

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017707.D
 Acq On : 31 Jul 2020 17:24
 Operator : JC/SP
 Sample : L3526-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-238-240

Quant Time: Aug 01 02:47:35 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	473337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	778205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	777968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	429358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	329965	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
35) Dibromofluoromethane	5.46	113	275804	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	8.70	98	890928	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	411835	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

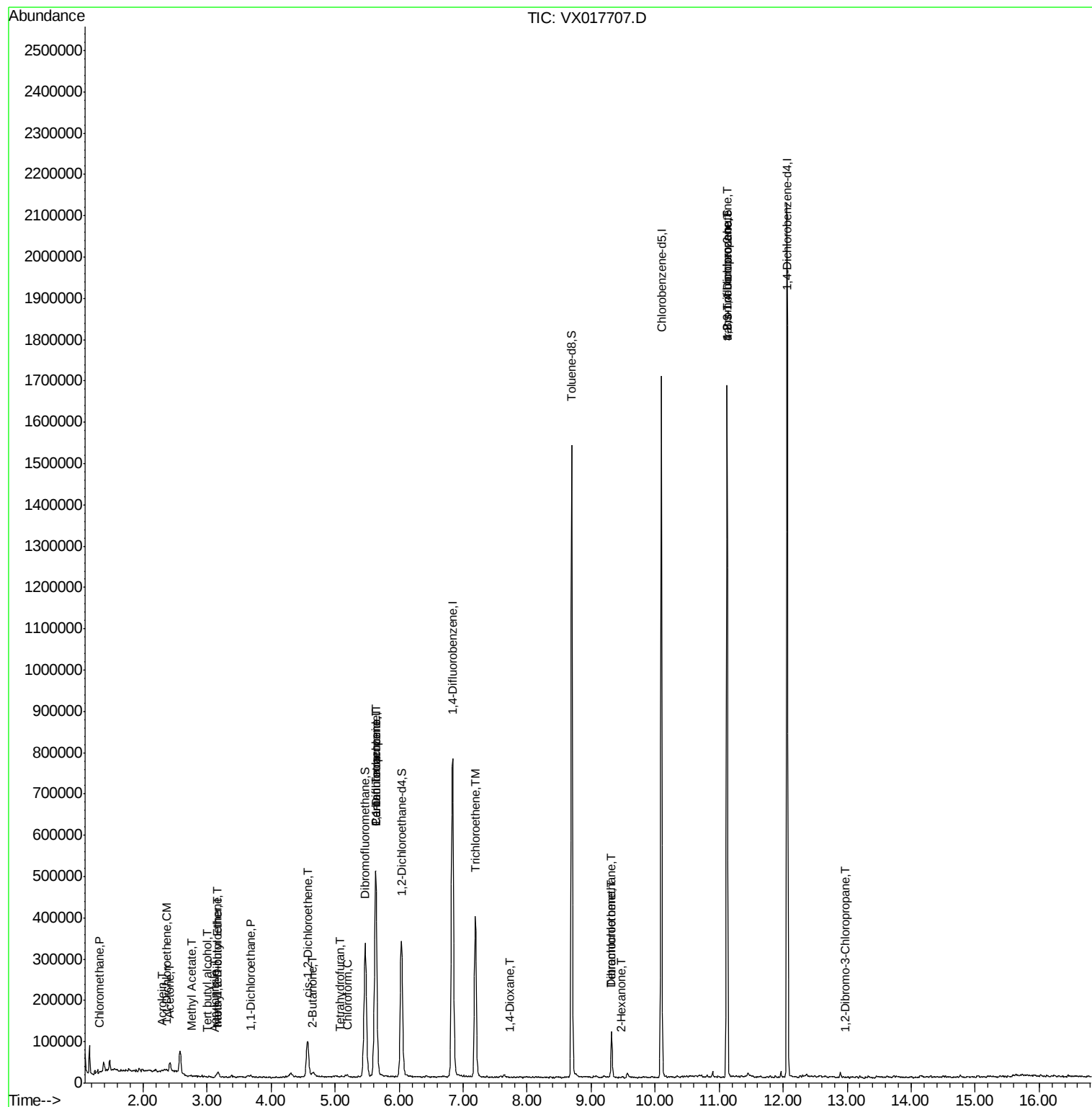
					Qvalue	
2) Dichlorodifluoromethane	1.17	85	99	Below Cal	#	1
3) Chloromethane	1.31	50	1525	0.626	ug/l #	79
5) Bromomethane	1.64	94	460	Below Cal		87
6) Chloroethane	1.70	64	307	Below Cal	#	67
8) Diethyl Ether	2.23	74	423	Below Cal		94
11) Tert butyl alcohol	3.01	59	2023	1.579	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	1366	0.279	ug/l #	51
13) Acrolein	2.29	56	732	4.884	ug/l #	59
15) Acrylonitrile	3.11	53	699	0.253	ug/l #	66
16) Acetone	2.42	43	22306	8.335	ug/l	99
18) Methyl Acetate	2.75	43	1331	0.211	ug/l #	53
19) Methyl tert-butyl Ether	3.17	73	16392	0.969	ug/l	99
20) Methylene Chloride	2.84	84	845	Below Cal	#	43
21) trans-1,2-Dichloroethene	3.15	96	1210	0.231	ug/l #	32
24) 1,1-Dichloroethane	3.67	63	3846	0.409	ug/l #	47
25) 2-Butanone	4.65	43	2899	0.763	ug/l #	81
27) cis-1,2-Dichloroethene	4.57	96	57312	10.074	ug/l	86
29) Tetrahydrofuran	5.08	42	494	0.210	ug/l #	49
30) Chloroform	5.18	83	3058	0.318	ug/l	88
36) 1,1-Dichloropropene	5.63	75	33144	4.441	ug/l #	55
38) Carbon Tetrachloride	5.63	117	49238	5.432	ug/l #	17
44) Trichloroethene	7.19	130	151377	24.207	ug/l	96
49) 1,4-Dioxane	7.73	88	159	1.242	ug/l #	1
59) 2-Hexanone	9.48	43	1516	0.250	ug/l	94
60) Dibromochloromethane	9.32	129	19802	2.725	ug/l #	12
64) Tetrachloroethene	9.32	164	22184	3.177	ug/l	96
76) 1,2,3-Trichloropropane	11.12	75	215711	24.424	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	215711	61.542	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.98	75	263	2.673	ug/l #	1

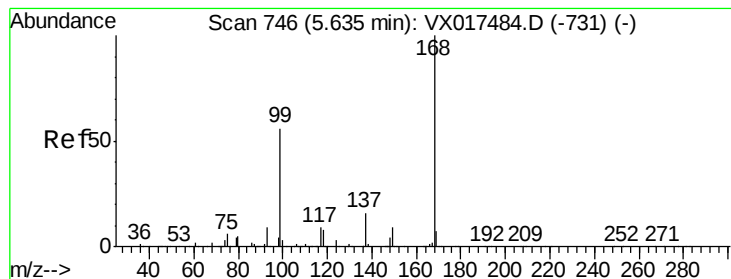
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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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: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

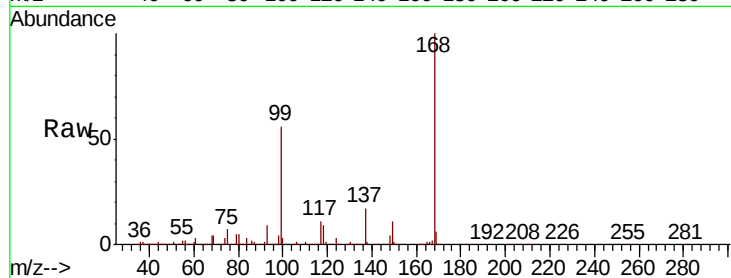
BP-VPB179-GW-238-240

Tot Ion:168 Resp: 473337

Ion Ratio Lower Upper

168 100

99 56.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

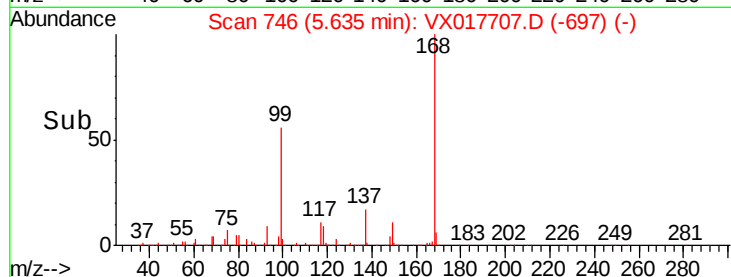
100000

50000

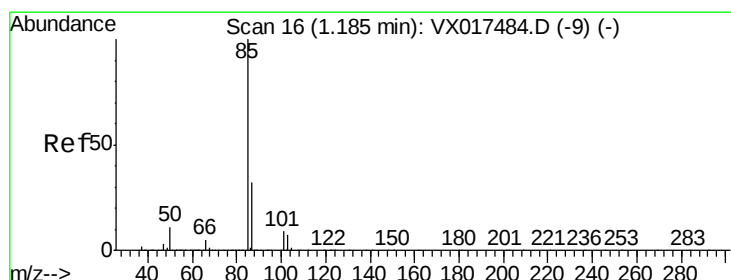
0

5.50 5.60 5.70

5.64



Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.17 min Scan# 14

Delta R.T. -0.01 min

Lab File: VX017707.D

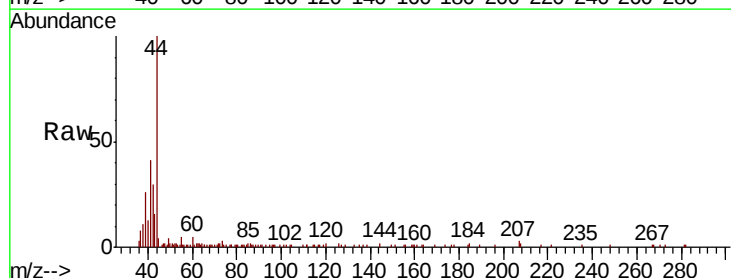
Acq: 31 Jul 2020 17:24

Tgt Ion: 85 Resp: 99

Ion Ratio Lower Upper

85 100

87 165.9 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400

300

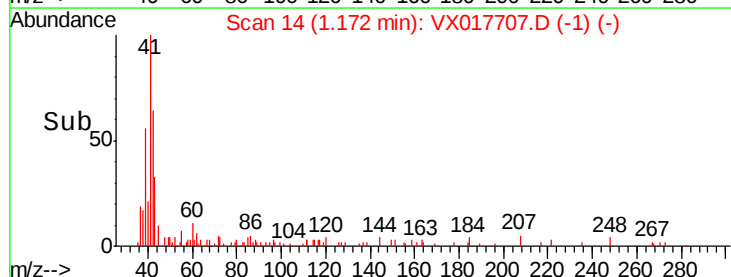
200

100

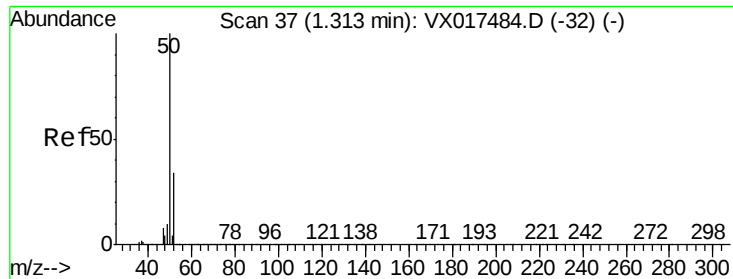
0

1.16 1.17 1.18 1.19

1.17



Time-->



#3

Chloromethane

Concen: 0.626 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

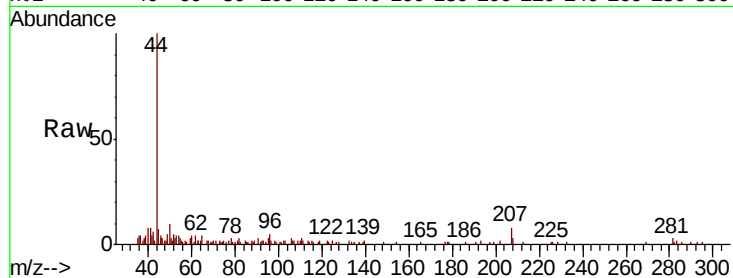
BP-VPB179-GW-238-240

Tot Ion: 50 Resp: 1525

Ion Ratio Lower Upper

50 100

52 20.7 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

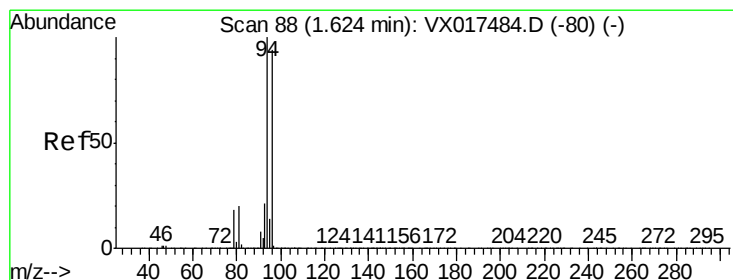
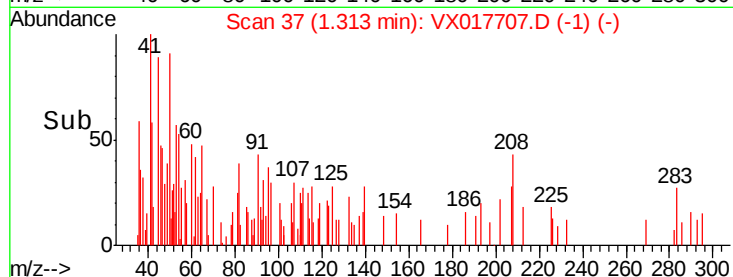
600

400

200

0

Time--> 1.25 1.30 1.35



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017707.D

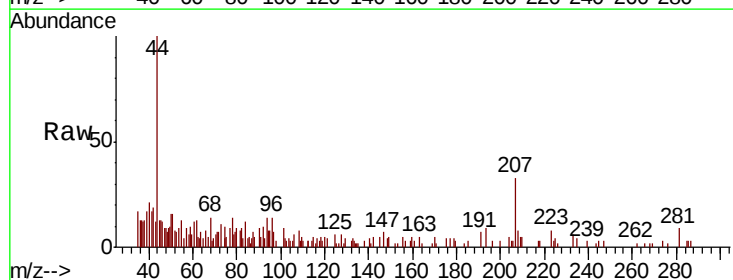
Acq: 31 Jul 2020 17:24

Tgt Ion: 94 Resp: 460

Ion Ratio Lower Upper

94 100

96 80.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

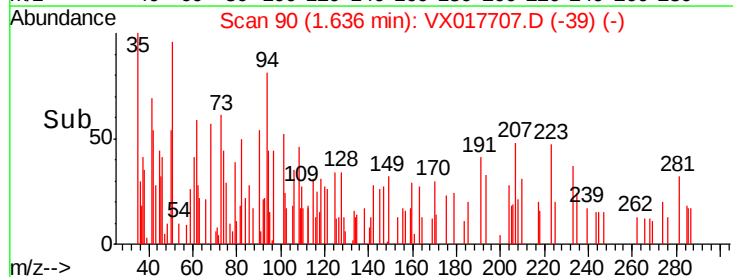
600

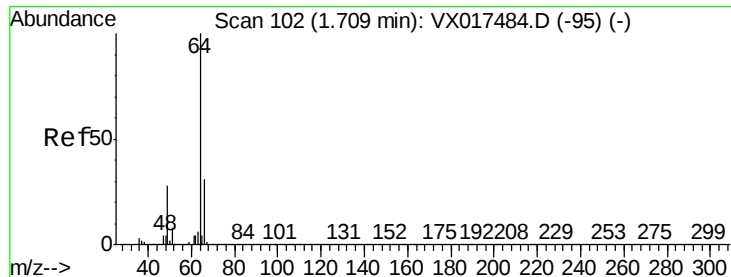
400

200

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

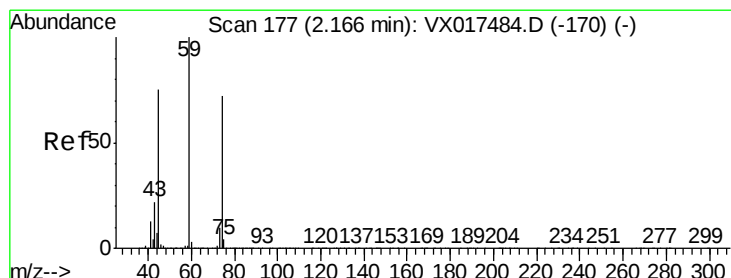
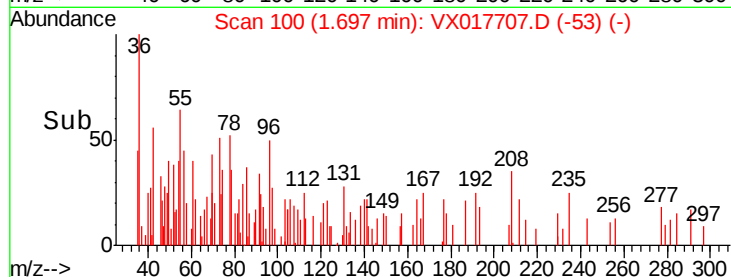
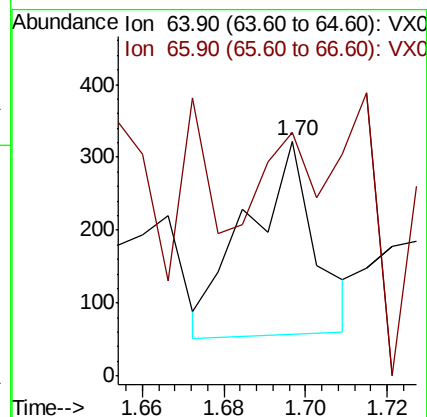
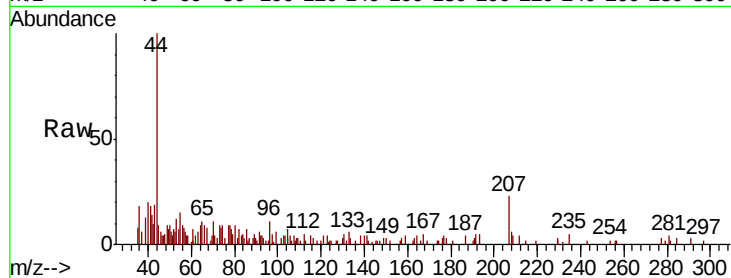
BP-VPB179-GW-238-240

Tot Ion: 64 Resp: 307

Ion Ratio Lower Upper

64 100

66 12.8 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.23 min Scan# 187

Delta R.T. 0.06 min

Lab File: VX017707.D

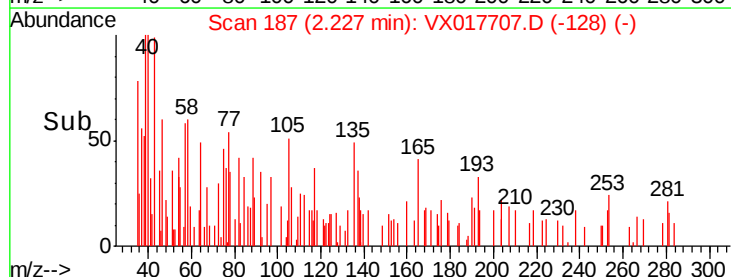
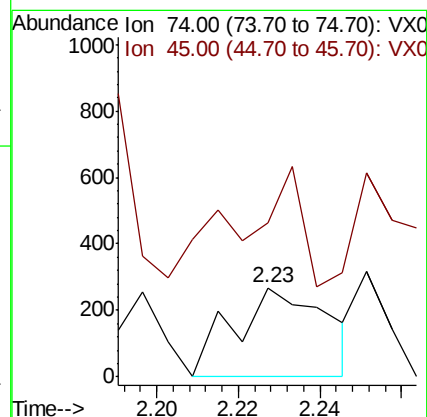
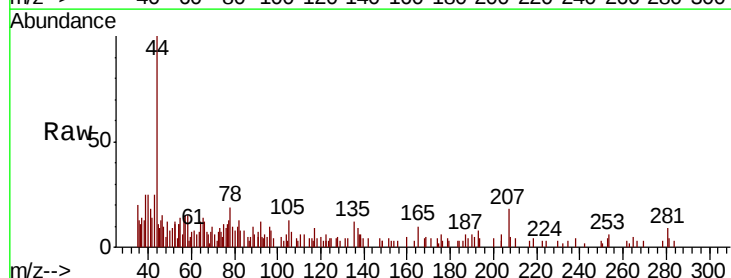
Acq: 31 Jul 2020 17:24

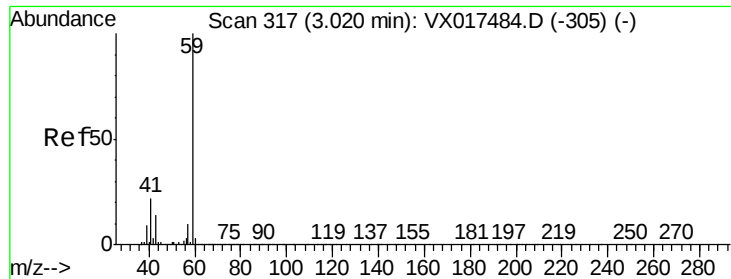
Tgt Ion: 74 Resp: 423

Ion Ratio Lower Upper

74 100

45 95.7 50.8 152.5

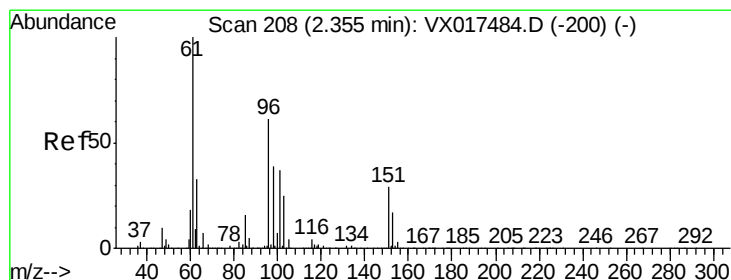
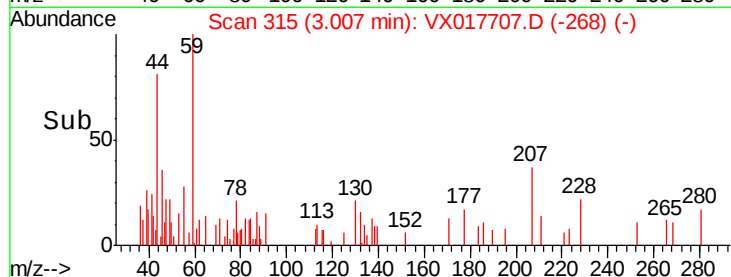
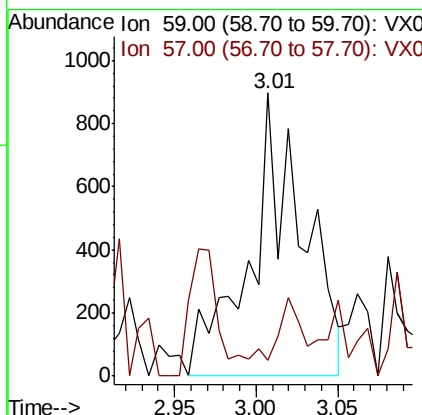
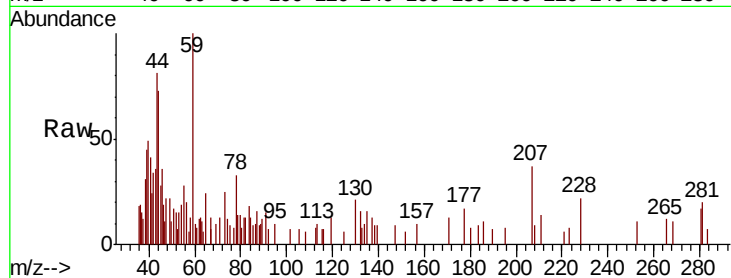




#11
Tert butyl alcohol
Concen: 1.579 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

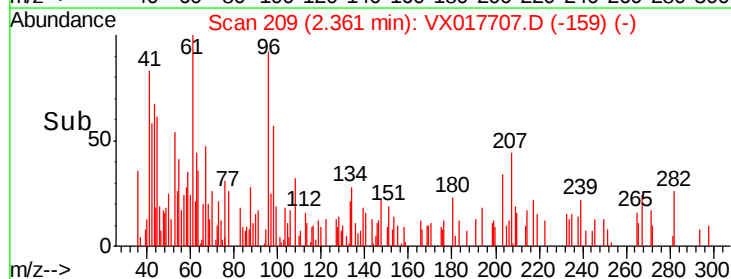
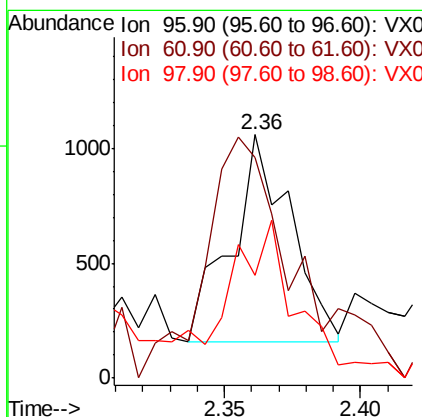
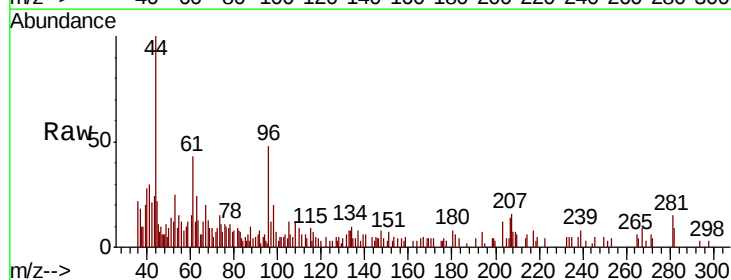
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-238-240

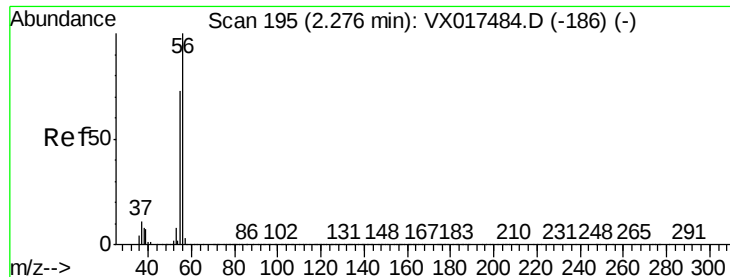
Tot Ion: 59 Resp: 2023
Ion Ratio Lower Upper
59 100
57 8.3 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.279 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Tgt Ion: 96 Resp: 1366
Ion Ratio Lower Upper
96 100
61 88.6 134.0 201.0#
98 43.3 51.0 76.4#





#13

Acrolein

Concen: 4.884 ug/l

RT: 2.29 min Scan# 197

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

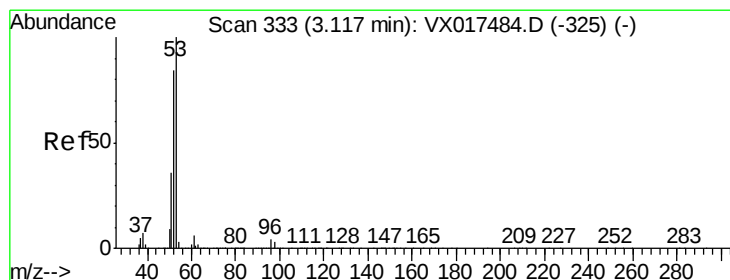
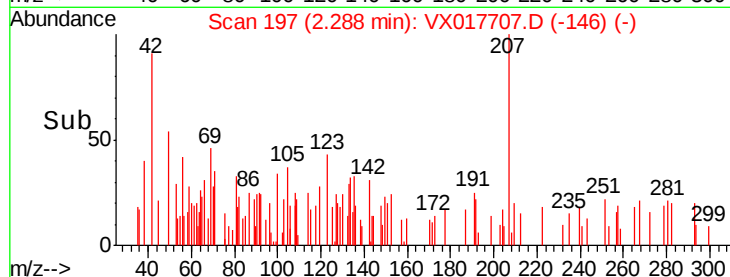
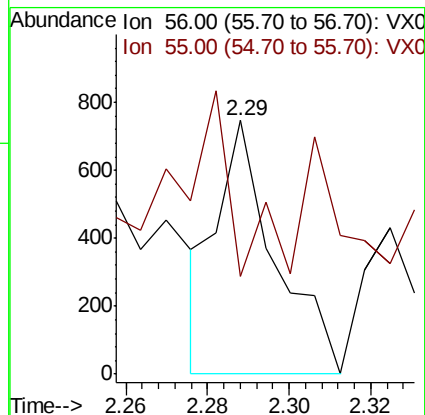
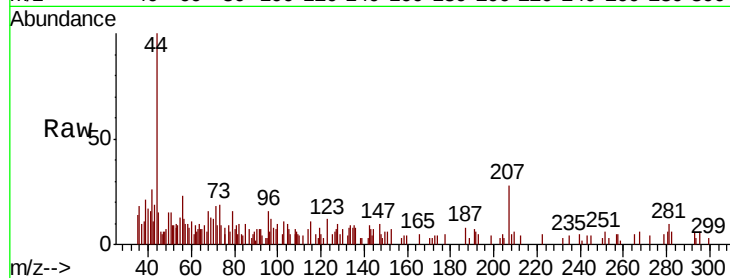
BP-VPB179-GW-238-240

Tot Ion: 56 Resp: 732

Ion Ratio Lower Upper

56 100

55 105.9 57.4 86.2#



#15

Acrylonitrile

Concen: 0.253 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

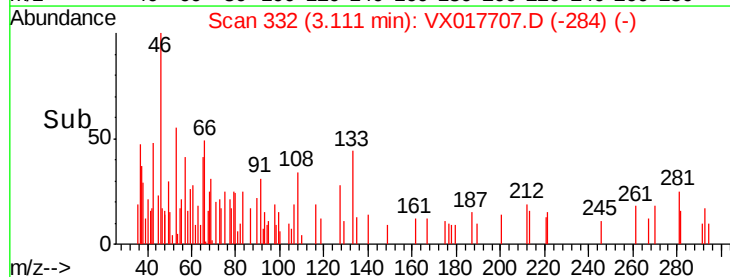
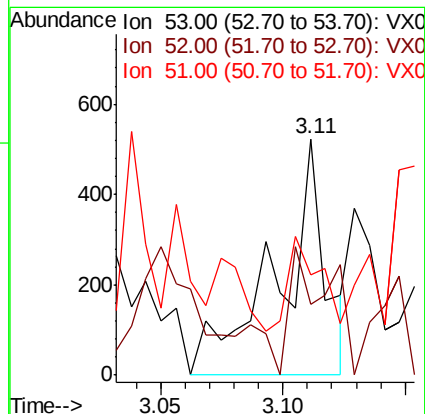
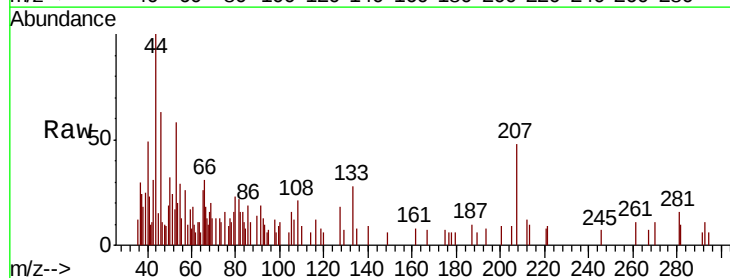
Tgt Ion: 53 Resp: 699

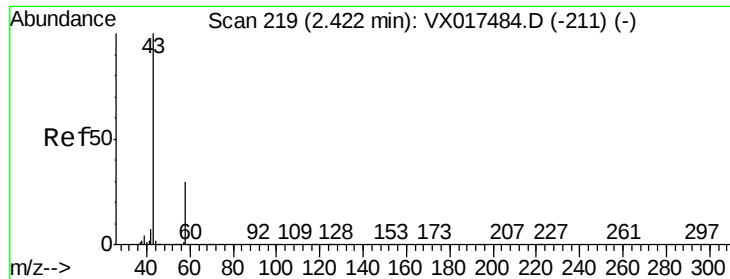
Ion Ratio Lower Upper

53 100

52 45.2 66.6 99.8#

51 26.6 29.4 44.2#

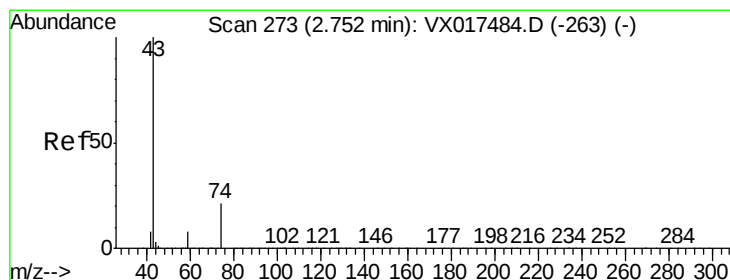
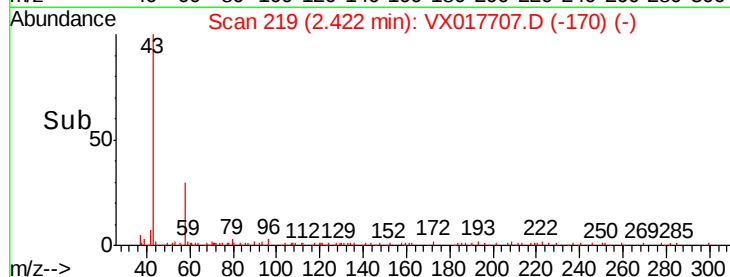
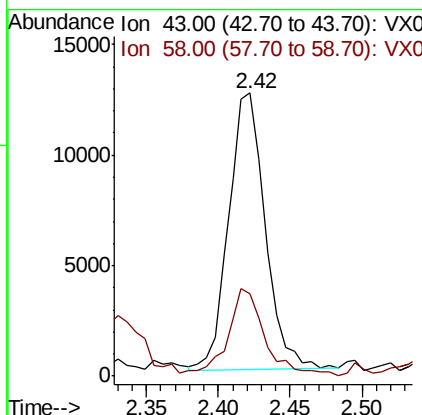
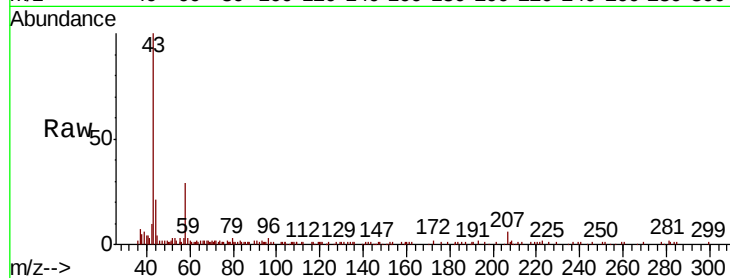




#16
Acetone
Concen: 8.335 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

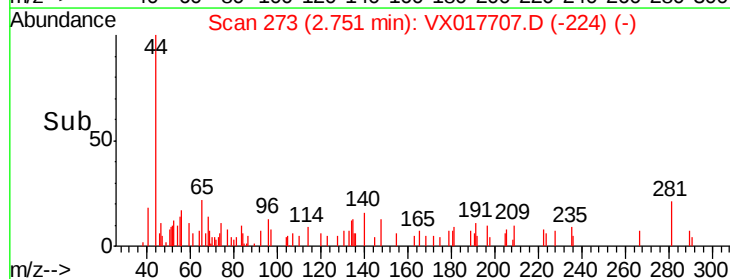
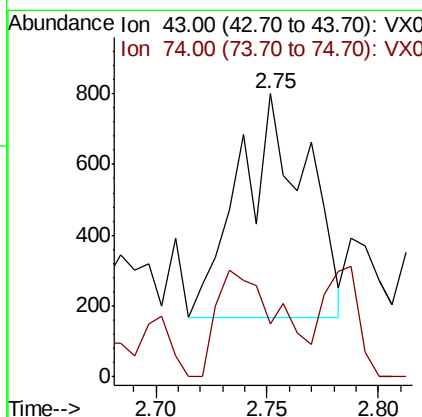
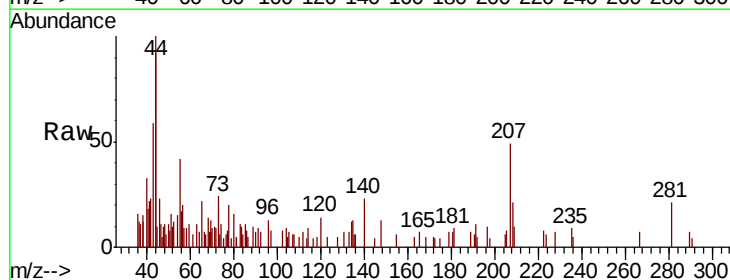
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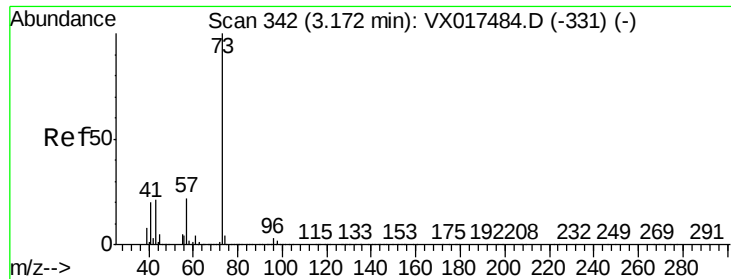
Tot Ion: 43 Resp: 22306
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.4



#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
74 44.1 17.5 26.3#

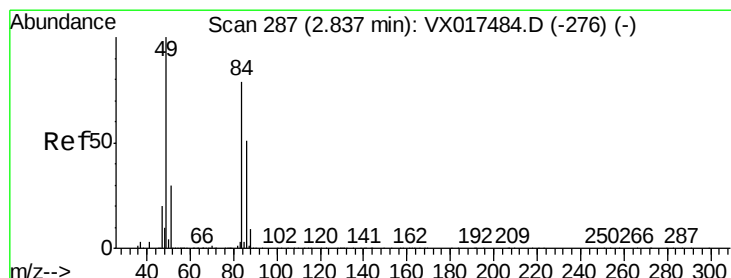
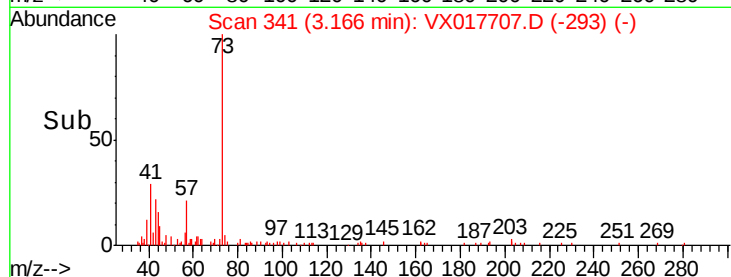
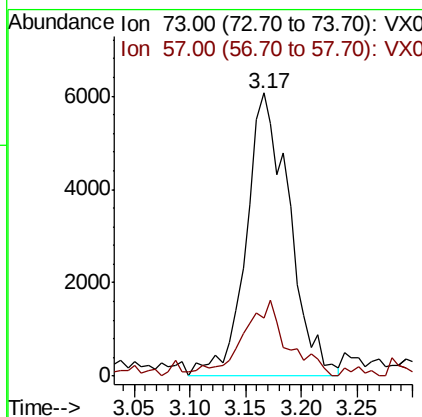
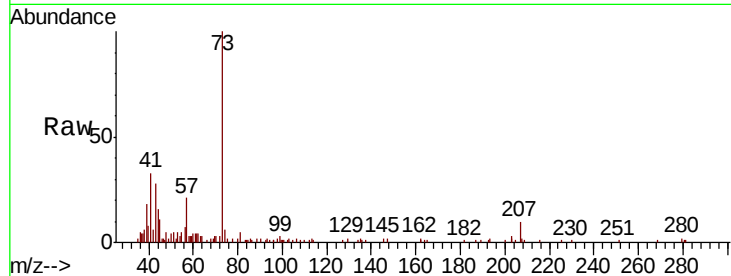




#19
Methvl tert-butvl Ether
Concen: 0.969 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

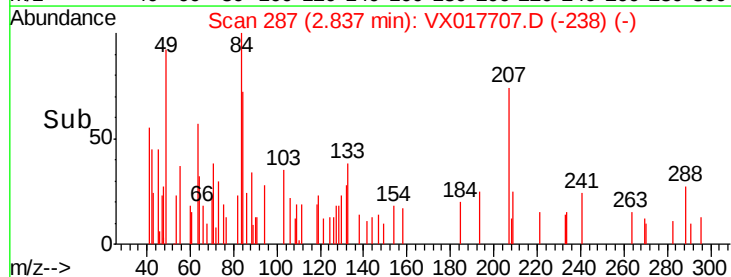
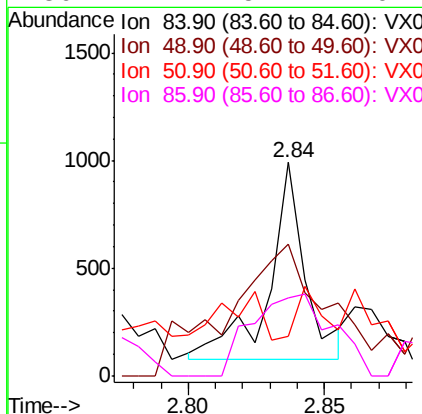
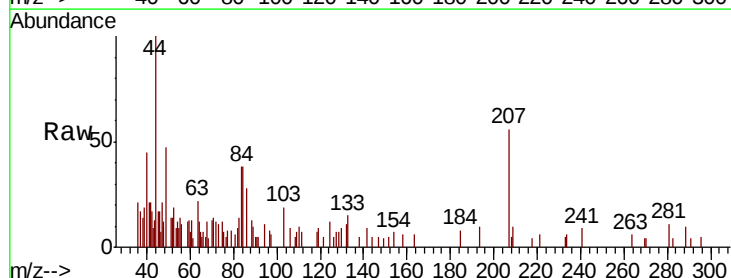
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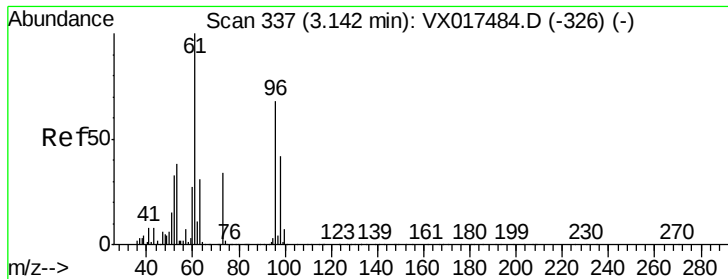
Tot Ion: 73 Resp: 16392
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Tgt Ion: 84 Resp: 845
Ion Ratio Lower Upper
84 100
49 46.5 100.3 150.5#
51 0.0 30.5 45.7#
86 41.1 51.1 76.7#





#21

trans-1,2-Dichloroethene

Concen: 0.231 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

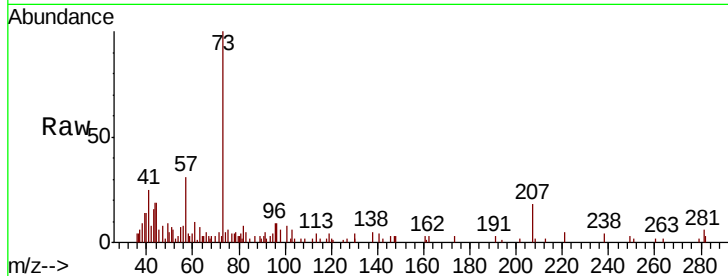
Tot Ion: 96 Resp: 1210

Ion Ratio Lower Upper

96 100

61 41.3 113.0 169.4#

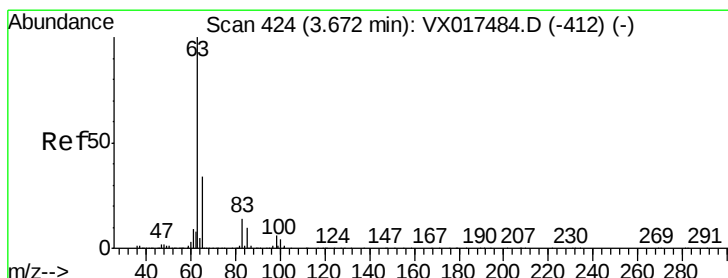
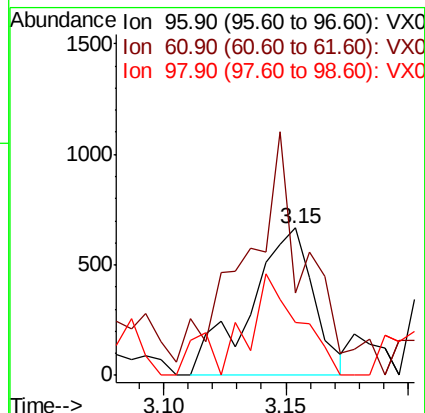
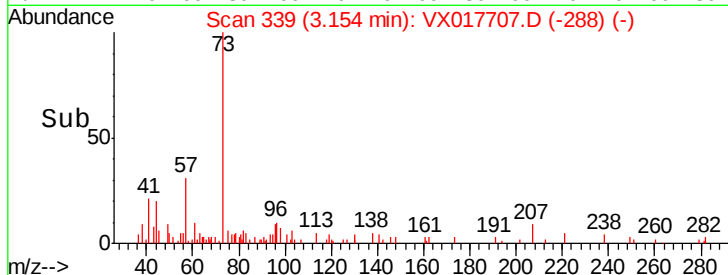
98 35.7 51.8 77.8#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 0.409 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

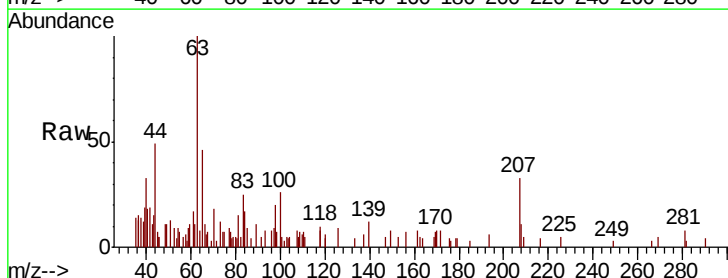
Tgt Ion: 63 Resp: 3846

Ion Ratio Lower Upper

63 100

98 20.8 3.4 10.1#

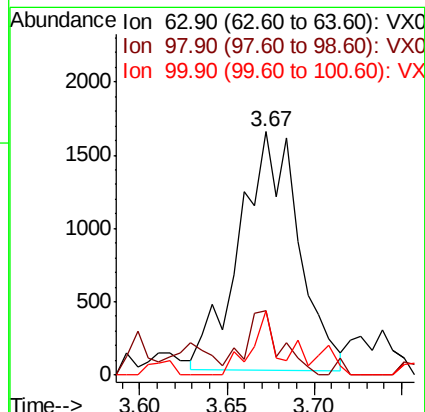
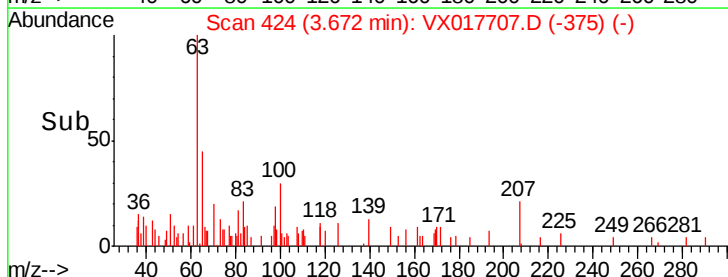
100 27.9 1.9 5.7#

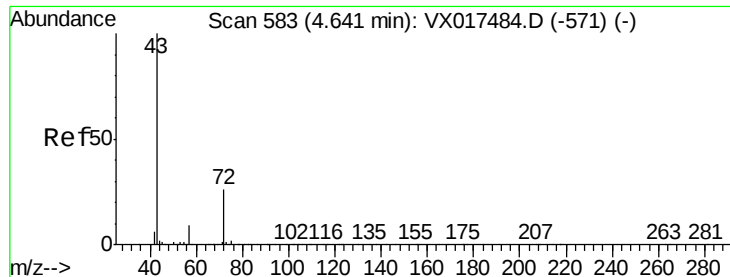


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.763 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

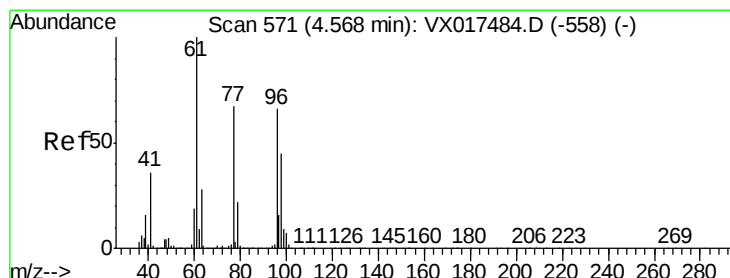
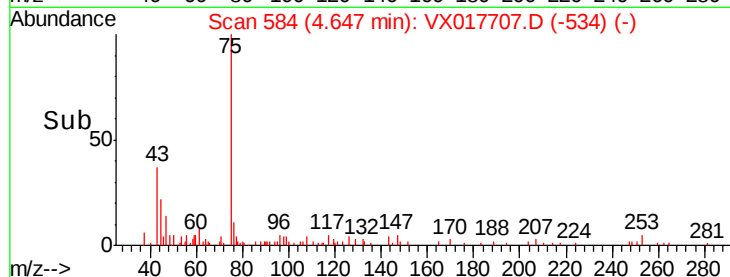
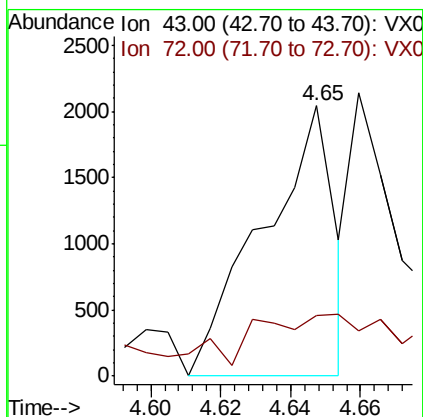
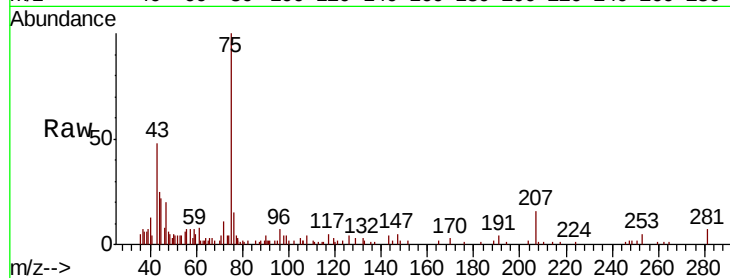
BP-VPB179-GW-238-240

Tot Ion: 43 Resp: 2899

Ion Ratio Lower Upper

43 100

72 14.2 19.0 28.4#



#27

cis-1,2-Dichloroethene

Concen: 10.074 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

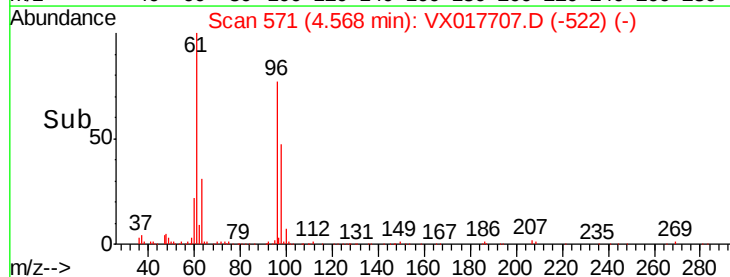
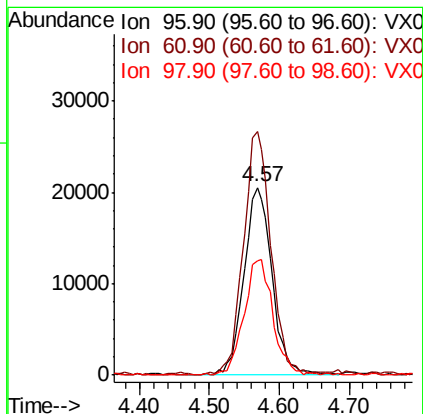
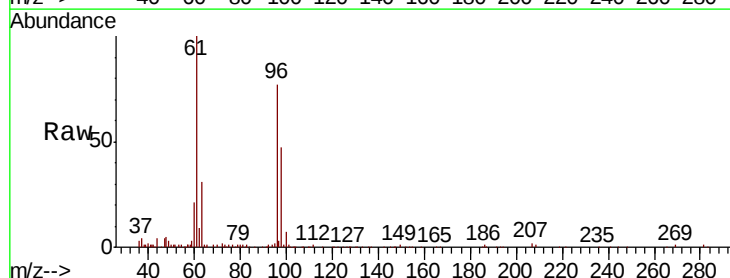
Tgt Ion: 96 Resp: 57312

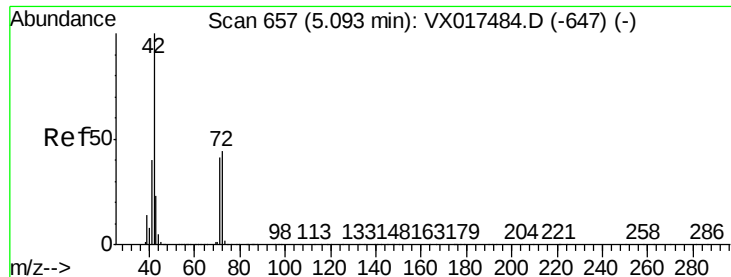
Ion Ratio Lower Upper

96 100

61 125.8 0.0 301.2

98 63.4 0.0 130.0





#29

Tetrahydrofuran

Concen: 0.210 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

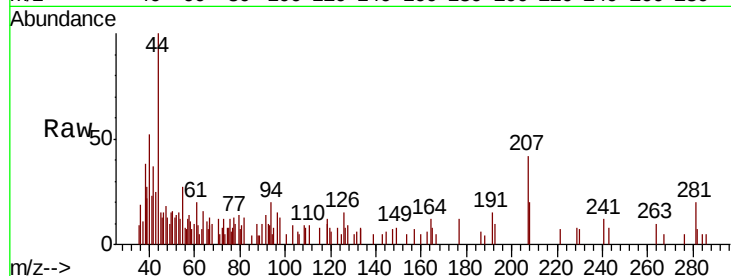
Tot Ion: 42 Resp: 494

Ion Ratio Lower Upper

42 100

72 19.6 35.5 53.3#

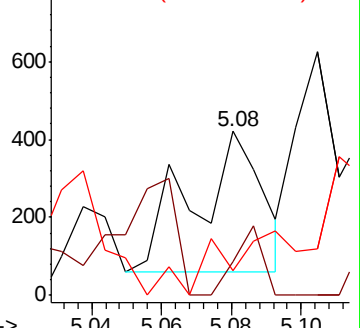
71 0.0 33.0 49.4#



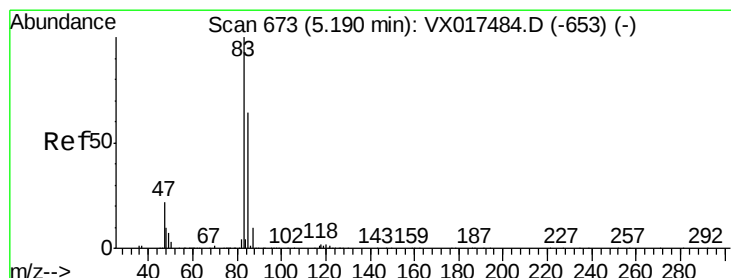
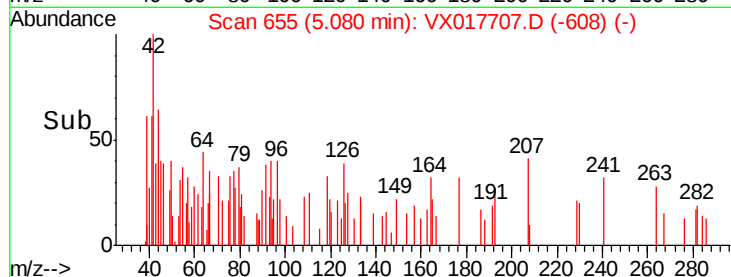
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->



#30

Chloroform

Concen: 0.318 ug/l

RT: 5.18 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX017707.D

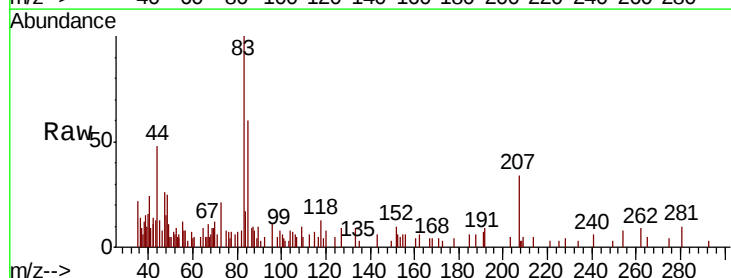
Acq: 31 Jul 2020 17:24

Tgt Ion: 83 Resp: 3058

Ion Ratio Lower Upper

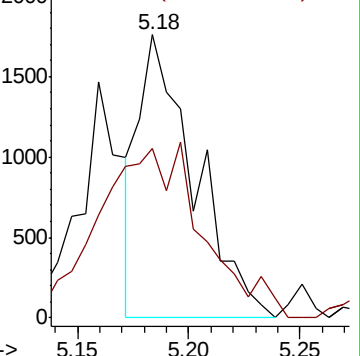
83 100

85 54.6 51.4 77.2

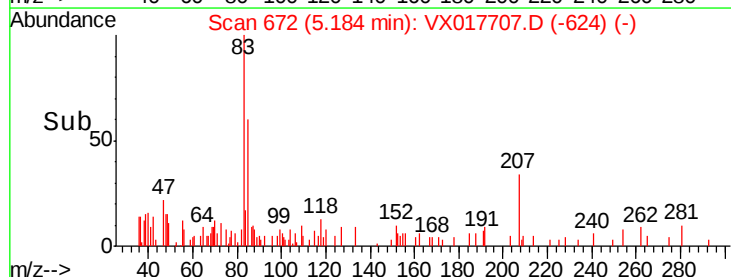


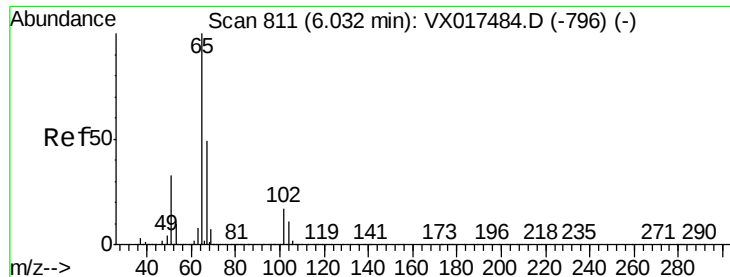
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.269 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

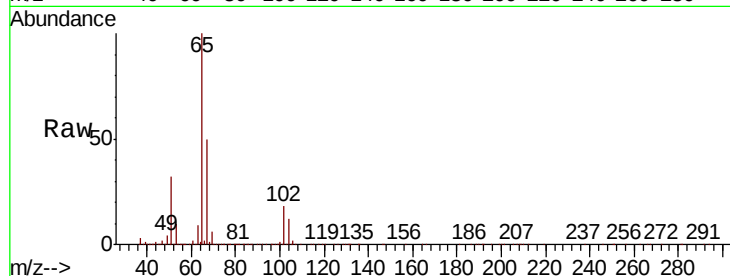
BP-VPB179-GW-238-240

Tot Ion: 65 Resp: 329965

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

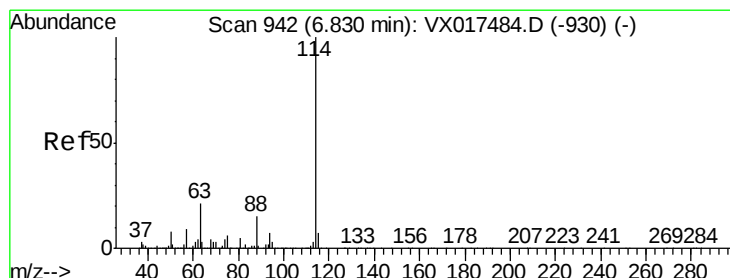
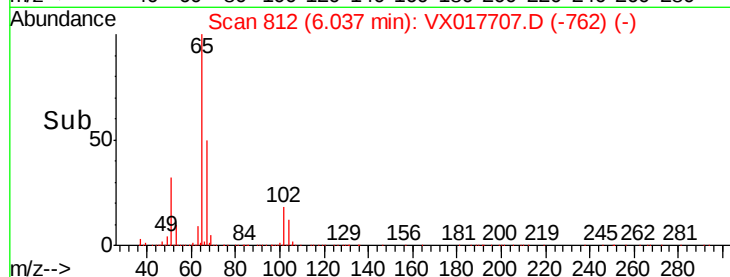
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

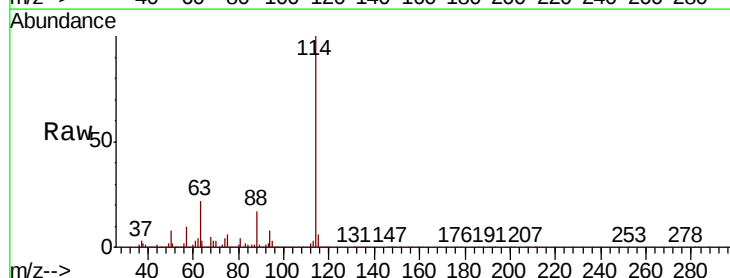
Tgt Ion: 114 Resp: 778205

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.6

88 16.6 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

400000

300000

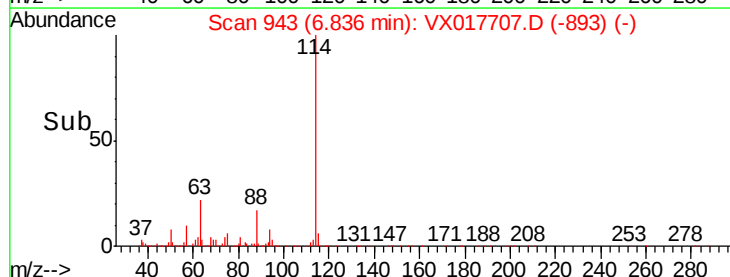
200000

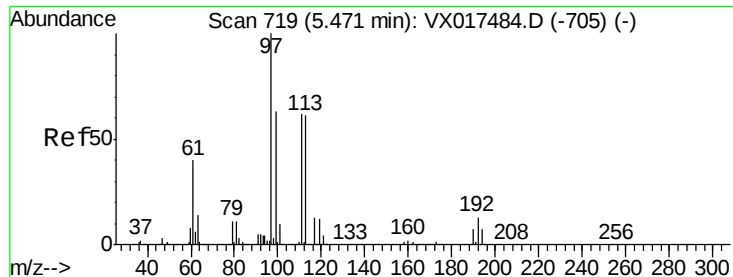
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

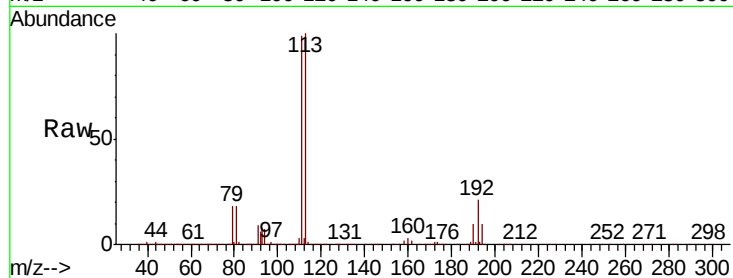
Tot Ion:113 Resp: 275804

Ion Ratio Lower Upper

113 100

111 102.5 80.7 121.1

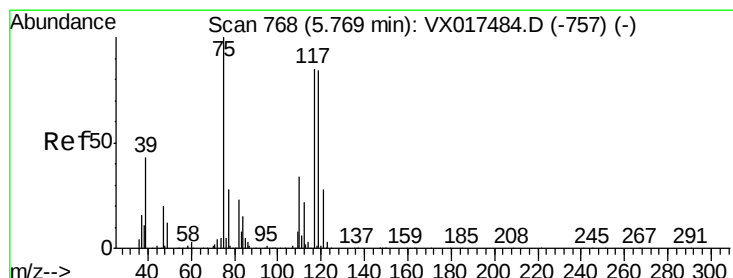
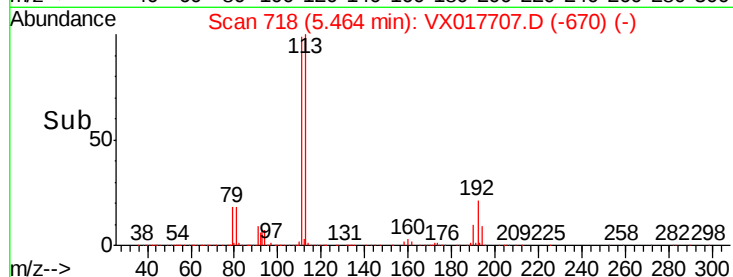
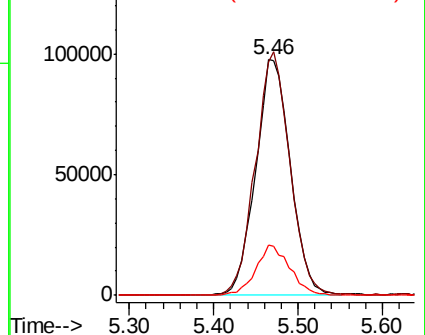
192 20.9 16.9 25.3



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: 4.441 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

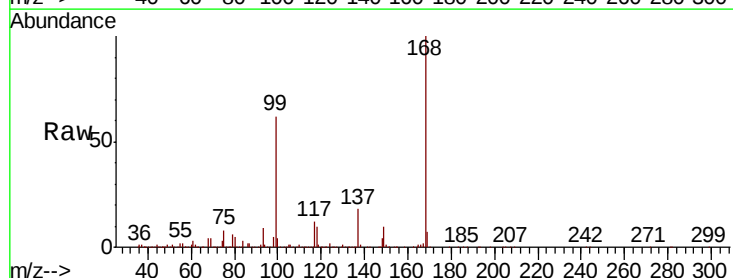
Tgt Ion: 75 Resp: 33144

Ion Ratio Lower Upper

75 100

110 14.7 18.1 54.3#

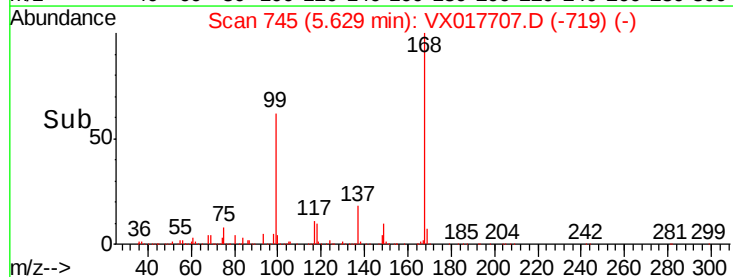
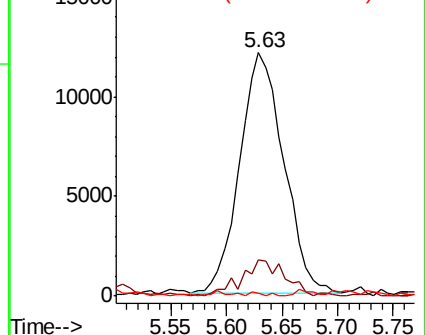
77 0.6 24.6 37.0#

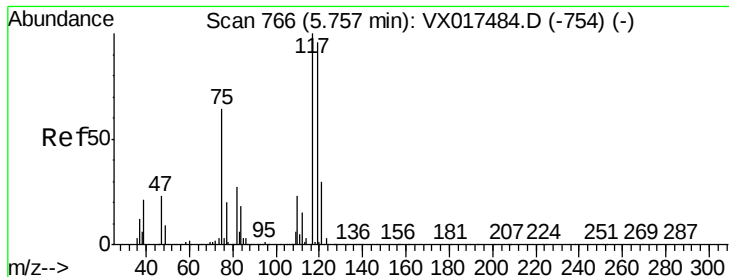


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.432 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

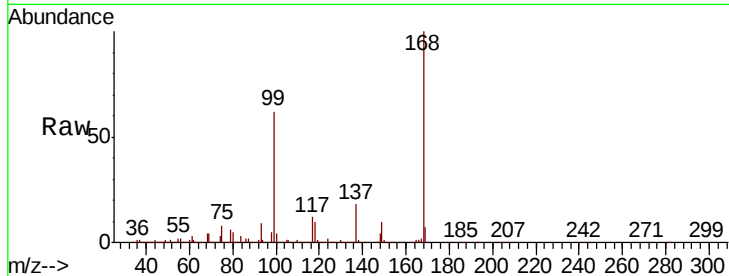
Tot Ion:117 Resp: 49238

Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.0#

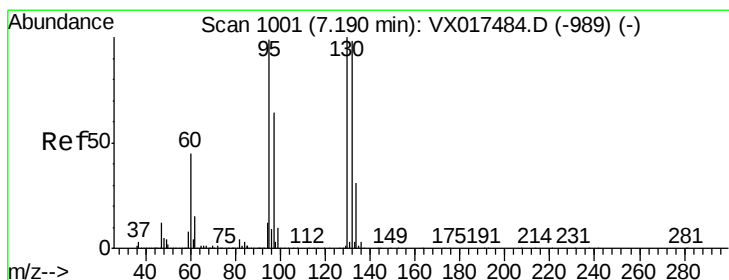
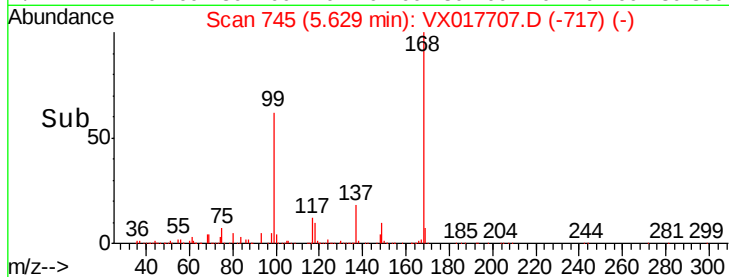
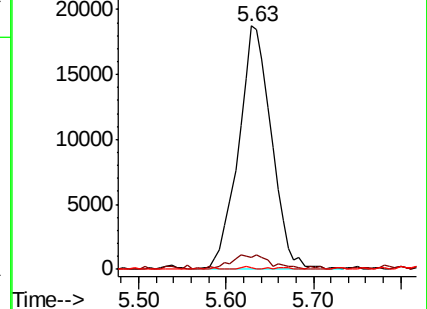
121 0.9 24.3 36.5#



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



#44

Trichloroethene

Concen: 24.207 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017707.D

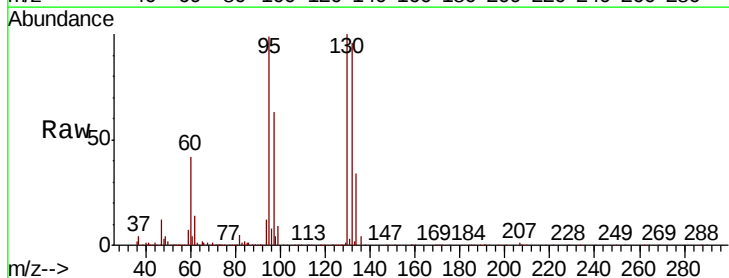
Acq: 31 Jul 2020 17:24

Tgt Ion:130 Resp: 151377

Ion Ratio Lower Upper

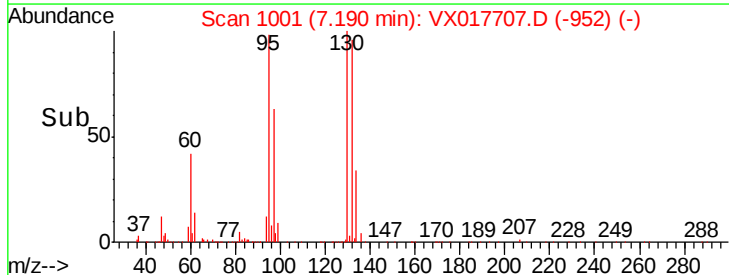
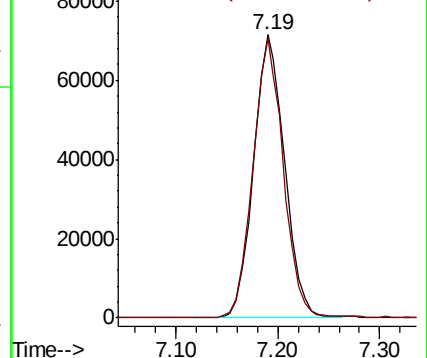
130 100

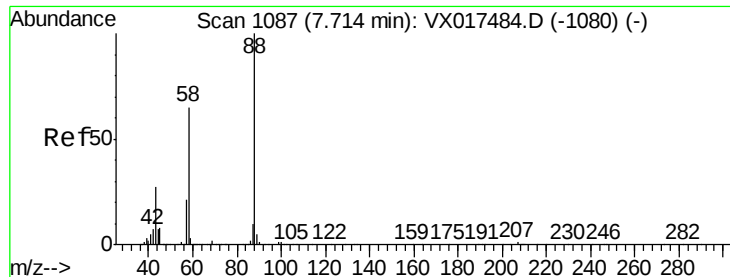
95 98.5 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 1.242 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

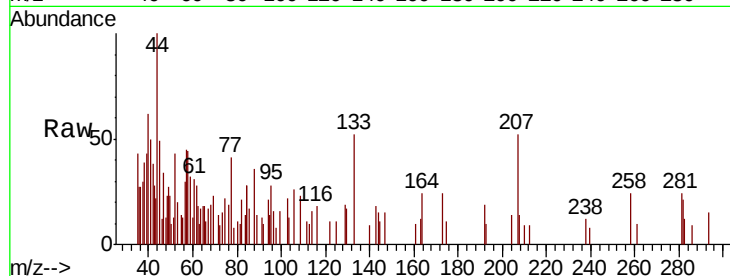
Tot Ion: 88 Resp: 159

Ion Ratio Lower Upper

88 100

43 269.8 27.8 41.6#

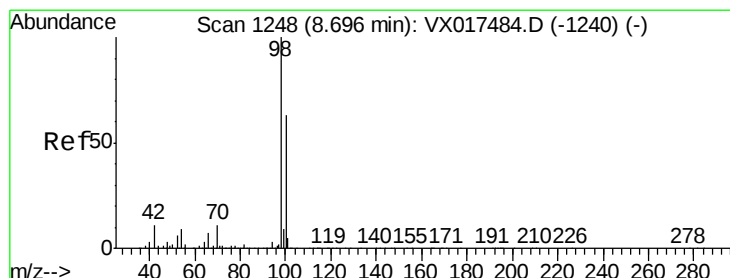
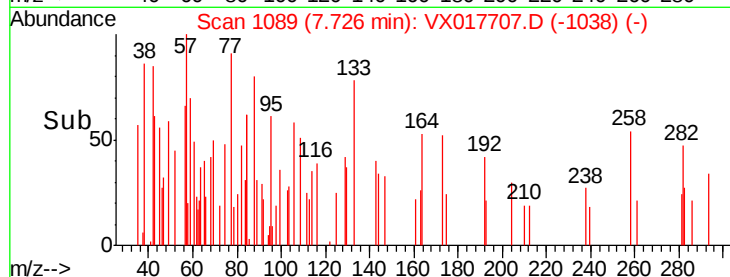
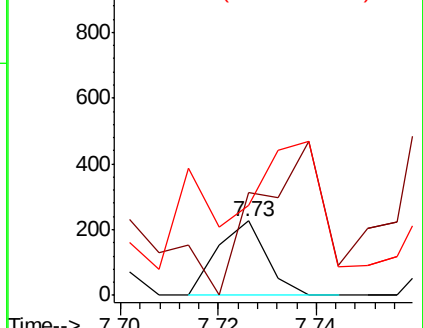
58 356.0 58.3 87.5#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.451 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017707.D

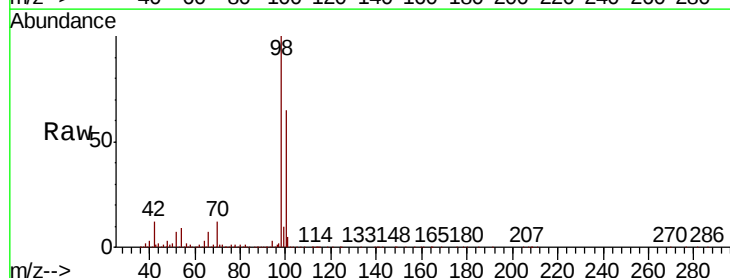
Acq: 31 Jul 2020 17:24

Tgt Ion: 98 Resp: 890928

Ion Ratio Lower Upper

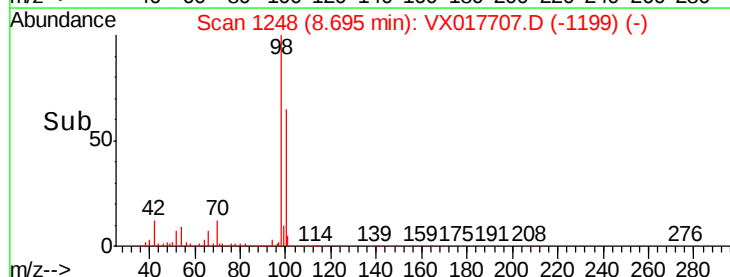
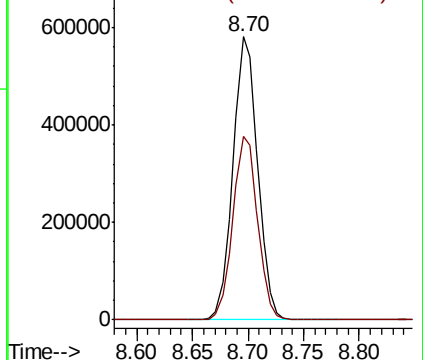
98 100

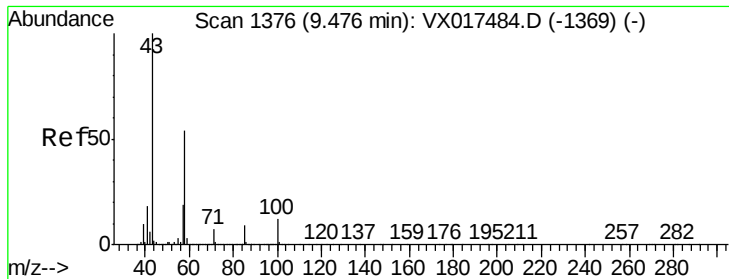
100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

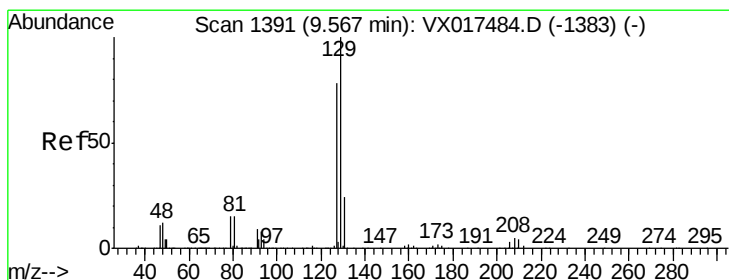
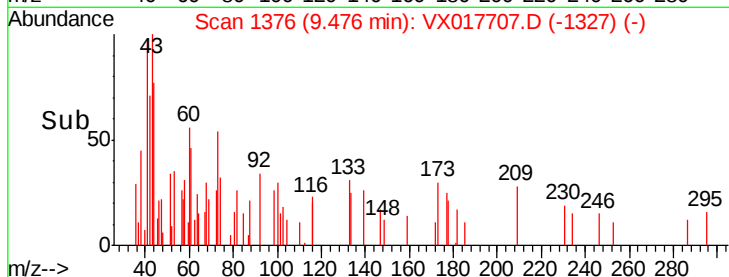
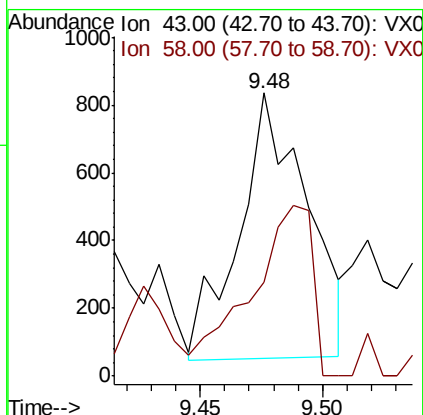
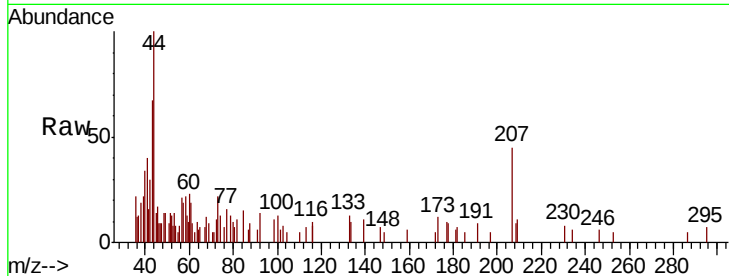




#59
2-Hexanone
Concen: 0.250 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

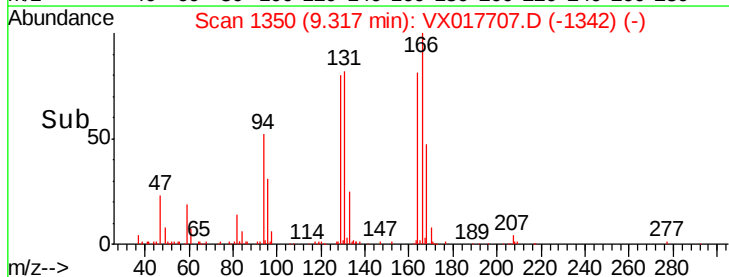
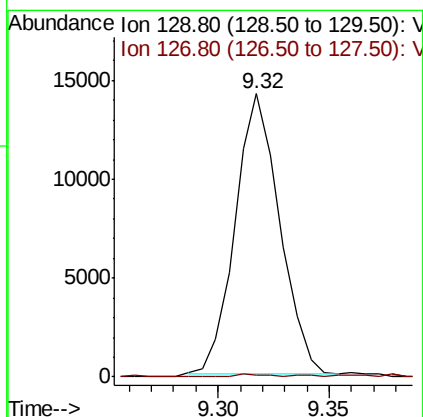
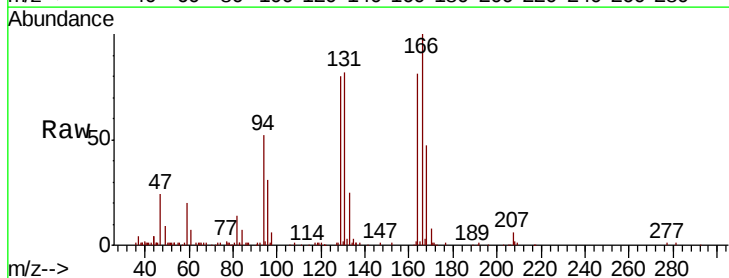
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-238-240

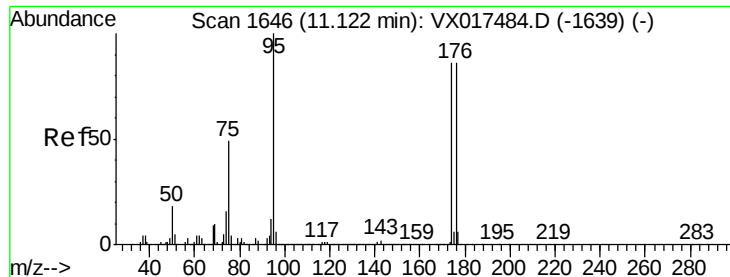
Tot Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 57.7 26.6 79.8



#60
Dibromochloromethane
Concen: 2.725 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX017707.D
Acq: 31 Jul 2020 17:24

Tgt Ion: 129 Resp: 19802
Ion Ratio Lower Upper
129 100
127 0.7 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 54.808 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

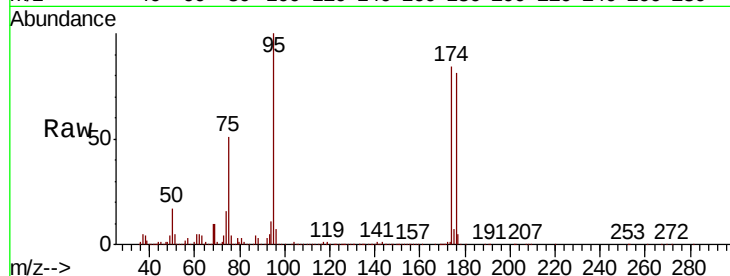
Tot Ion: 95 Resp: 411835

Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.0

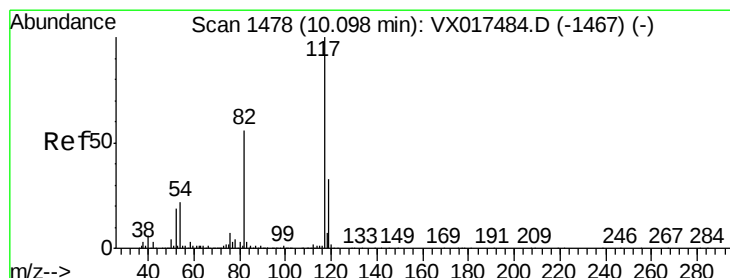
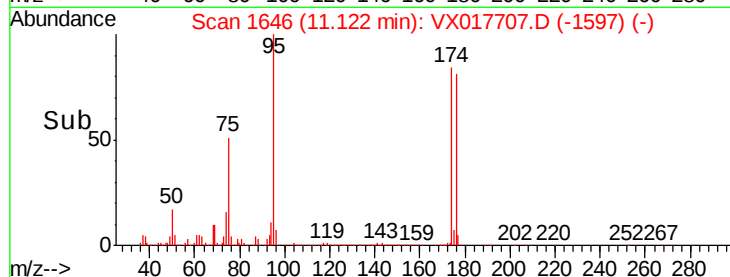
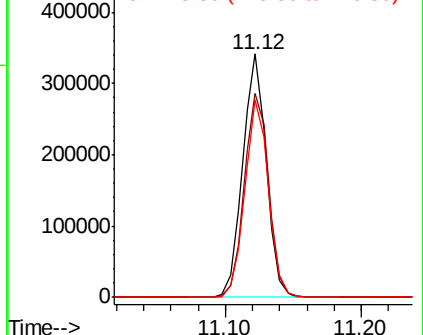
176 81.6 0.0 161.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

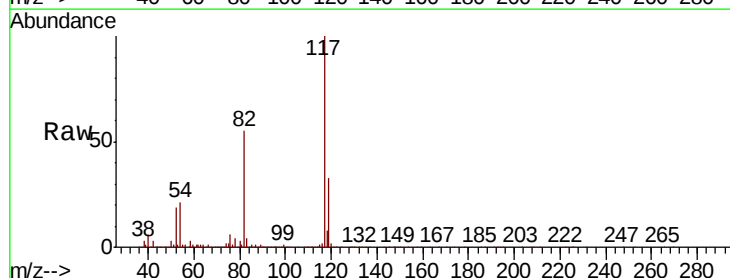
Tgt Ion: 117 Resp: 777968

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

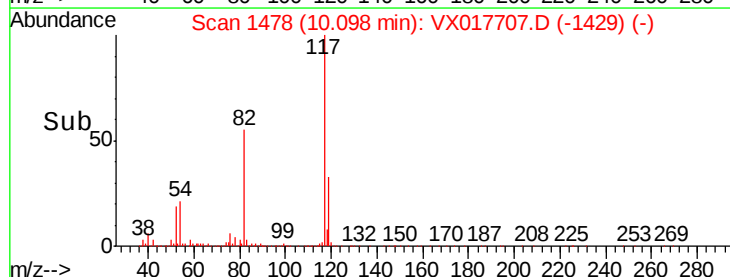
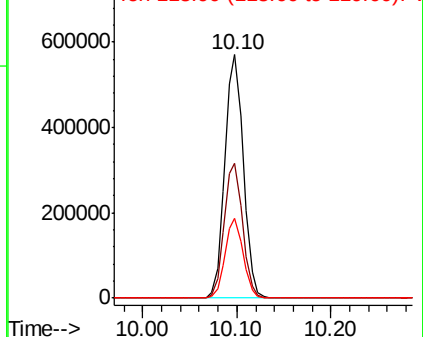
119 33.0 25.4 38.0

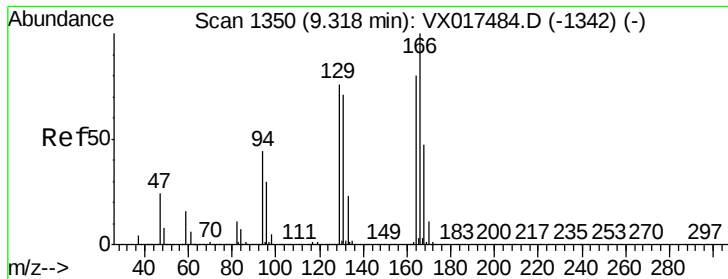


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.177 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

Tot Ion:164 Resp: 22184

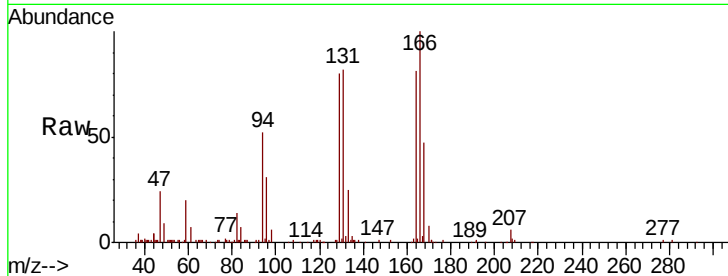
Ion Ratio Lower Upper

164 100

166 123.0 100.6 150.8

129 98.8 75.0 112.6

131 100.5 75.2 112.8



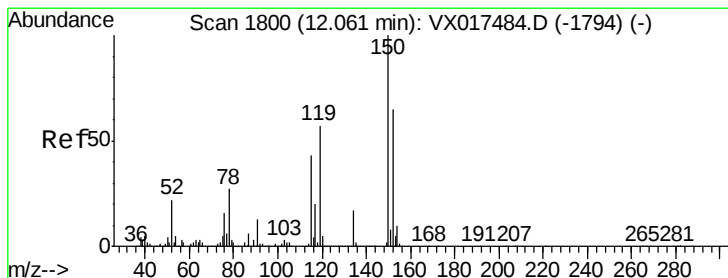
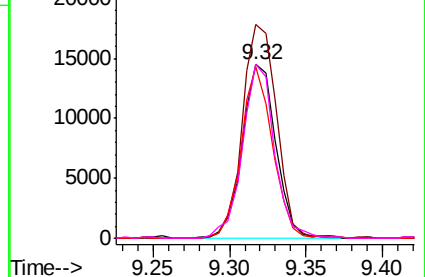
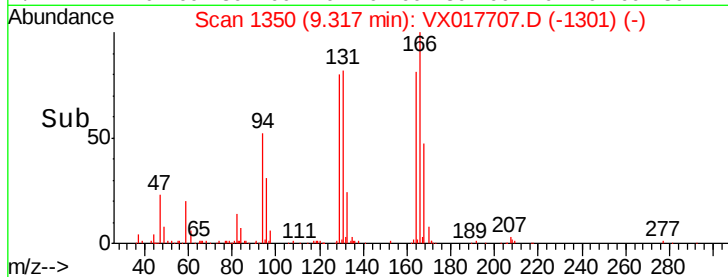
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

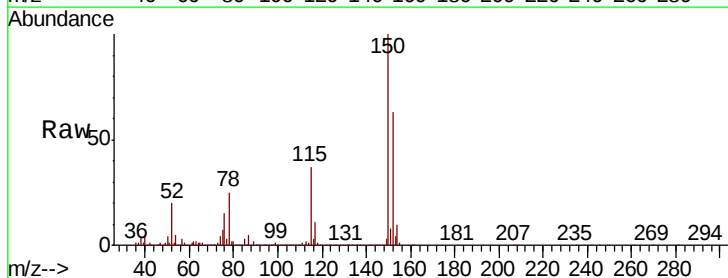
Tgt Ion:152 Resp: 429358

Ion Ratio Lower Upper

152 100

115 57.8 65.5 196.6#

150 157.6 0.0 412.6

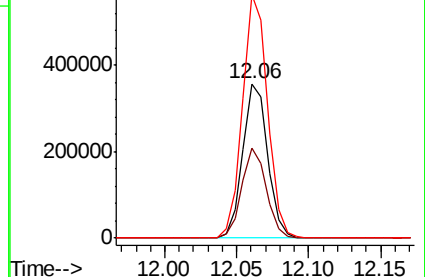
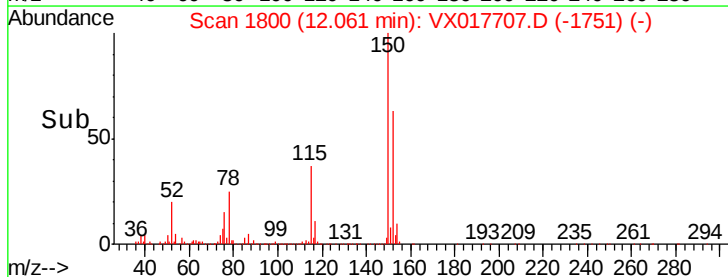


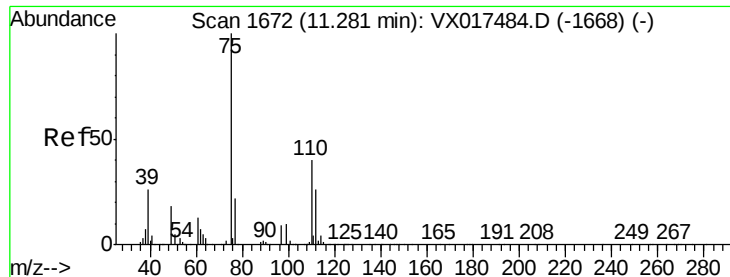
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->





#76

1,2,3-Trichloropropane

Concen: 24.424 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

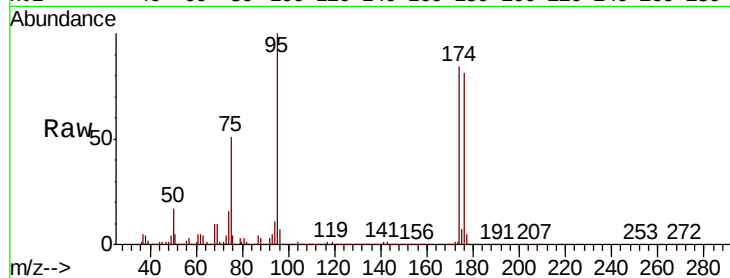
BP-VPB179-GW-238-240

Tot Ion: 75 Resp: 215711

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

11.12

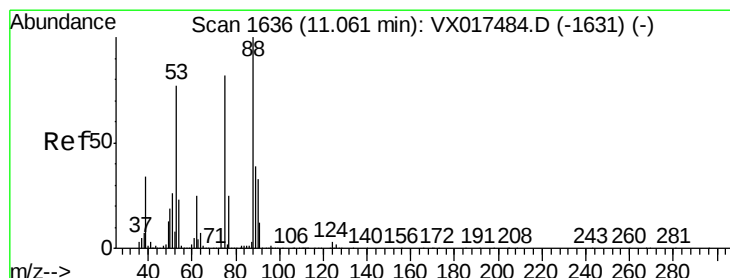
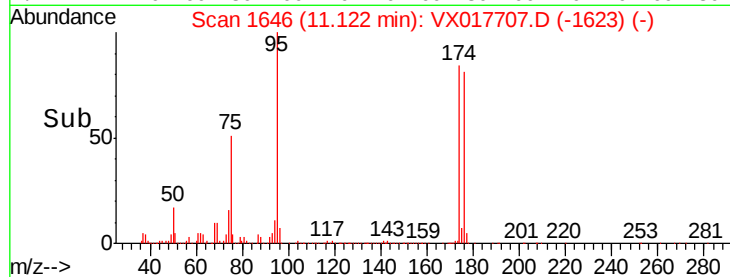
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 61.542 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

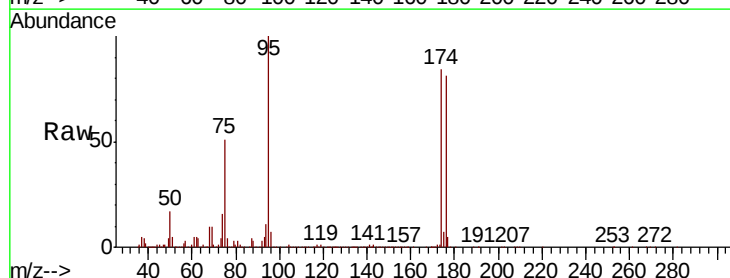
Tgt Ion: 75 Resp: 215711

Ion Ratio Lower Upper

75 100

53 0.4 75.9 113.9#

89 0.3 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

11.12

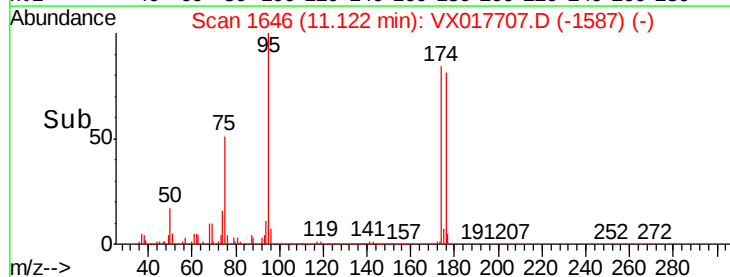
150000

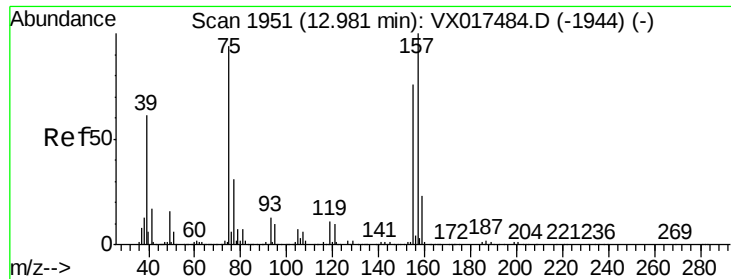
100000

50000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.673 ug/l

RT: 12.98 min Scan# 1950

Delta R.T. -0.01 min

Lab File: VX017707.D

Acq: 31 Jul 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-238-240

Tot Ion: 75 Resp: 263

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 0.0 54.3 162.9#

