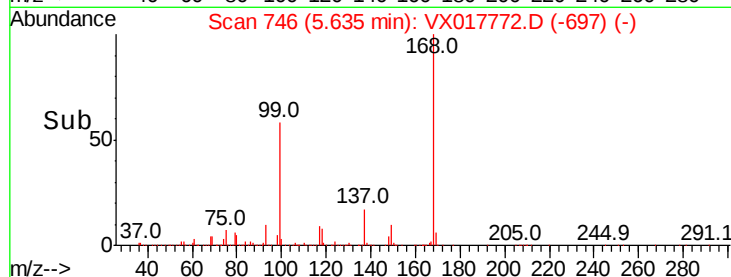
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017772.D

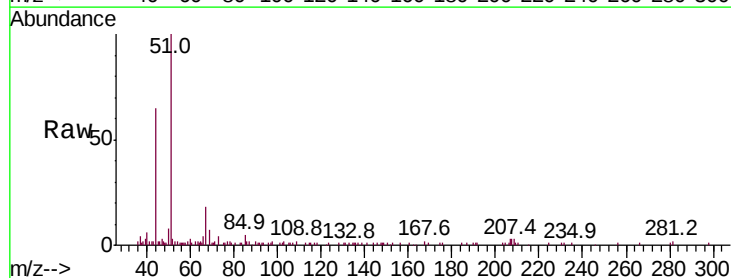
Acq: 04 Aug 2020 15:48

Tgt Ion: 85 Resp: 566

Ion Ratio Lower Upper

85 100

87 38.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX017484.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VX017484.D (-9) (-)

1.19

600

500

400

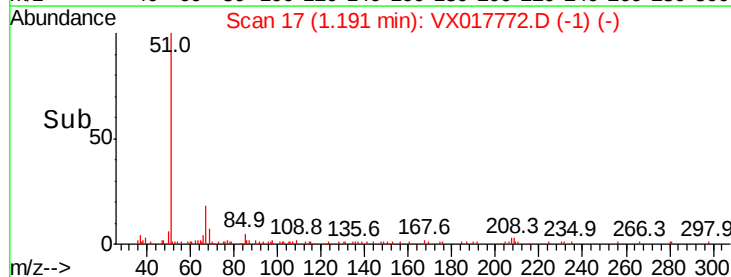
300

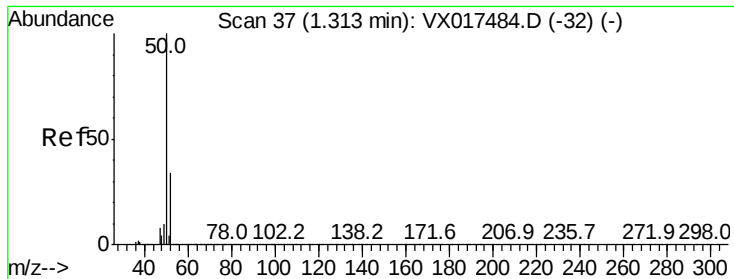
200

100

0

Time-->





#3

Chloromethane

Concen: 0.787 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

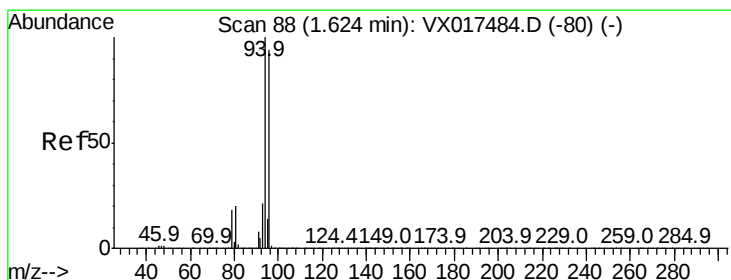
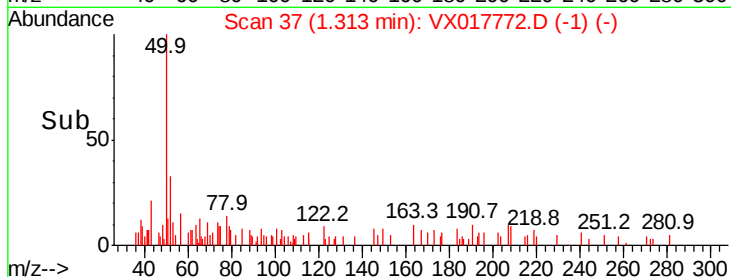
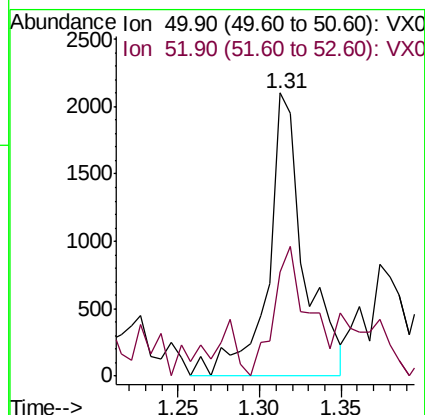
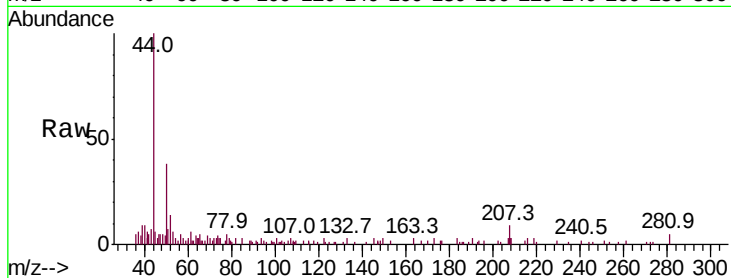
ClientSampleId :

Tot Ion: 50 Resp: 3208

Ion Ratio Lower Upper

50 100

52 24.3 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 85

Delta R.T. -0.02 min

Lab File: VX017772.D

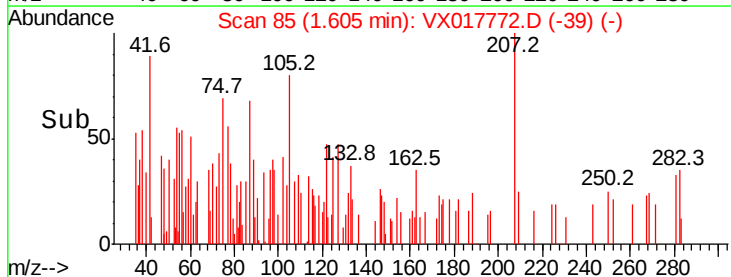
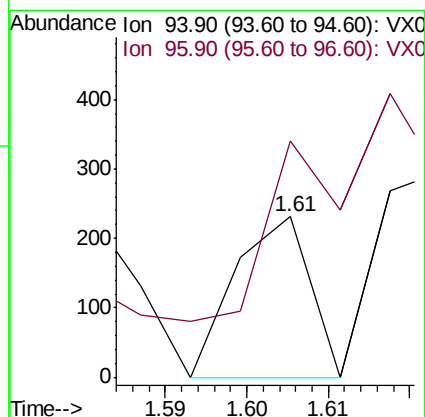
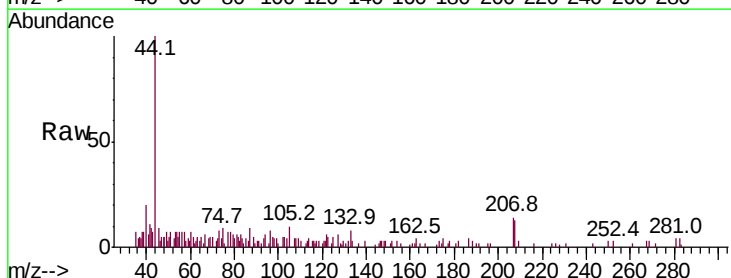
Acq: 04 Aug 2020 15:48

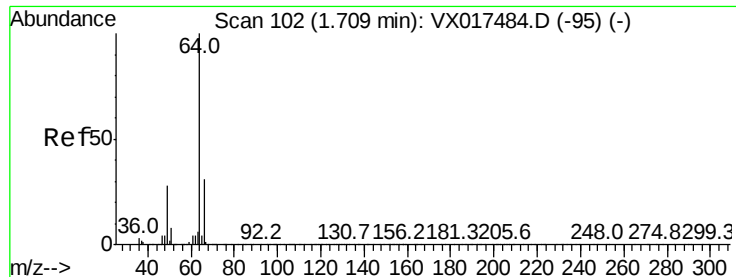
Tgt Ion: 94 Resp: 147

Ion Ratio Lower Upper

94 100

96 112.6 74.1 111.1#





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

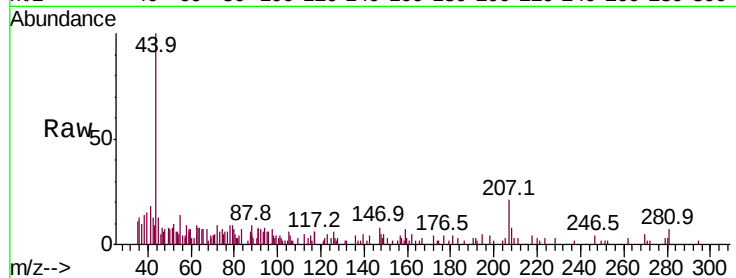
ClientSampled :

Tot Ion: 64 Resp: 194

Ion Ratio Lower Upper

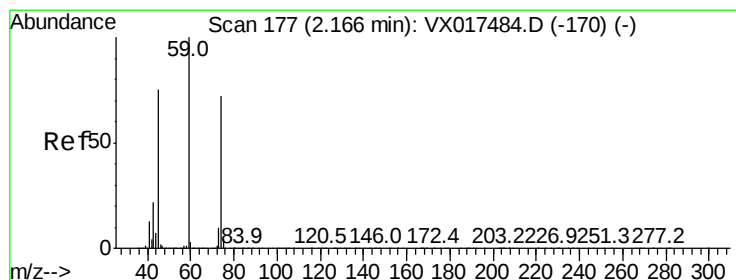
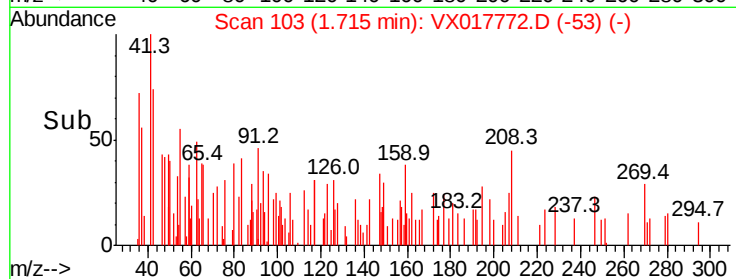
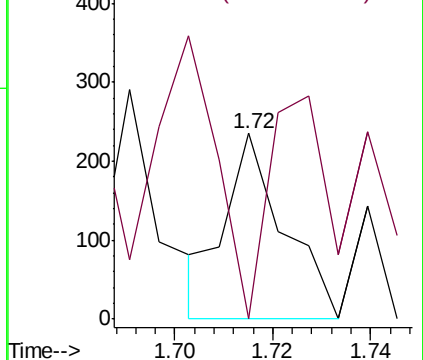
64 100

66 0.0 24.9 37.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.16 min Scan# 176

Delta R.T. -0.01 min

Lab File: VX017772.D

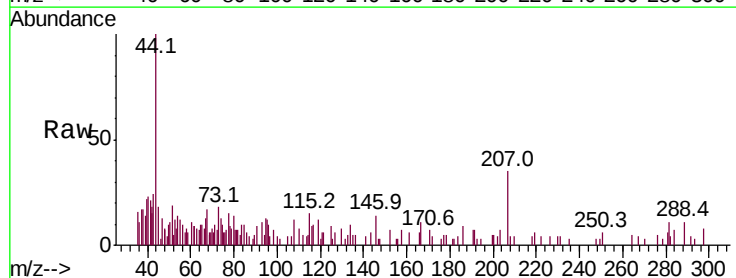
Acq: 04 Aug 2020 15:48

Tgt Ion: 74 Resp: 529

Ion Ratio Lower Upper

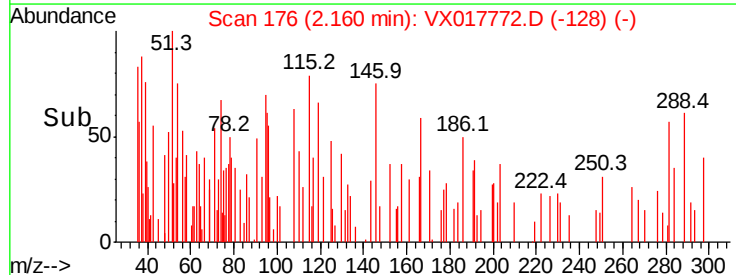
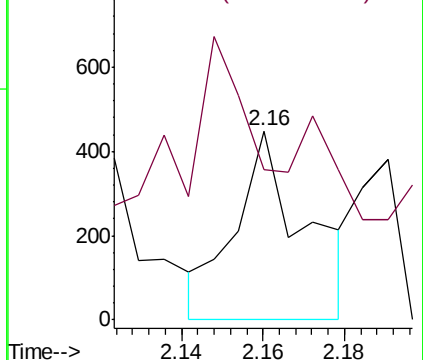
74 100

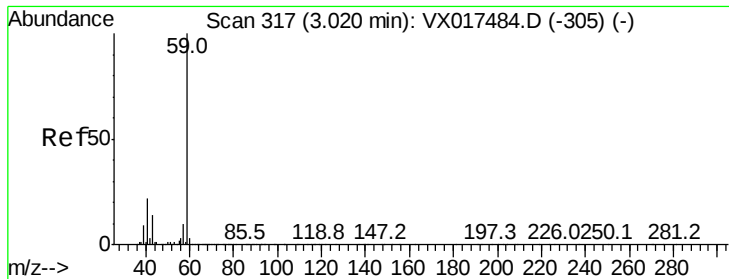
45 60.7 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



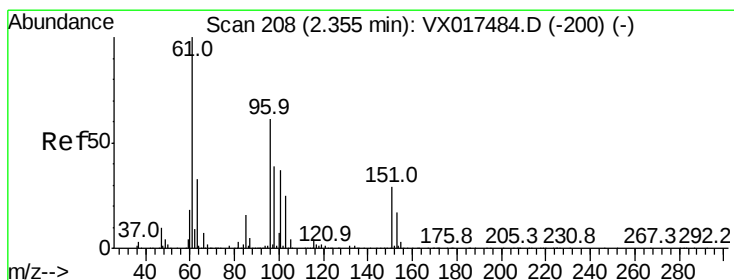
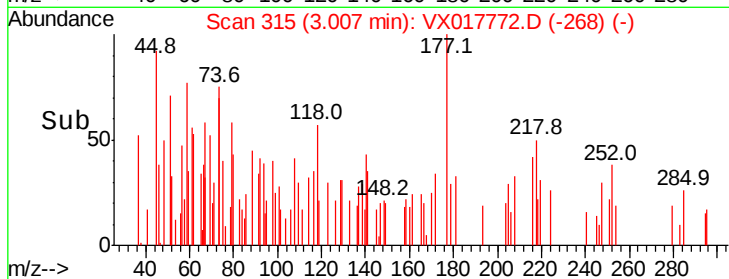
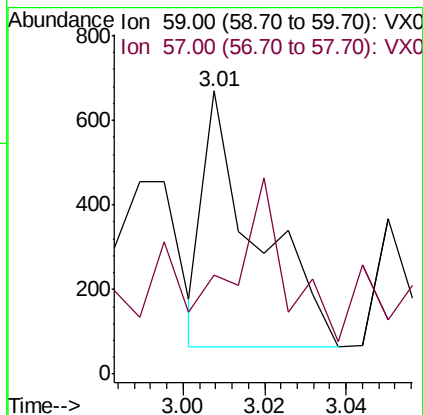
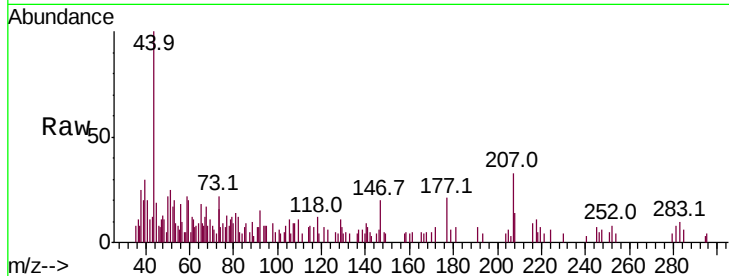


#11

Tert butyl alcohol
Concen: 0.329 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017772.D
Acq: 04 Aug 2020 15:48

Instrument :
MSVOA_X
ClientSampled :

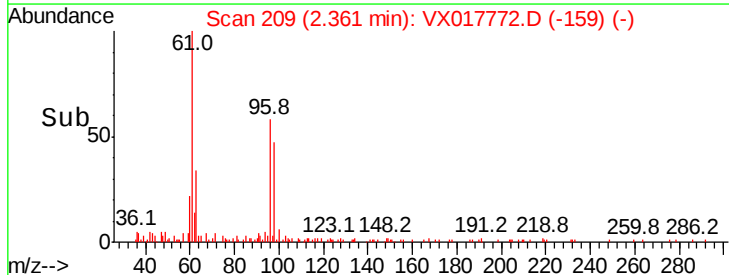
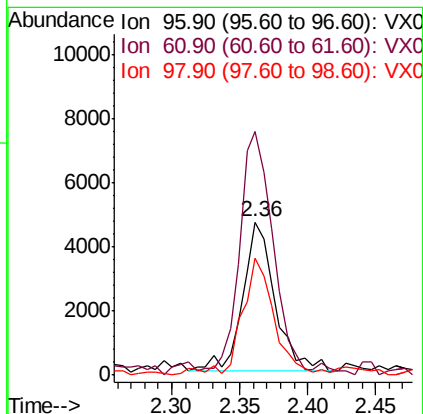
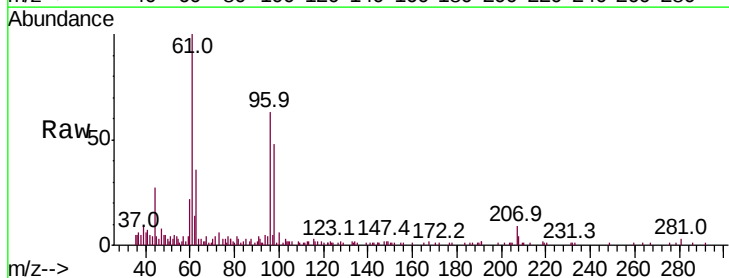
Tot Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 81.5 8.6 12.8#

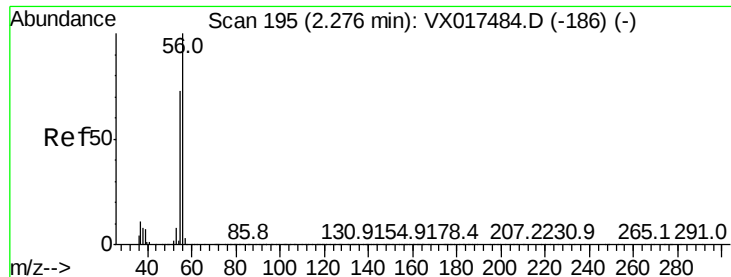


#12

1,1-Dichloroethene
Concen: 1.223 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017772.D
Acq: 04 Aug 2020 15:48

Tgt Ion: 96 Resp: 7750
Ion Ratio Lower Upper
96 100
61 160.5 134.0 201.0
98 74.2 51.0 76.4





#13

Acrolein

Concen: 4.414 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

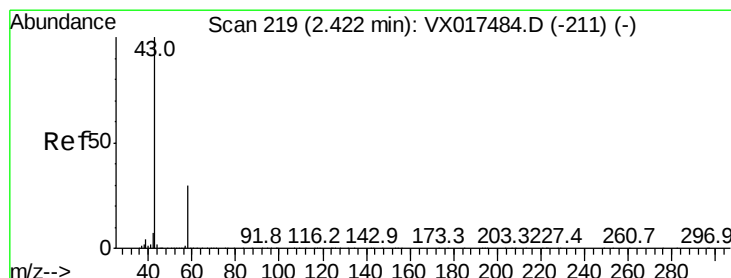
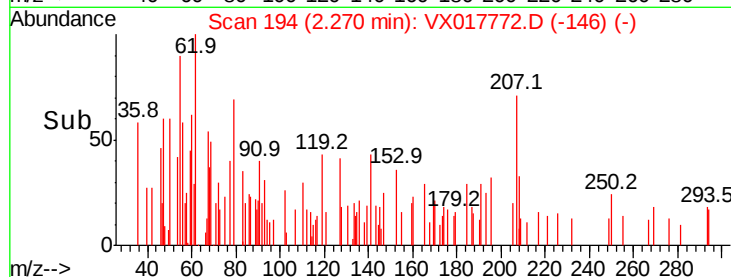
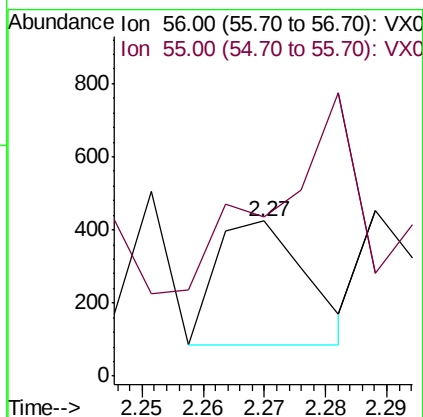
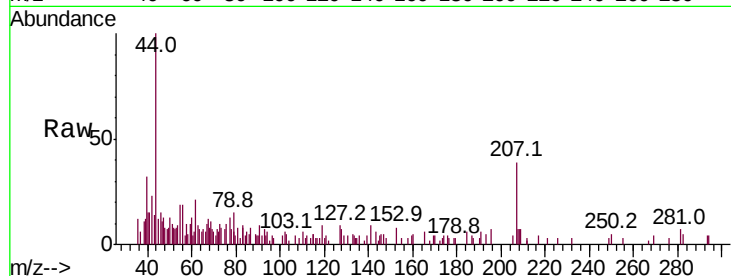
ClientSampleId :

Tot Ion: 56 Resp: 342

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#16

Acetone

Concen: 3.941 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017772.D

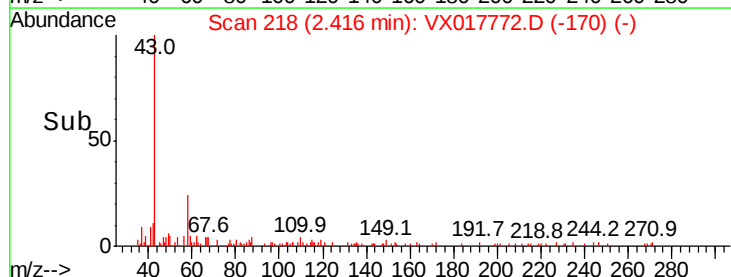
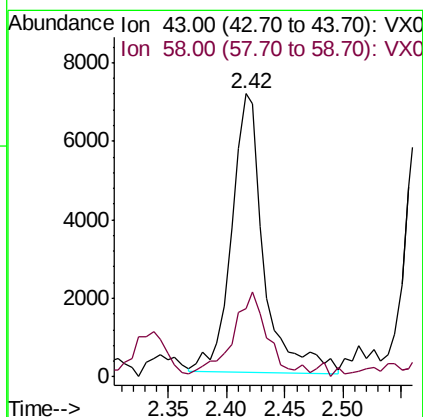
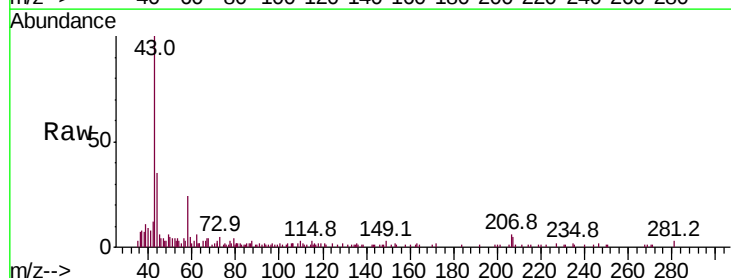
Acq: 04 Aug 2020 15:48

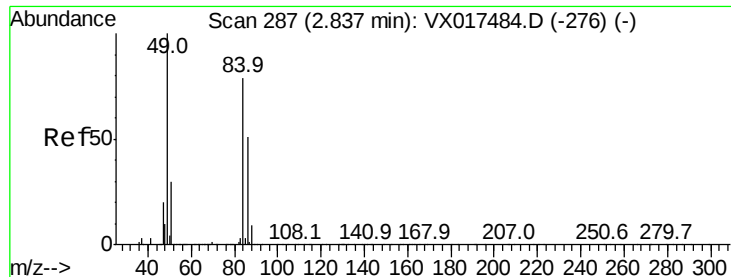
Tgt Ion: 43 Resp: 13675

Ion Ratio Lower Upper

43 100

58 21.5 24.2 36.4#



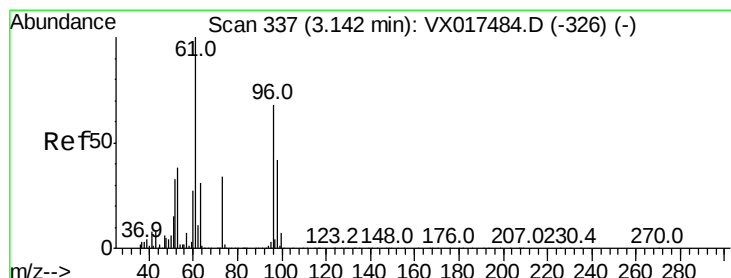
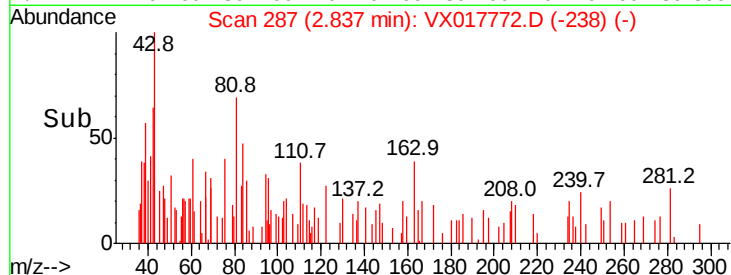
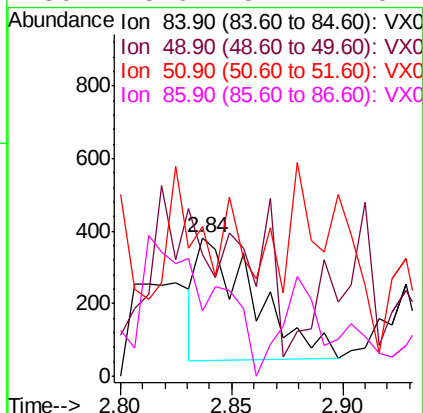
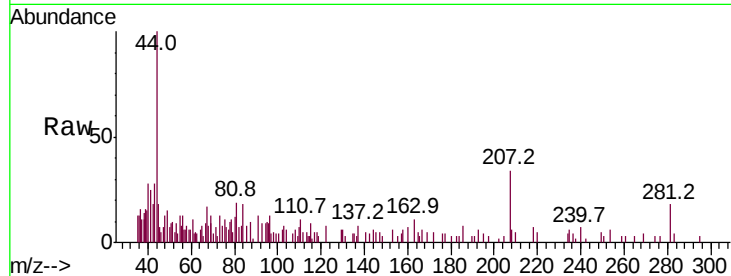


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :

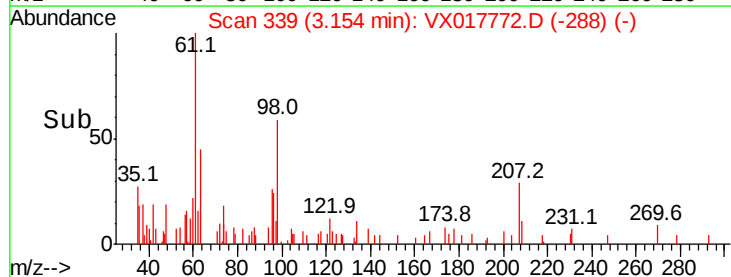
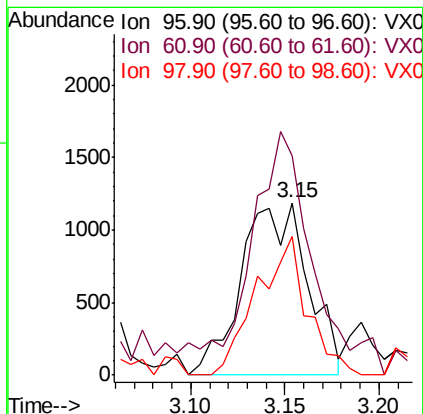
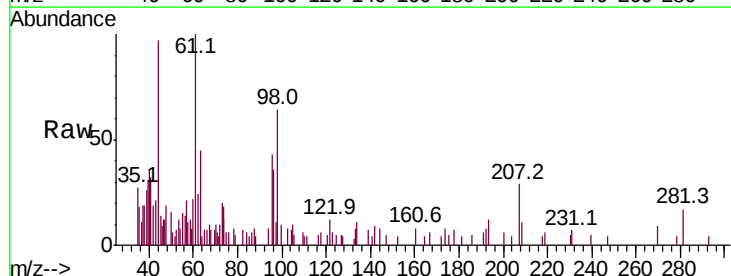
Tot Ion: 84 Resp: 604
 Ion Ratio Lower Upper
 84 100
 49 38.7 100.3 150.5#
 51 18.4 30.5 45.7#
 86 23.6 51.1 76.7#

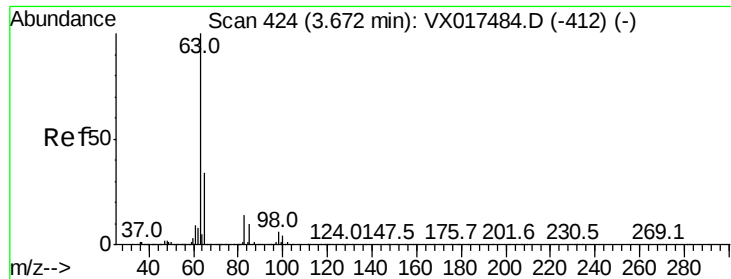


#21

trans-1,2-Dichloroethene
 Concen: 0.428 ug/l
 RT: 3.15 min Scan# 339
 Delta R.T. 0.01 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Tgt Ion: 96 Resp: 2903
 Ion Ratio Lower Upper
 96 100
 61 108.1 113.0 169.4#
 98 80.9 51.8 77.8#





#24

1,1-Dichloroethane

Concen: 0.556 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

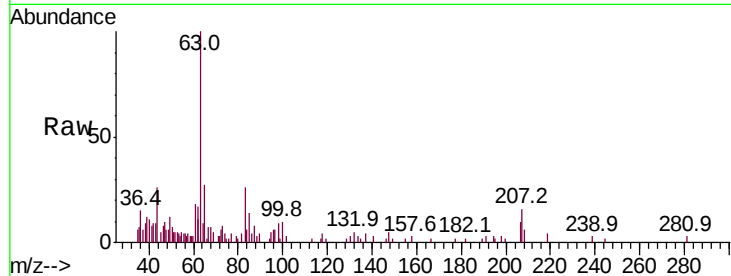
Tot Ion: 63 Resp: 6776

Ion Ratio Lower Upper

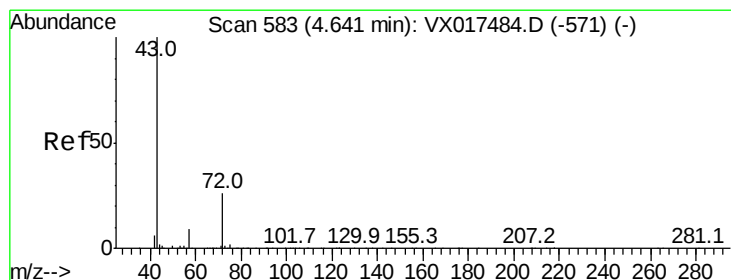
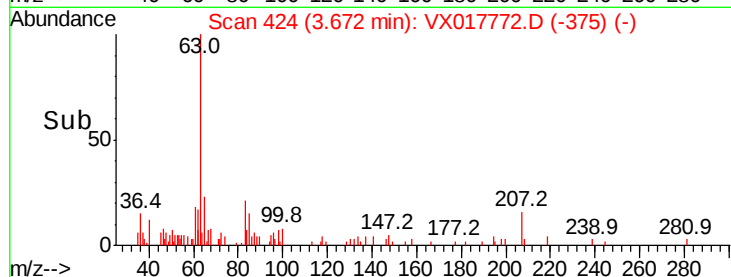
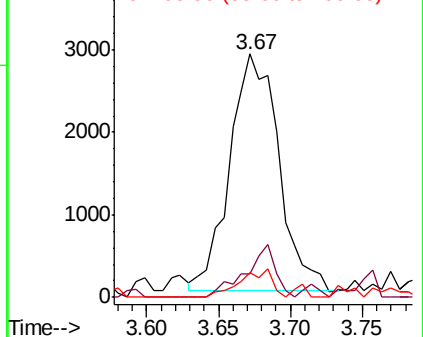
63 100

98 9.7 3.4 10.1

100 10.2 1.9 5.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.355 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017772.D

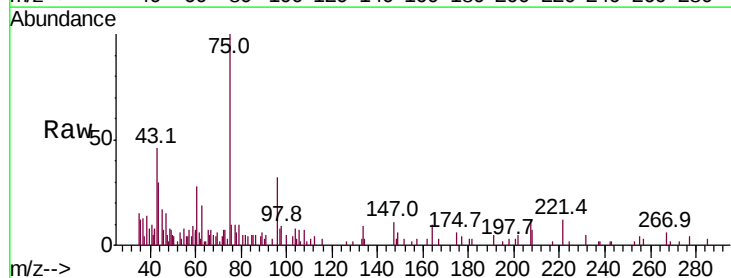
Acq: 04 Aug 2020 15:48

Tgt Ion: 43 Resp: 1752

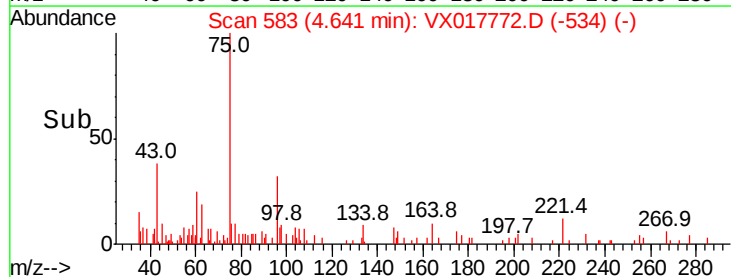
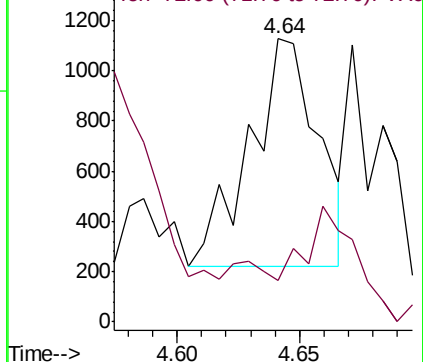
Ion Ratio Lower Upper

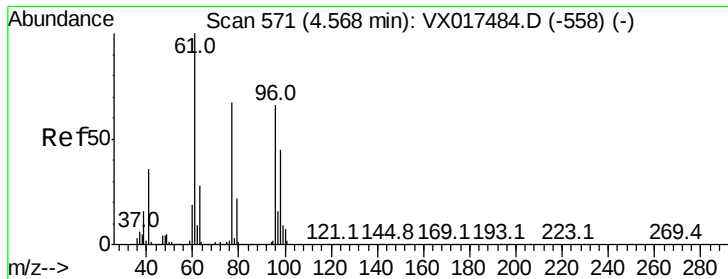
43 100

72 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



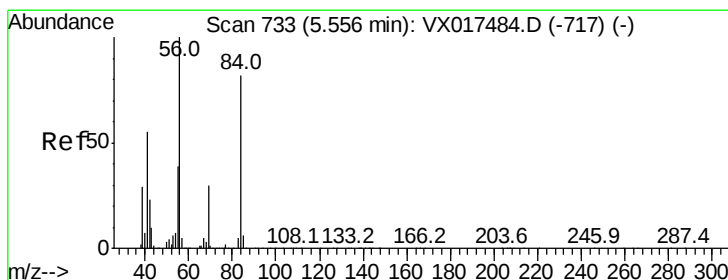
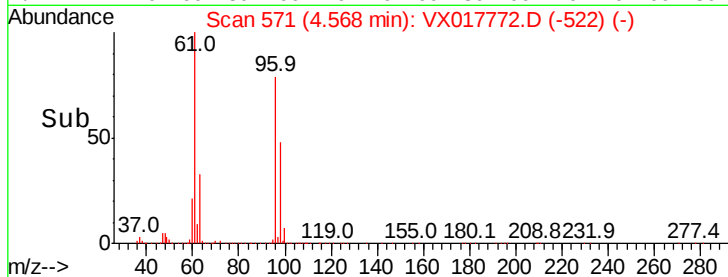
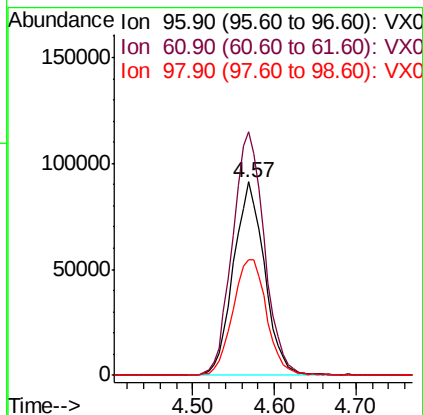
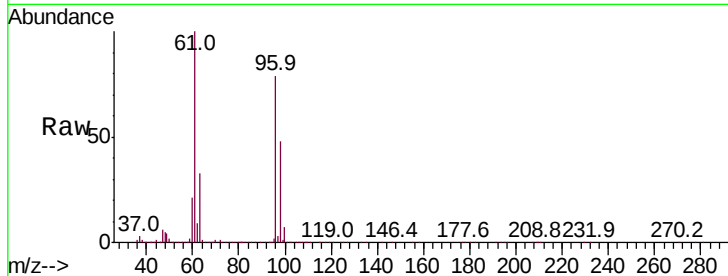


#27

cis-1,2-Dichloroethene
 Concen: 32.721 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :

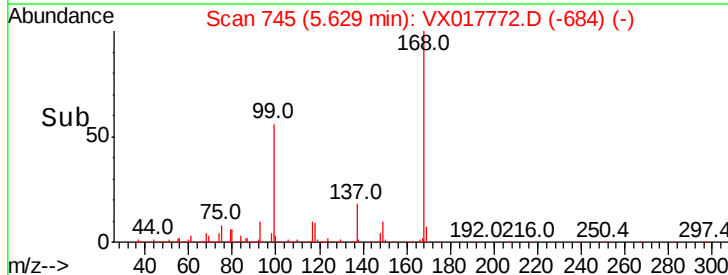
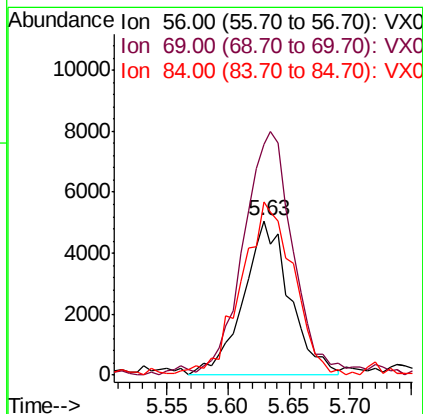
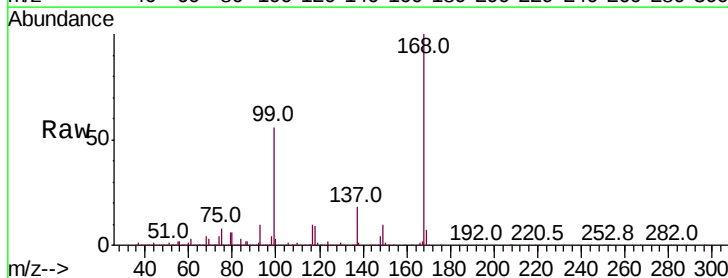
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	301.2
98	65.0	0.0	130.0

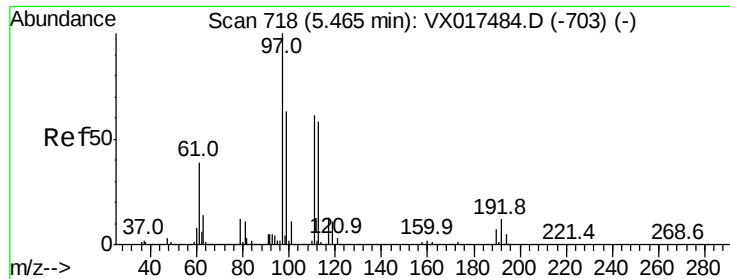


#31

Cyclohexane
 Concen: 1.377 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.07 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
56	100		
69	146.3	24.2	36.4#
84	108.4	69.0	103.6#





#32

1,1,1-Trichloroethane

Concen: 0.416 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

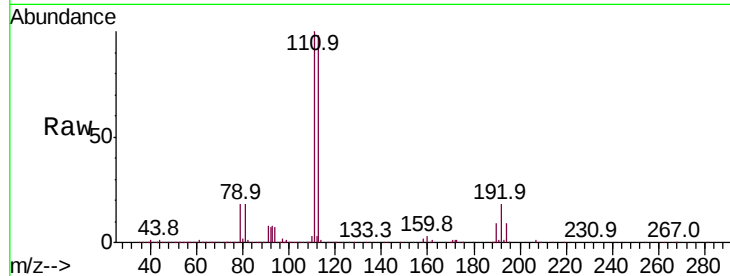
Tot Ion: 97 Resp: 4885

Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

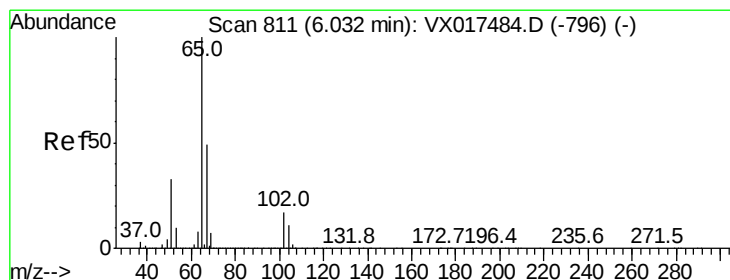
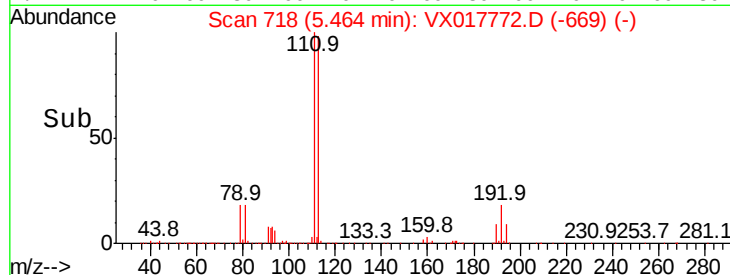
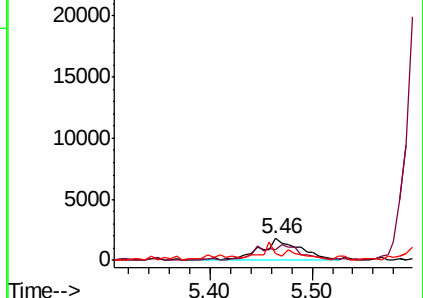
61 18.4 34.1 51.1#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.840 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017772.D

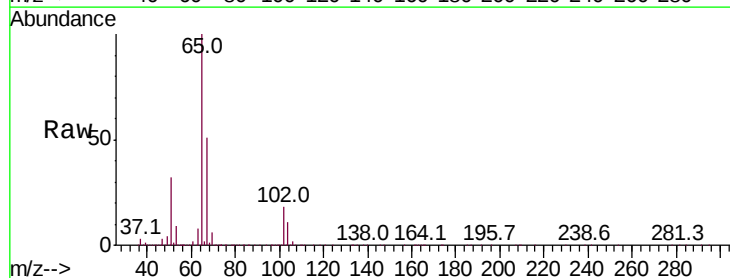
Acq: 04 Aug 2020 15:48

Tgt Ion: 65 Resp: 385006

Ion Ratio Lower Upper

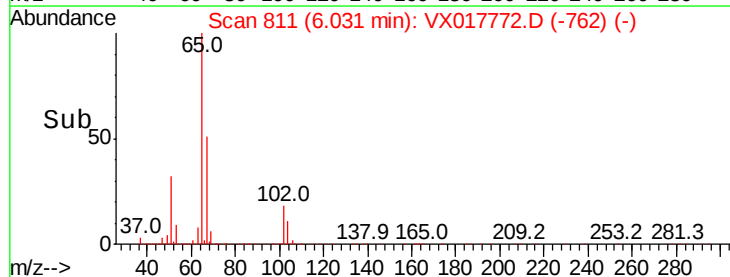
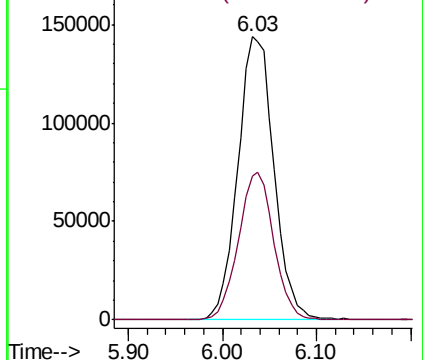
65 100

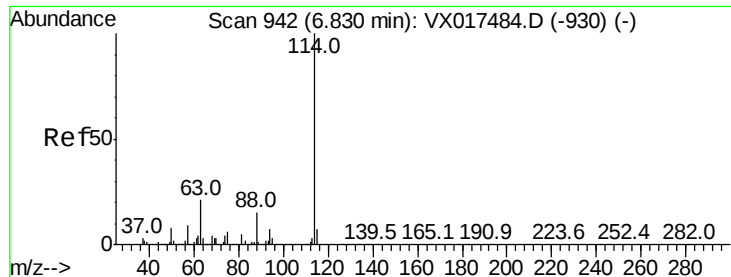
67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

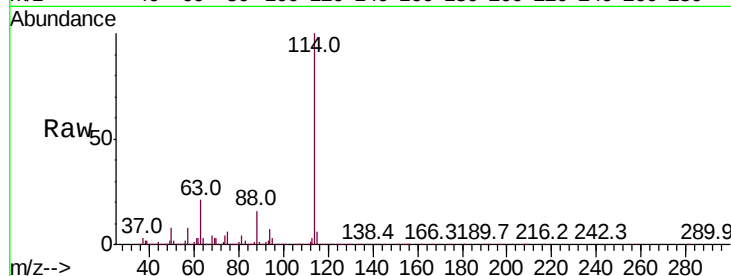
Tot Ion:114 Resp: 878661

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

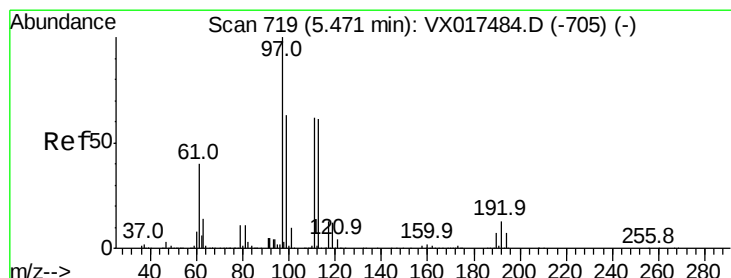
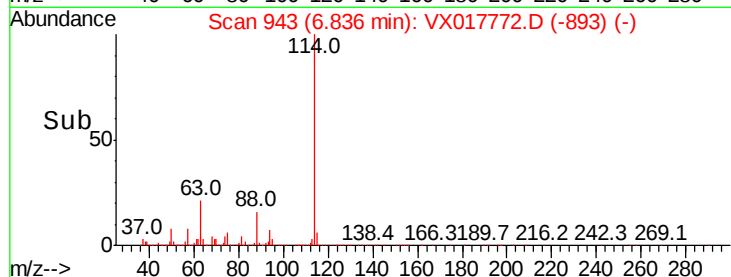
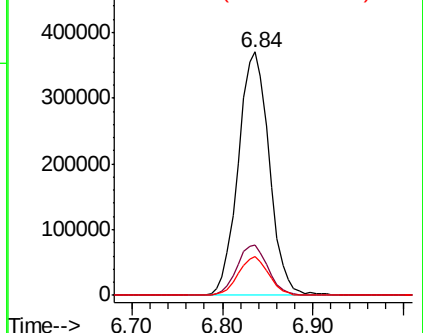
88 15.9 0.0 33.4



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: 51.182 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

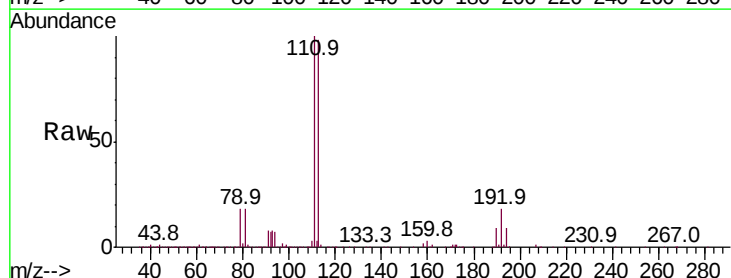
Tgt Ion:113 Resp: 300770

Ion Ratio Lower Upper

113 100

111 101.4 80.7 121.1

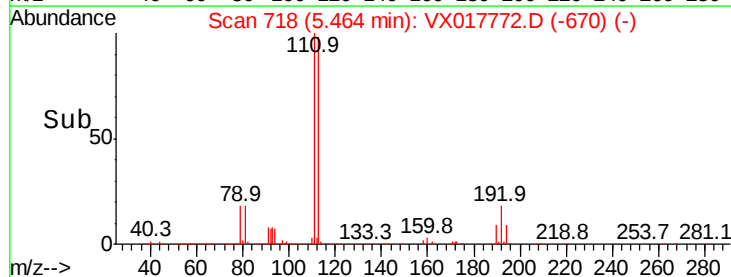
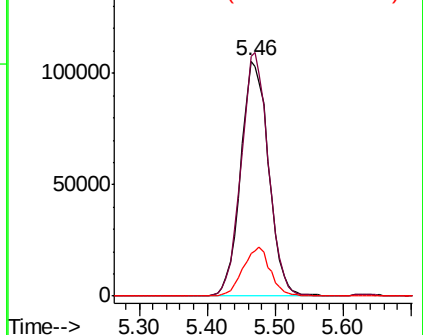
192 20.4 16.9 25.3

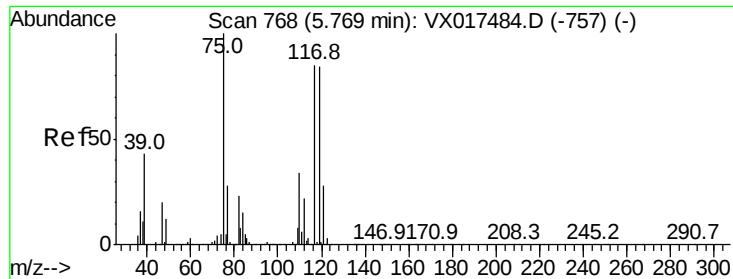


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

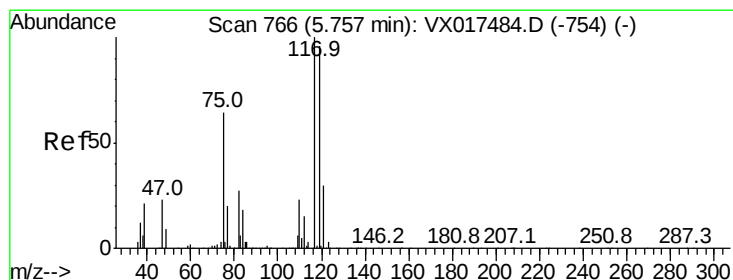
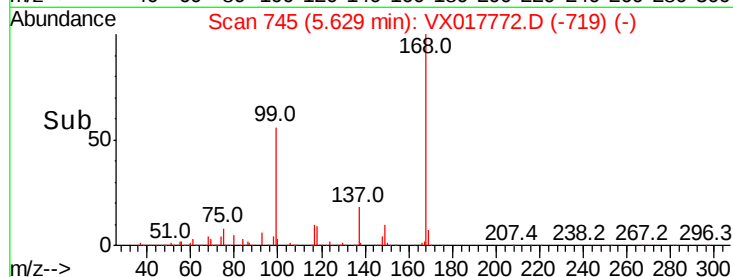
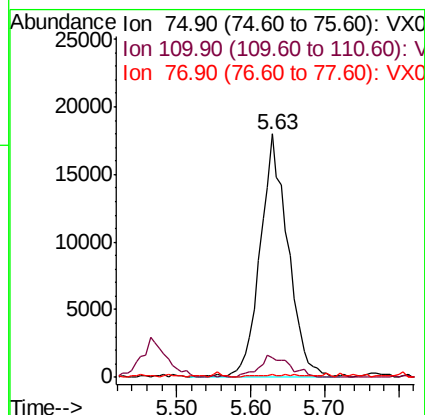
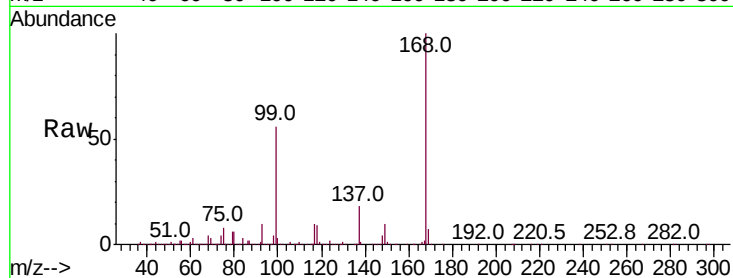




#36
 1,1-Dichloropropene
 Concen: 5.598 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

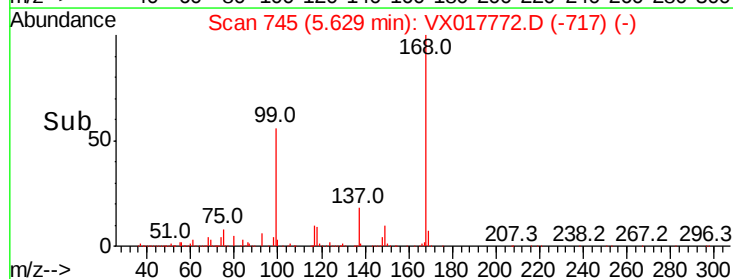
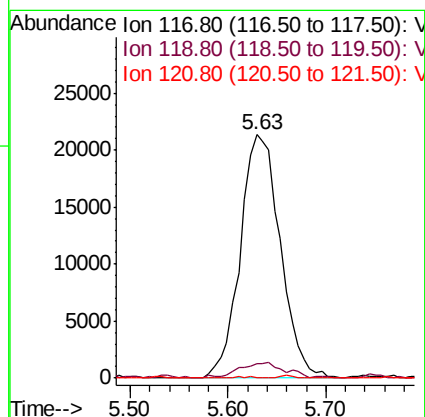
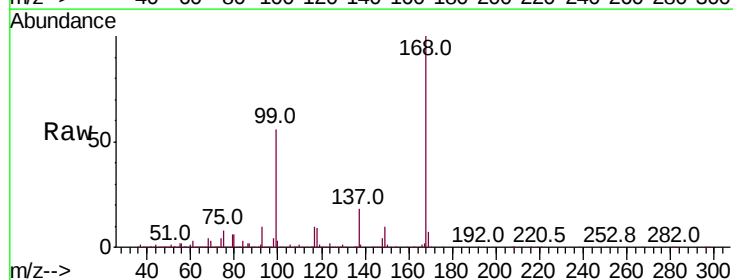
Instrument :
 MSVOA_X
 ClientSampleId :

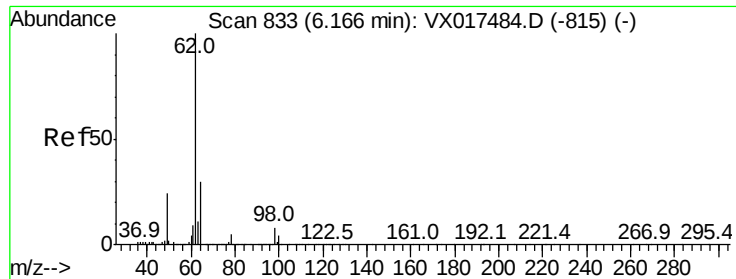
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.3#
77	0.9	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.912 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX017772.D
 Acq: 04 Aug 2020 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.4	113.0#
121	0.4	24.3	36.5#





#42

1,2-Dichloroethane

Concen: 0.209 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

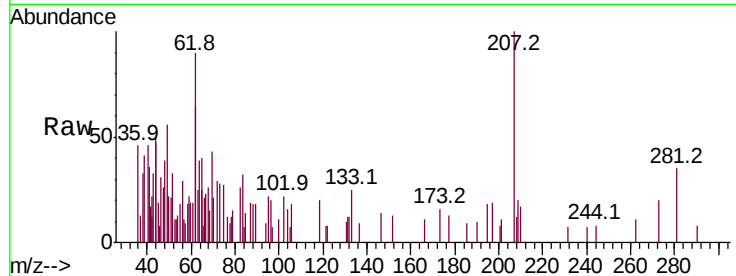
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 2062

Ion Ratio Lower Upper

62 100

98 18.4 0.0 16.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.16

1200

1000

800

600

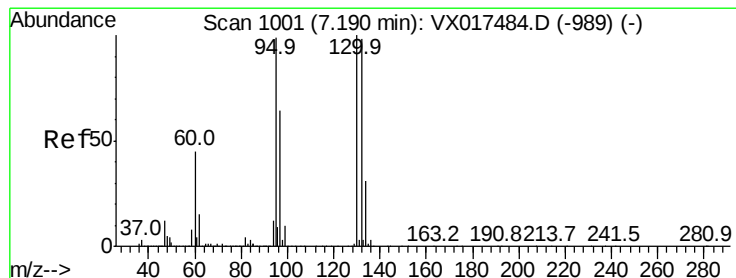
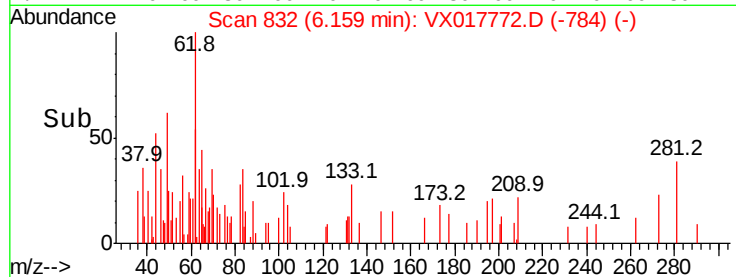
400

200

0

6.10 6.15 6.20

Time-->



#44

Trichloroethene

Concen: 249.718 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017772.D

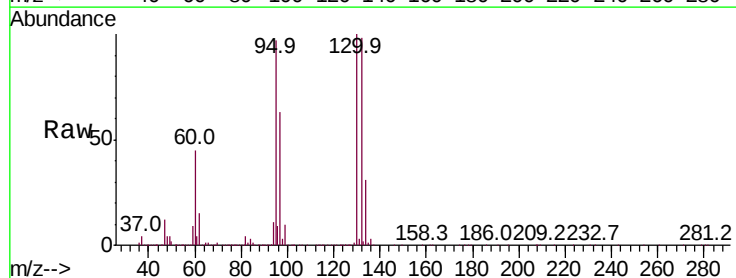
Acq: 04 Aug 2020 15:48

Tgt Ion:130 Resp: 1763170

Ion Ratio Lower Upper

130 100

95 97.2 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

1000000

800000

600000

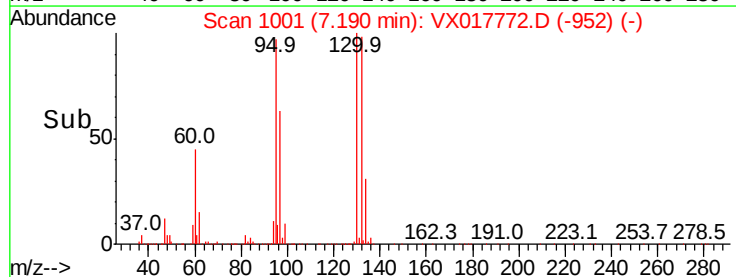
400000

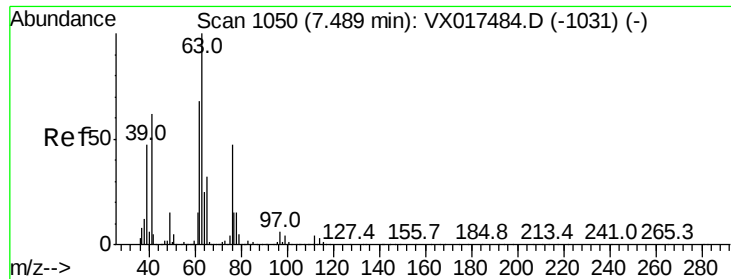
200000

0

7.10 7.20 7.30

Time-->





#45

1,2-Dichloropropane

Concen: 0.674 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

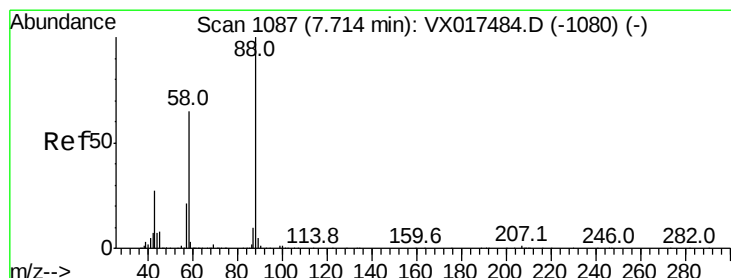
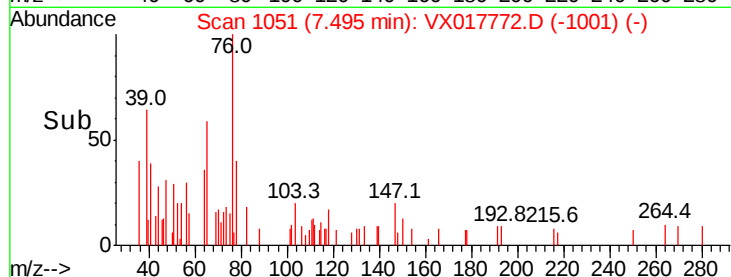
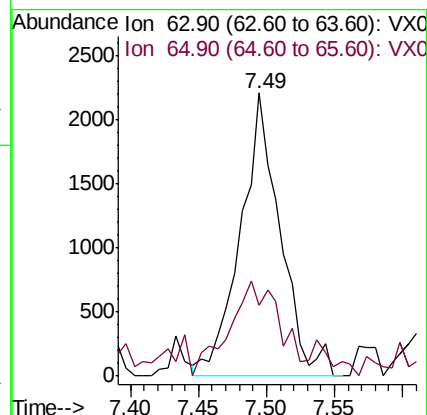
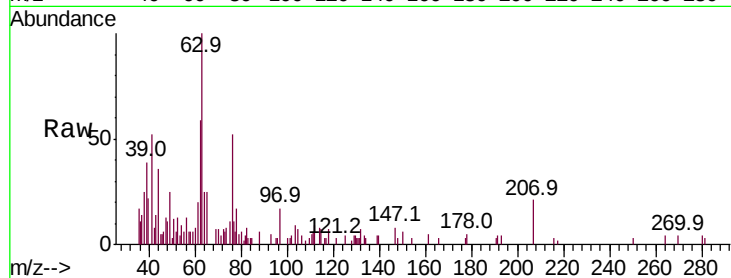
ClientSampled :

Tot Ion: 63 Resp: 4511

Ion Ratio Lower Upper

63 100

65 25.0 24.5 36.7



#49

1,4-Dioxane

Concen: 3.749 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

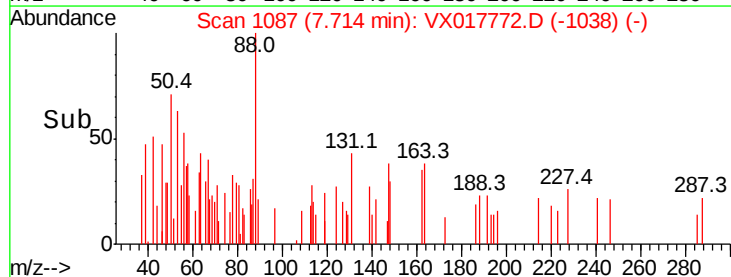
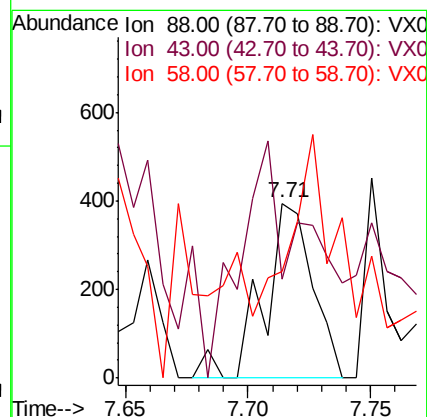
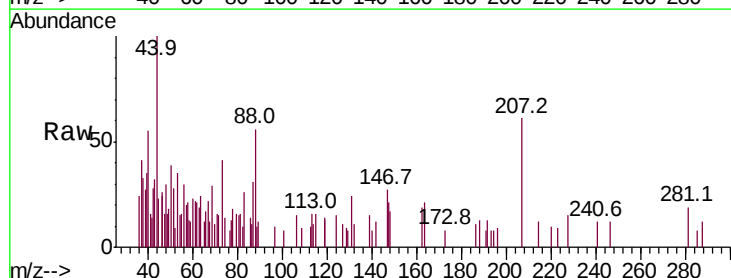
Tgt Ion: 88 Resp: 542

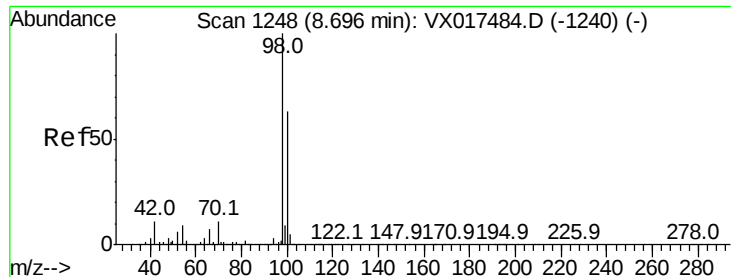
Ion Ratio Lower Upper

88 100

43 189.9 27.8 41.6#

58 150.6 58.3 87.5#





#50

Toluene-d8

Concen: 49.748 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

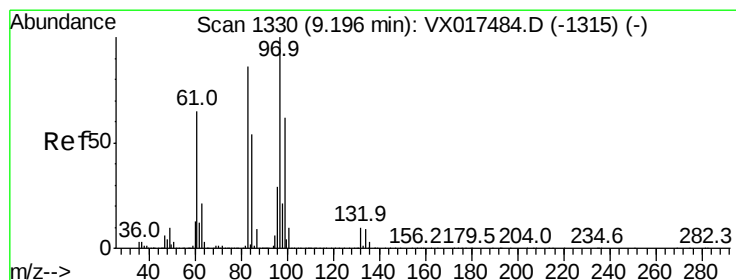
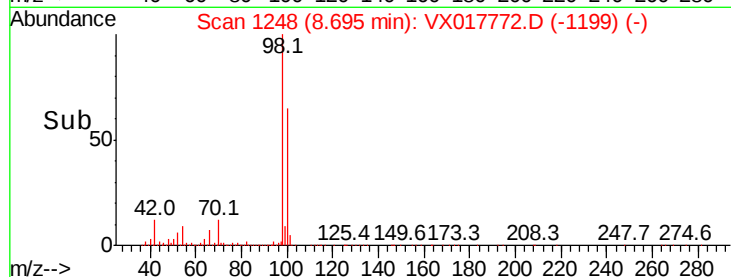
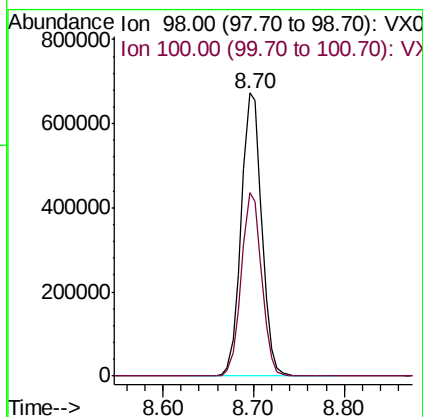
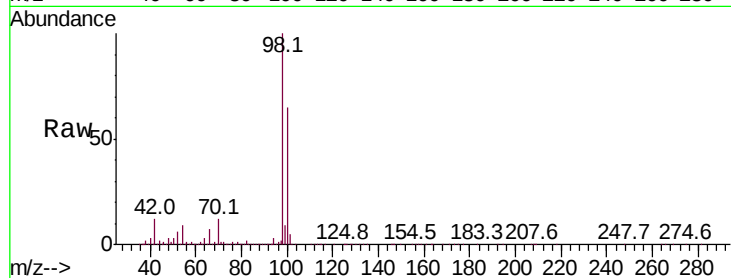
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 1054628

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#55

1,1,2-Trichloroethane

Concen: 0.273 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Tgt Ion: 97 Resp: 1764

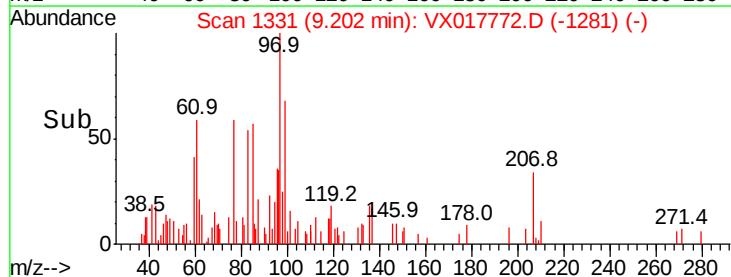
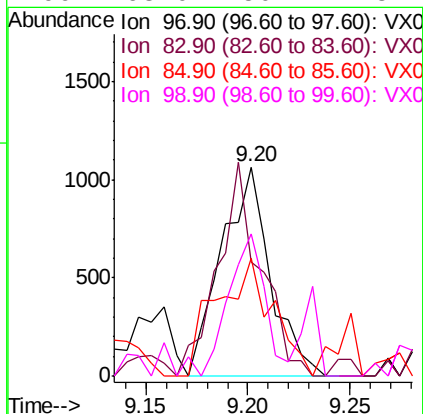
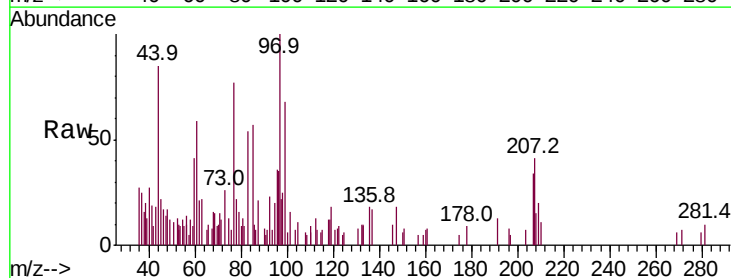
Ion Ratio Lower Upper

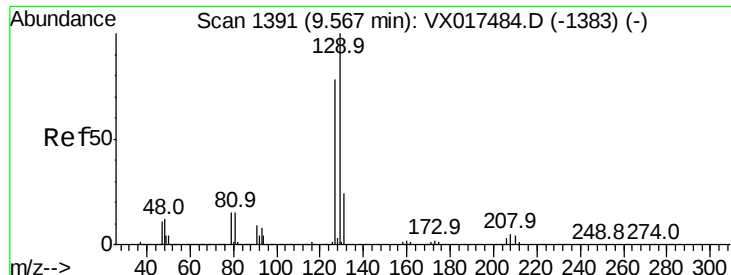
97 100

83 46.7 67.6 101.4#

85 56.5 44.6 67.0

99 68.0 50.2 75.4





#60

Dibromochloromethane

Concen: 21.114 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

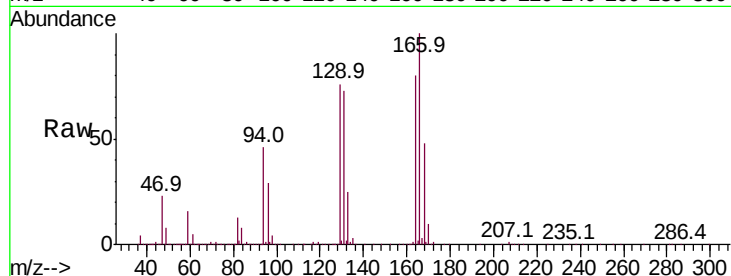
ClientSampled :

Tot Ion:129 Resp: 173215

Ion Ratio Lower Upper

129 100

127 0.1 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.32

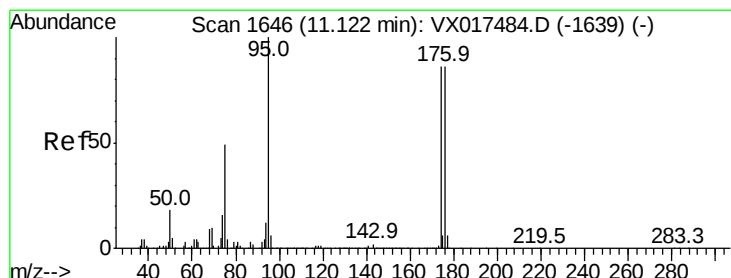
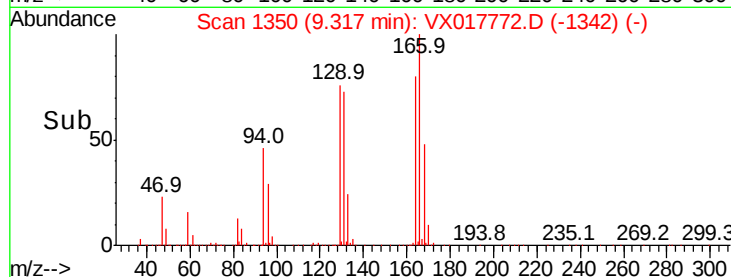
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#62

4-Bromofluorobenzene

Concen: 47.090 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

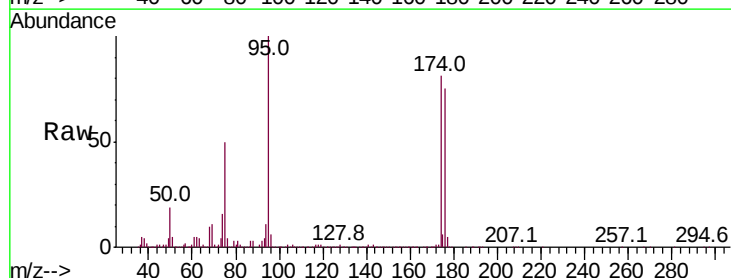
Tgt Ion: 95 Resp: 399518

Ion Ratio Lower Upper

95 100

174 84.2 0.0 169.0

176 79.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

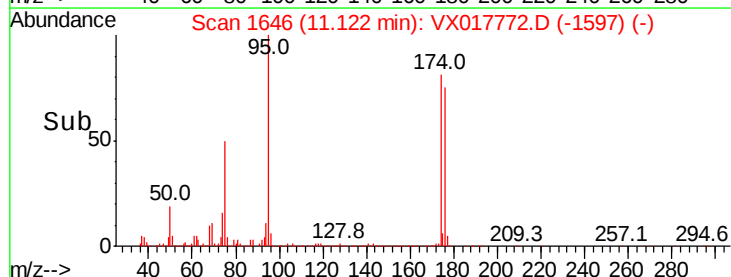
200000

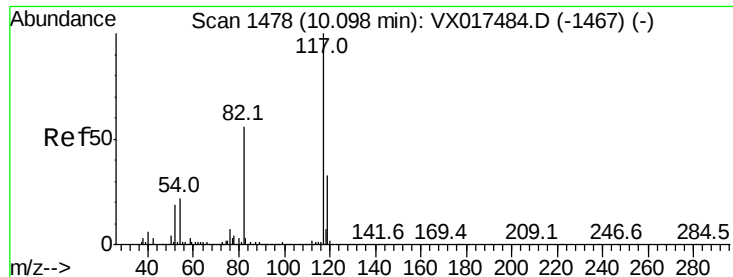
100000

0

Time-->

11.10 11.12 11.20

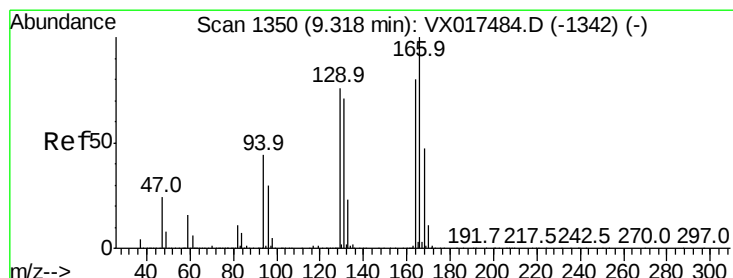
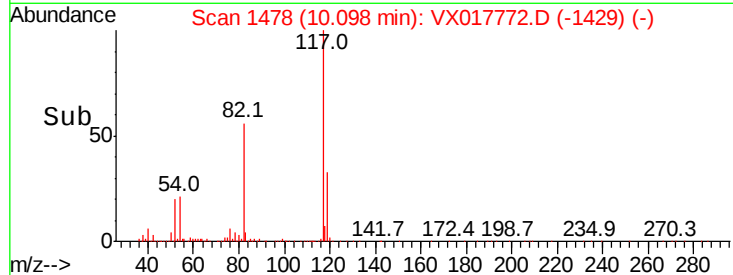
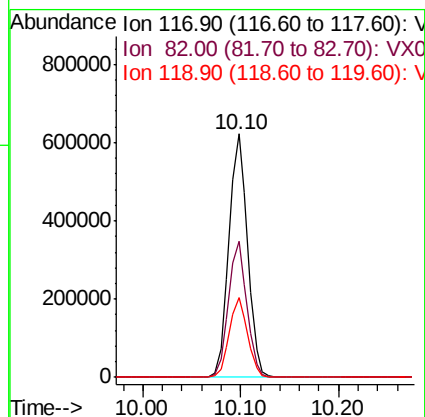
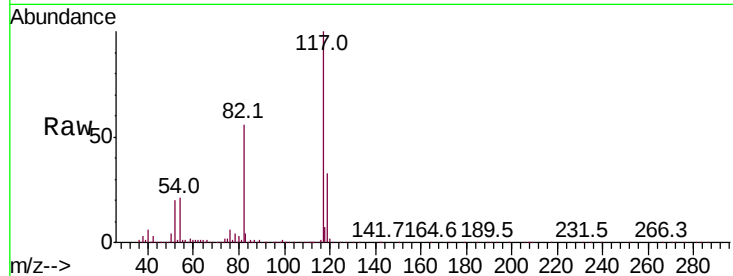




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017772.D
Acq: 04 Aug 2020 15:48

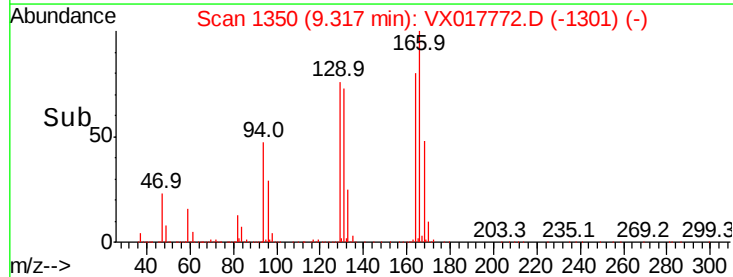
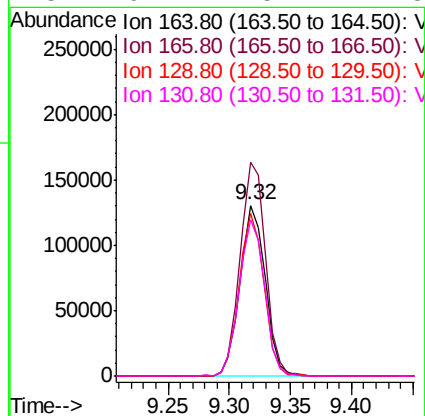
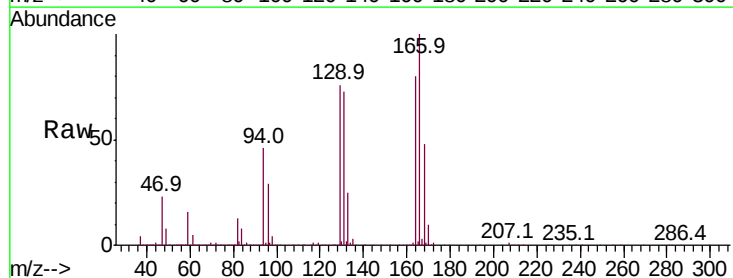
Instrument :
MSVOA_X
ClientSampleId :

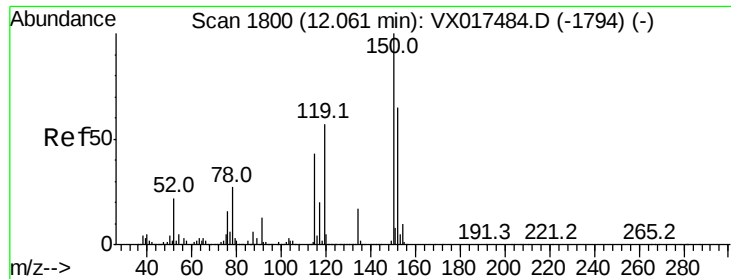
Tot Ion:117 Resp: 824992
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 24.978 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017772.D
Acq: 04 Aug 2020 15:48

Tgt Ion:164 Resp: 184952
Ion Ratio Lower Upper
164 100
166 125.5 100.6 150.8
129 95.2 75.0 112.6
131 91.7 75.2 112.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

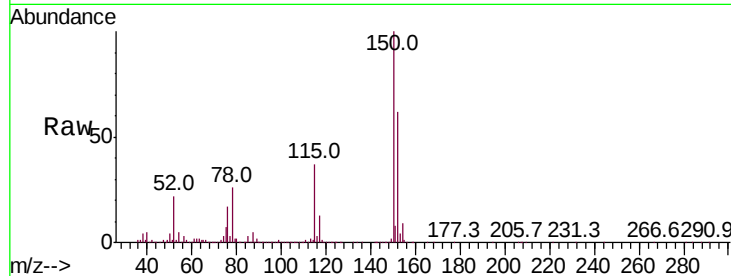
Tot Ion:152 Resp: 411340

Ion Ratio Lower Upper

152 100

115 57.6 65.5 196.6#

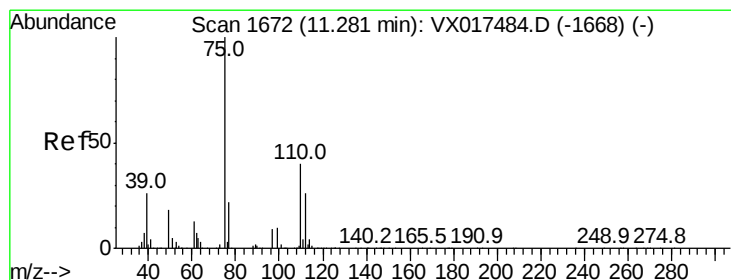
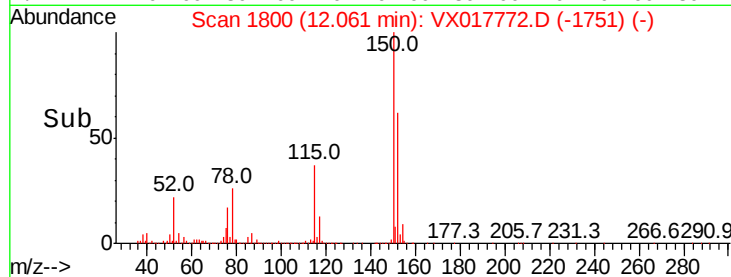
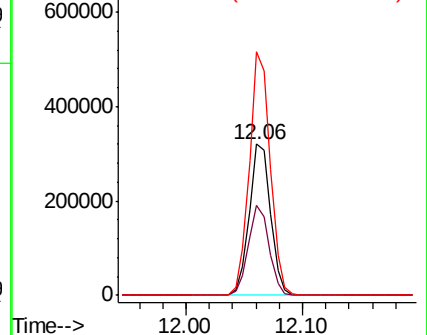
150 157.3 0.0 412.6



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: 24.001 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017772.D

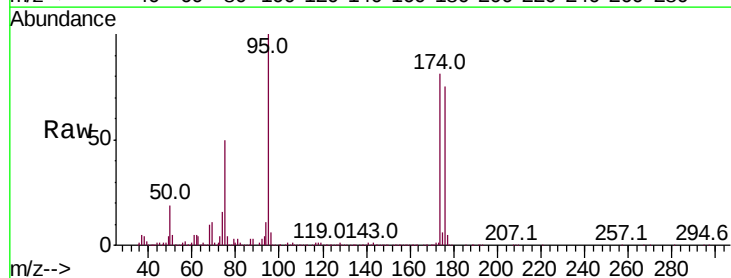
Acq: 04 Aug 2020 15:48

Tgt Ion: 75 Resp: 203087

Ion Ratio Lower Upper

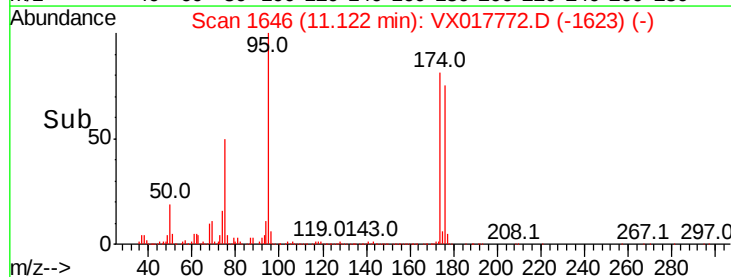
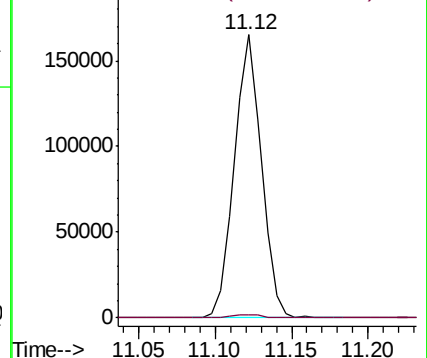
75 100

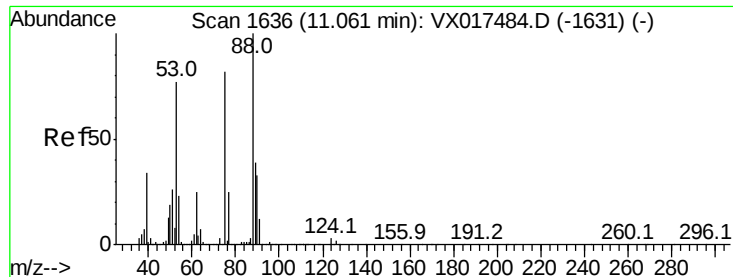
77 1.3 21.8 65.3#



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: 60.478 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

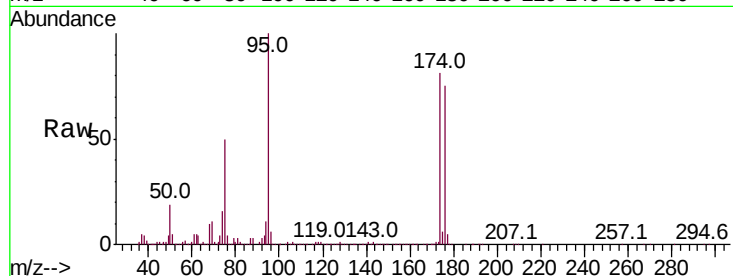
Tot Ion: 75 Resp: 203087

Ion Ratio Lower Upper

75 100

53 0.6 75.9 113.9#

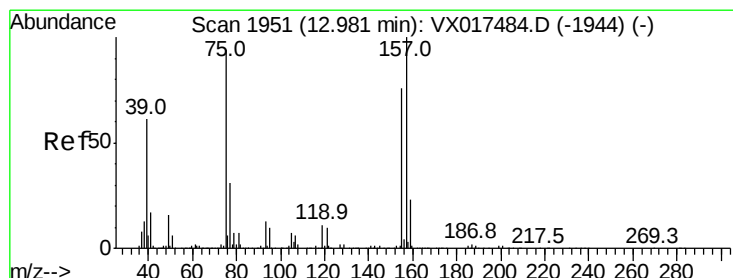
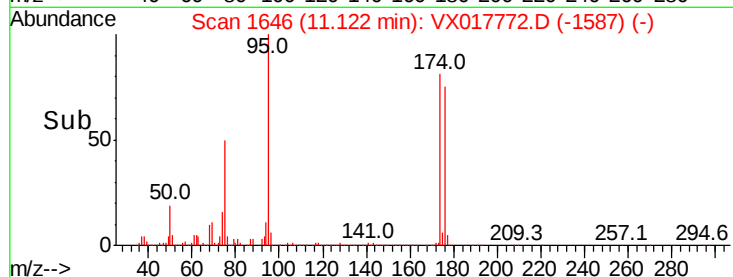
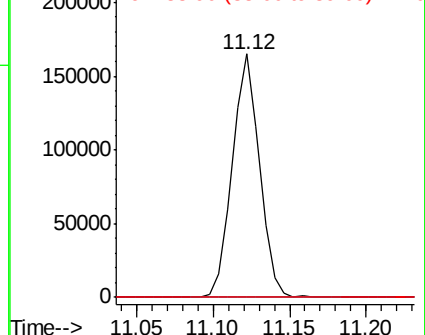
89 0.0 37.8 56.6#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.690 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX017772.D

Acq: 04 Aug 2020 15:48

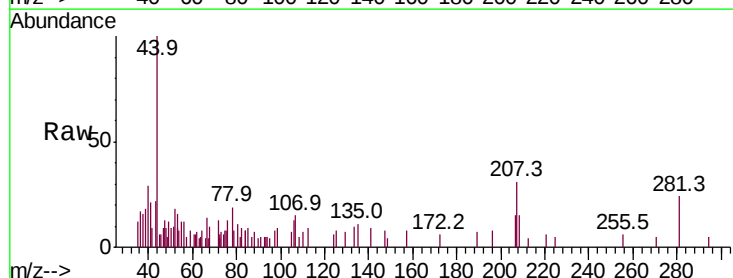
Tgt Ion: 75 Resp: 299

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 53.2 54.3 162.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

