

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017638.D
 Acq On : 27 Jul 2020 23:29
 Operator : JC/SP
 Sample : L3429-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Jul 28 01:39:35 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	5.63	168	482598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	794662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	847208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	477054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	324153	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
35) Dibromofluoromethane	5.47	113	283560	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
50) Toluene-d8	8.70	98	1002718	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.12	95	456860	59.54	ug/l	0.00
Spiked Amount			Recovery	=	119.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	302	Below Cal		93
3) Chloromethane	1.31	50	1633	0.639	ug/l #	84
5) Bromomethane	1.64	94	711	Below Cal	#	70
6) Chloroethane	1.72	64	798	Below Cal	#	61
8) Diethyl Ether	1.93	74	361	Below Cal		81
11) Tert butyl alcohol	3.01	59	6807	5.210	ug/l #	91
13) Acrolein	2.27	56	4558	8.642	ug/l #	78
16) Acetone	2.42	43	38156	13.984	ug/l	98
17) Carbon Disulfide	2.55	76	4974	0.328	ug/l #	91
20) Methylene Chloride	2.84	84	1991	Below Cal	#	53
25) 2-Butanone	4.64	43	5802	1.497	ug/l	97
30) Chloroform	5.17	83	17080	1.744	ug/l	88
31) Cyclohexane	5.56	56	3717	0.486	ug/l #	84
36) 1,1-Dichloropropene	5.63	75	35955	4.718	ug/l #	50
38) Carbon Tetrachloride	5.64	117	49233	5.319	ug/l #	18
39) Methylcyclohexane	7.45	83	21869	2.458	ug/l #	92
43) Isopropyl Acetate	6.43	43	4229	0.307	ug/l #	64
48) Methyl methacrylate	7.70	41	3755	0.551	ug/l #	41
49) 1,4-Dioxane	7.72	88	225	1.721	ug/l #	22
55) 1,1,2-Trichloroethane	9.15	97	18218	3.121	ug/l #	19
56) Ethyl methacrylate	9.15	69	4039	0.459	ug/l #	1
59) 2-Hexanone	9.56	43	967176	156.480	ug/l #	47
70) Styrene	10.70	104	8015	0.413	ug/l	95
73) Isopropylbenzene	11.01	105	23894	0.730	ug/l	98
74) N-amyl acetate	10.89	43	22292	1.533	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	229199	23.356	ug/l #	34
78) n-propylbenzene	11.34	91	74731	2.025	ug/l	100
79) 2-Chlorotoluene	11.34	91	74731	3.268	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.12	75	229199	58.852	ug/l #	11
82) 4-Chlorotoluene	11.34	91	74731	2.771	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.79	105	7446	0.268	ug/l	93
85) sec-Butylbenzene	11.93	105	20695	0.664	ug/l	97
86) p-Isopropyltoluene	12.22	119	10123	0.341	ug/l	86
89) n-Butylbenzene	12.37	91	34223	1.295	ug/l #	70

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Quant Time: Jul 28 01:39:35 2020
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

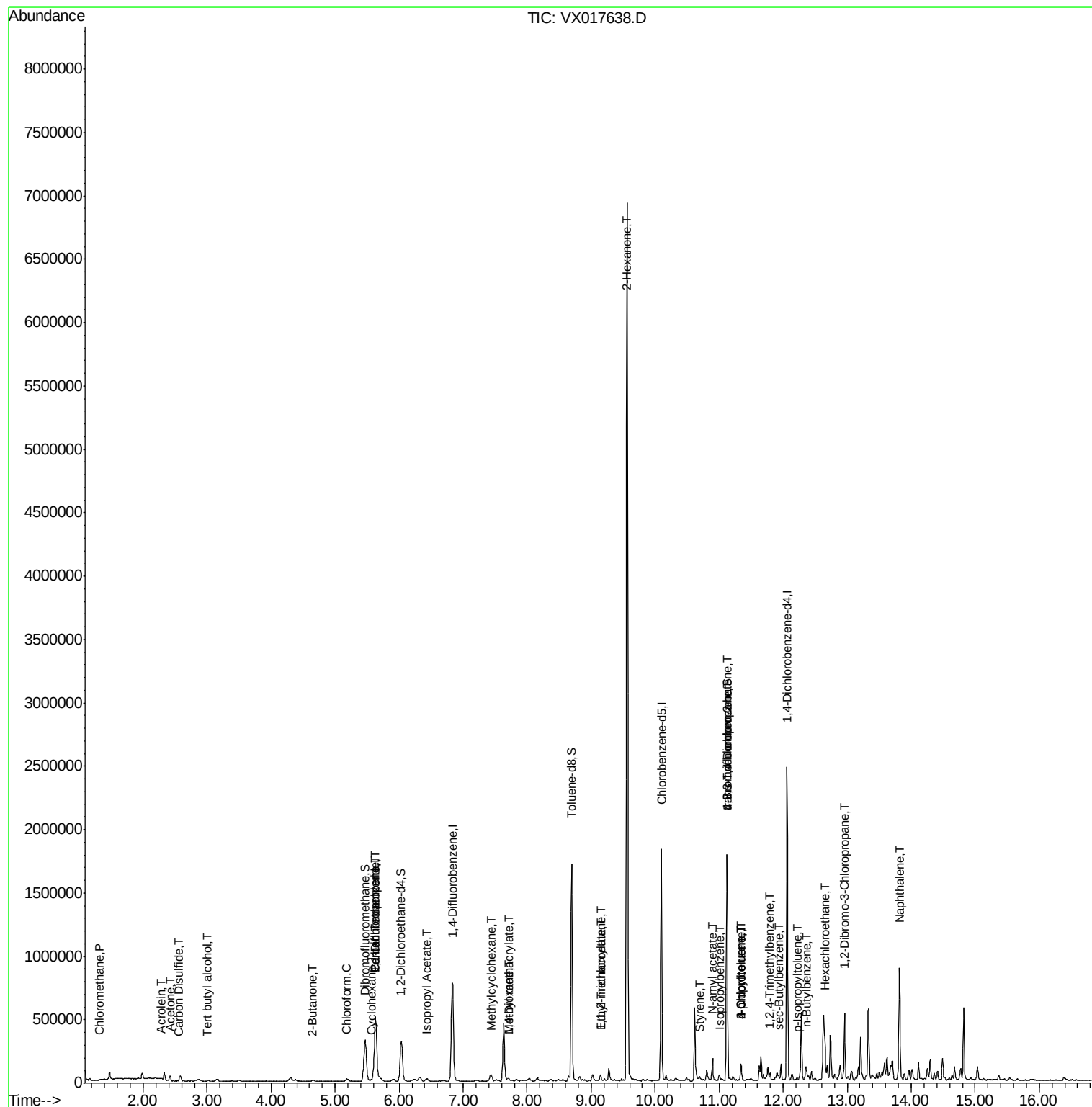
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.65	117	14830	2.536	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.96	75	2233	3.310	ug/l #	1
95) Naphthalene	13.82	128	513935	16.313	ug/l	99

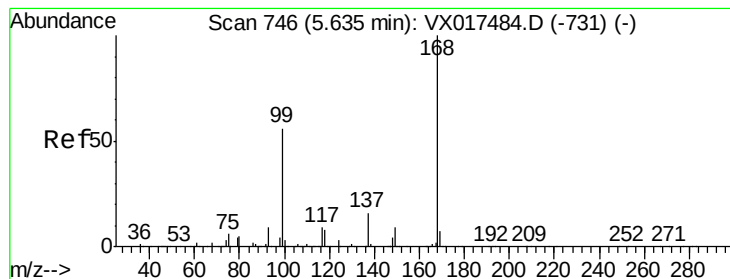
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

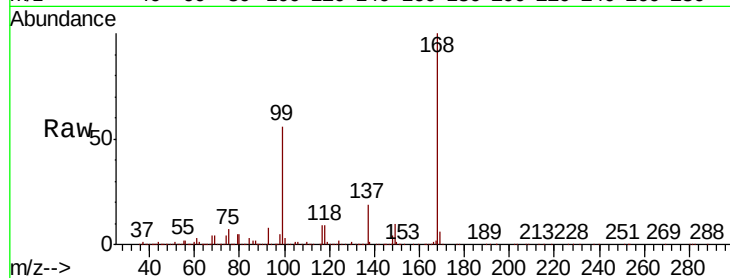
GROUNDWATER

Tot Ion:168 Resp: 482598

Ion Ratio Lower Upper

168 100

99 55.4 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

200000

150000

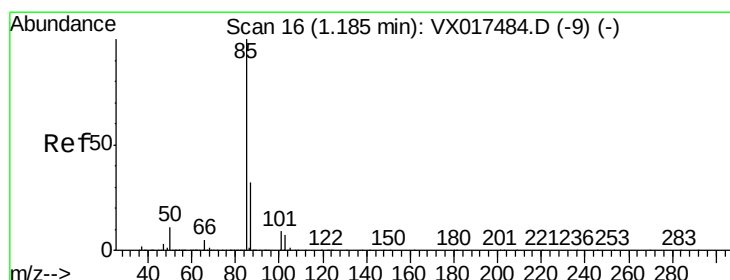
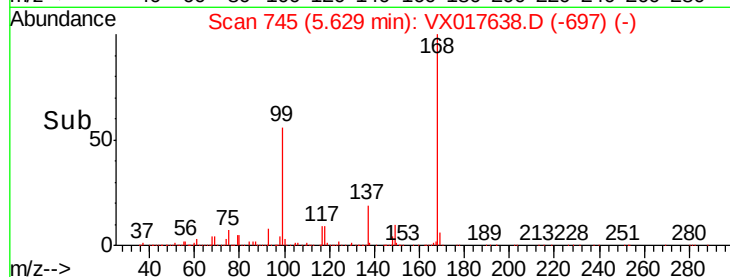
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017638.D

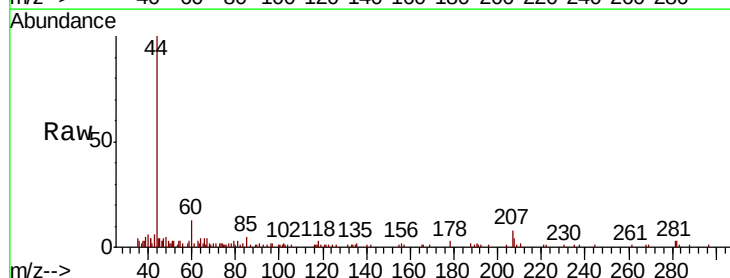
Acq: 27 Jul 2020 23:29

Tgt Ion: 85 Resp: 302

Ion Ratio Lower Upper

85 100

87 28.4 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

300

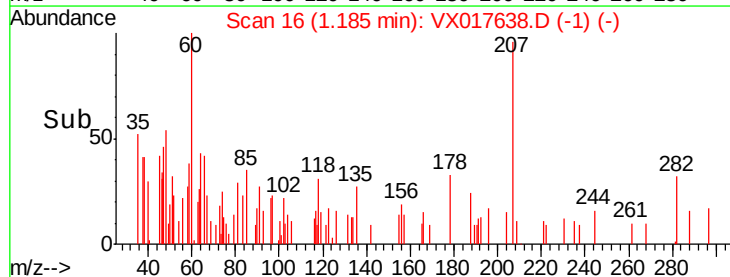
200

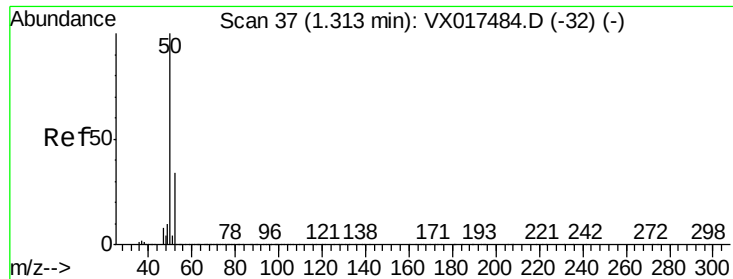
100

0

Time-->

1.16 1.18 1.20





#3

Chloromethane

Concen: 0.639 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampled :

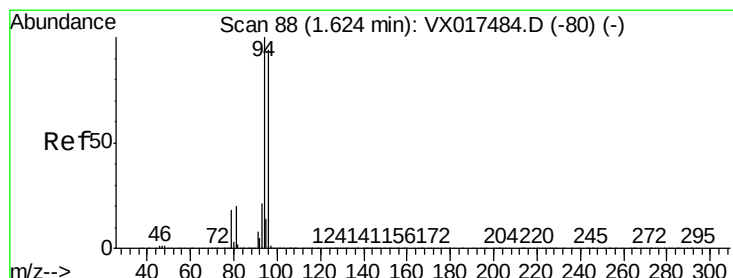
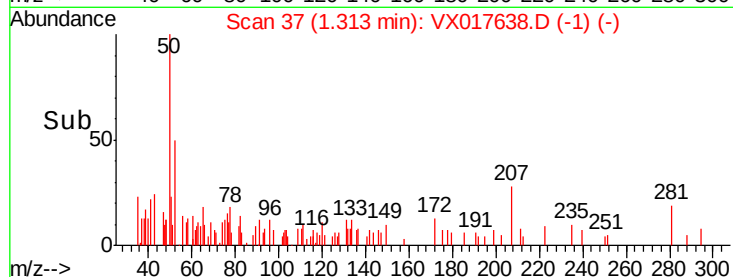
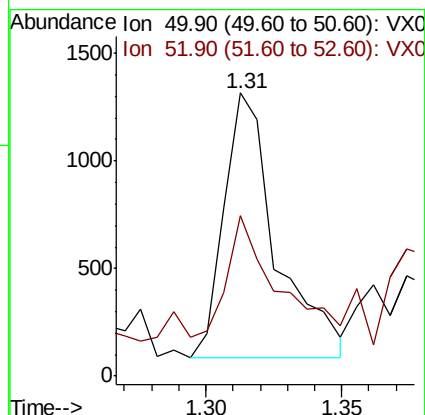
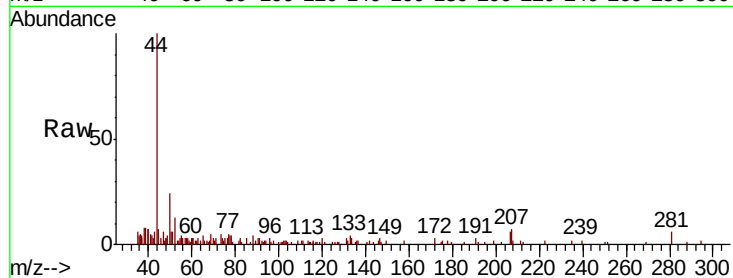
GROUNDWATER

Tot Ion: 50 Resp: 1633

Ion Ratio Lower Upper

50 100

52 41.6 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017638.D

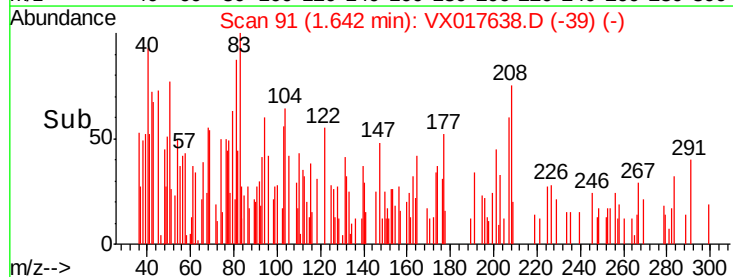
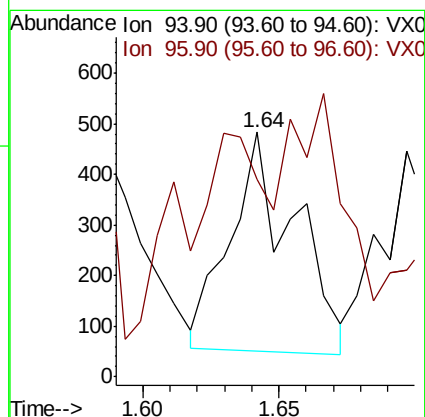
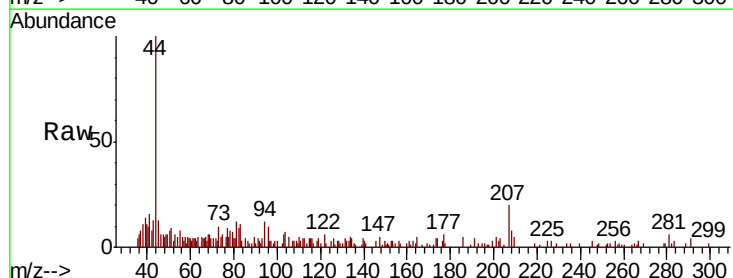
Acq: 27 Jul 2020 23:29

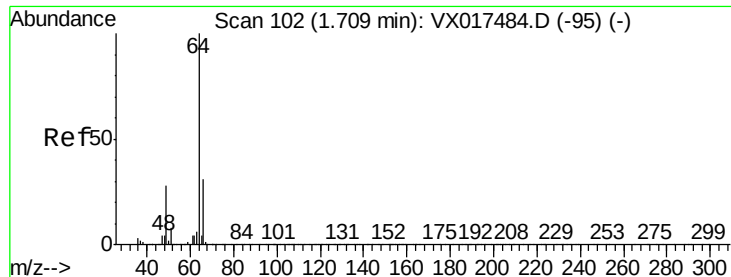
Tgt Ion: 94 Resp: 711

Ion Ratio Lower Upper

94 100

96 63.7 74.1 111.1#





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampled :

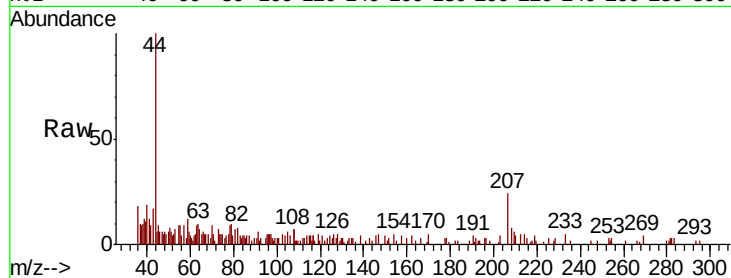
GROUNDWATER

Tot Ion: 64 Resp: 798

Ion Ratio Lower Upper

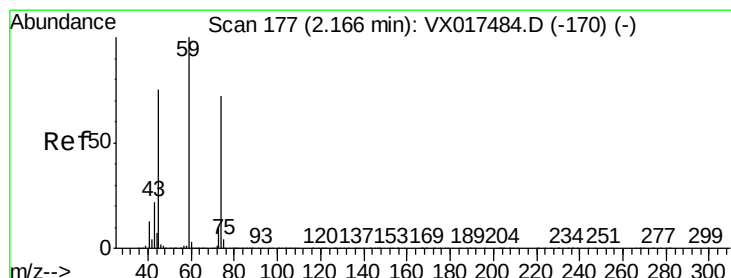
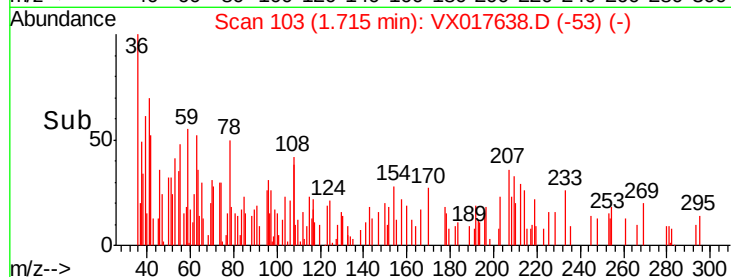
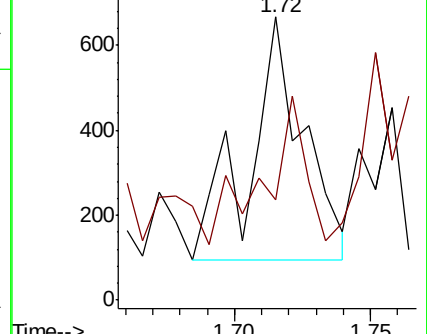
64 100

66 9.4 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: 1.93 min Scan# 138

Delta R.T. -0.24 min

Lab File: VX017638.D

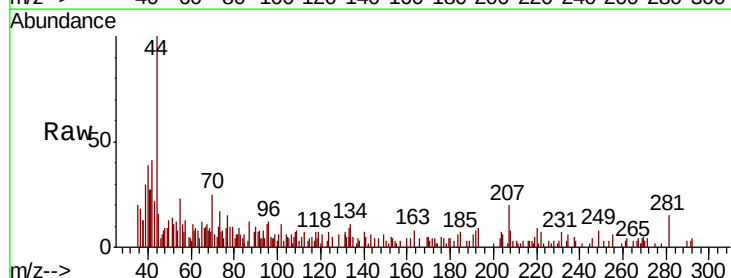
Acq: 27 Jul 2020 23:29

Tgt Ion: 74 Resp: 361

Ion Ratio Lower Upper

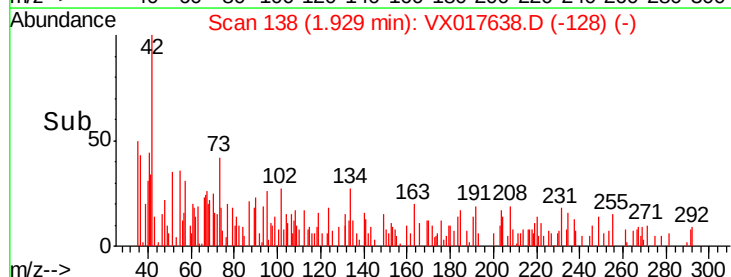
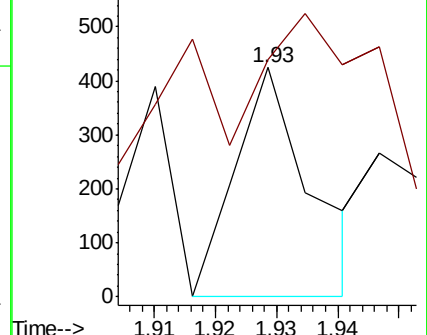
74 100

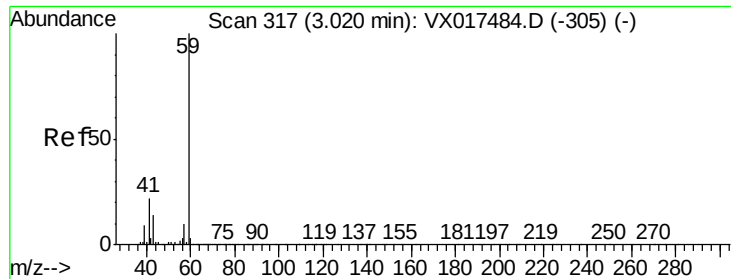
45 121.1 50.8 152.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



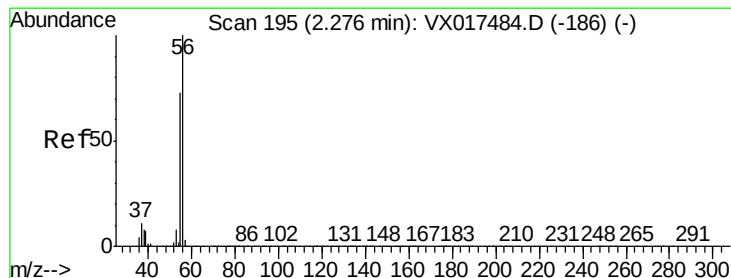
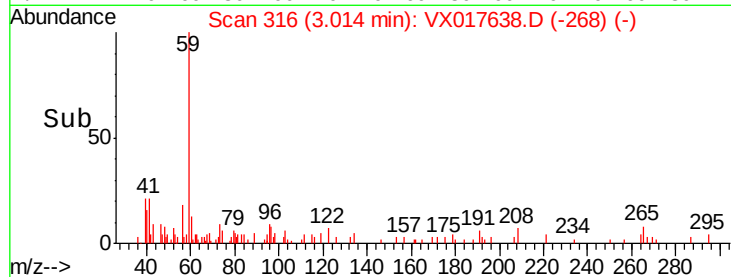
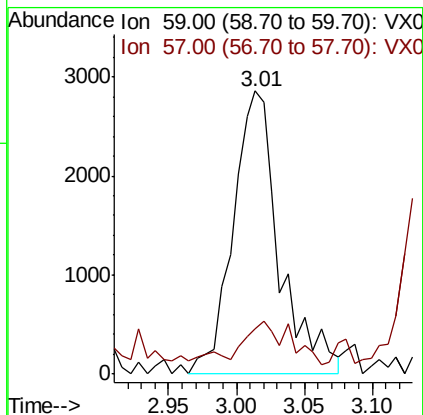
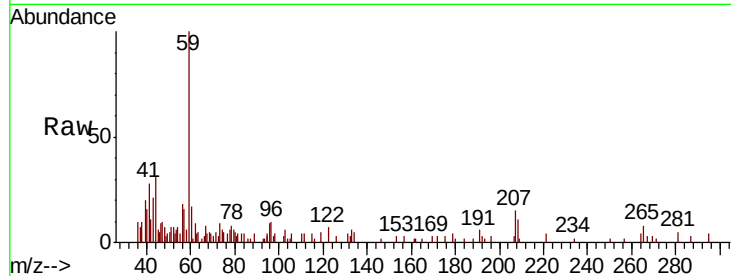


#11

Tert butyl alcohol
 Concen: 5.210 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

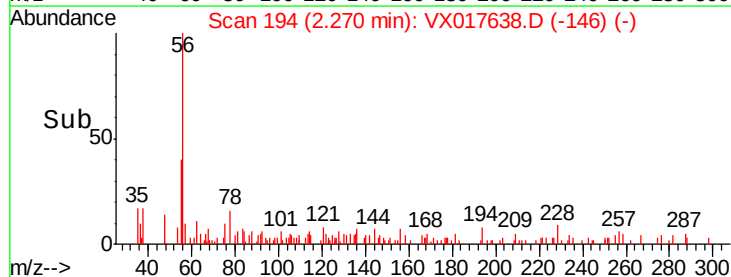
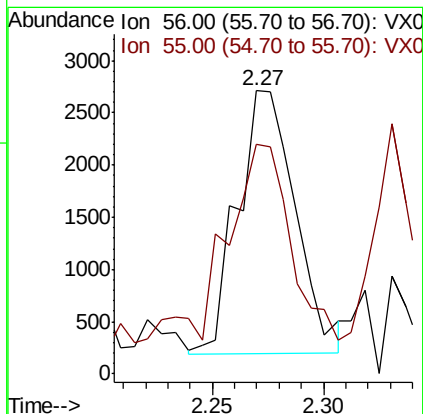
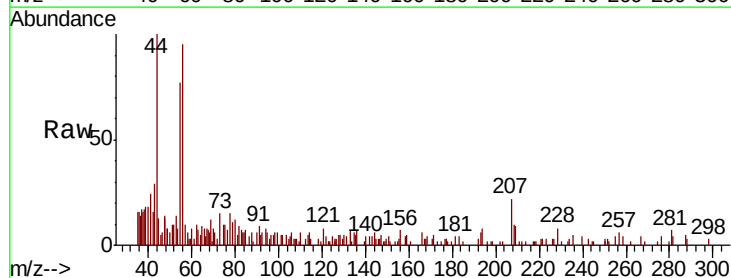
Tot Ion: 59 Resp: 6807
 Ion Ratio Lower Upper
 59 100
 57 14.2 8.6 12.8#

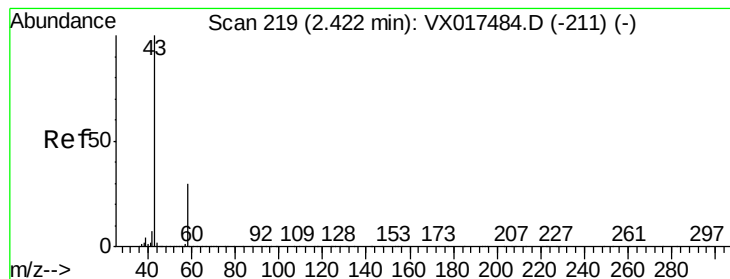


#13

Acrolein
 Concen: 8.642 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

Tgt Ion: 56 Resp: 4558
 Ion Ratio Lower Upper
 56 100
 55 90.0 57.4 86.2#





#16

Acetone

Concen: 13.984 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

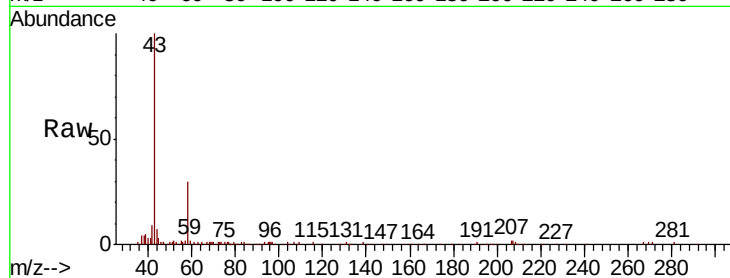
GROUNDWATER

Tot Ion: 43 Resp: 38156

Ion Ratio Lower Upper

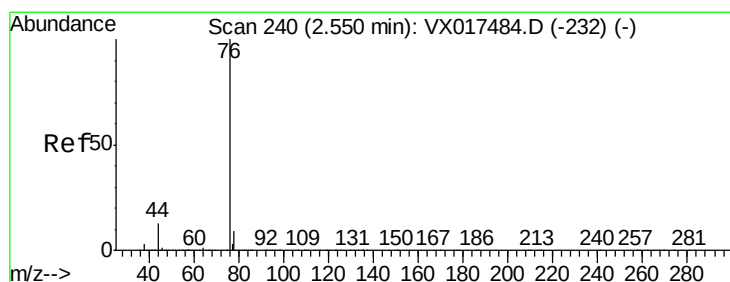
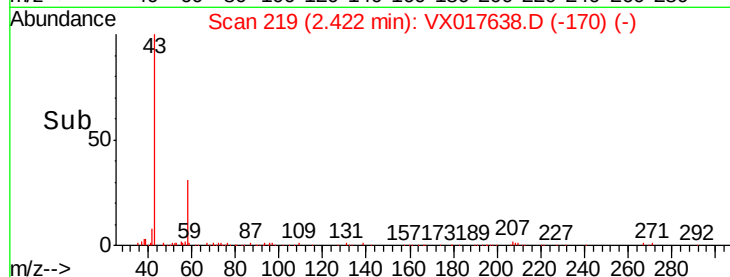
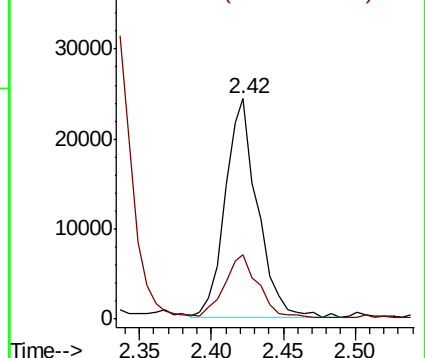
43 100

58 29.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.328 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017638.D

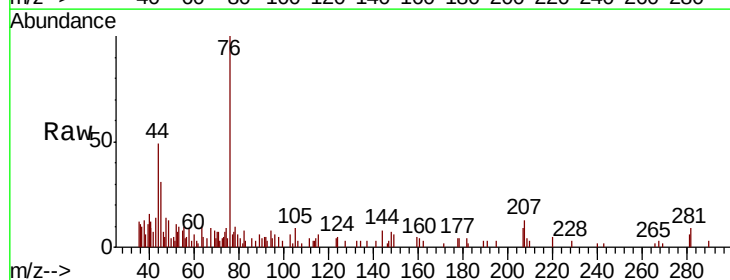
Acq: 27 Jul 2020 23:29

Tgt Ion: 76 Resp: 4974

Ion Ratio Lower Upper

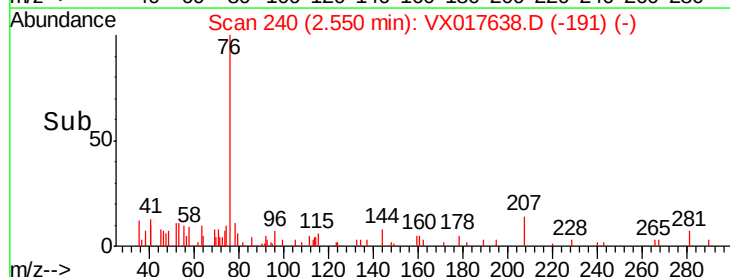
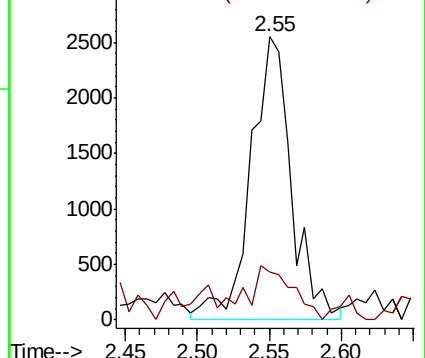
76 100

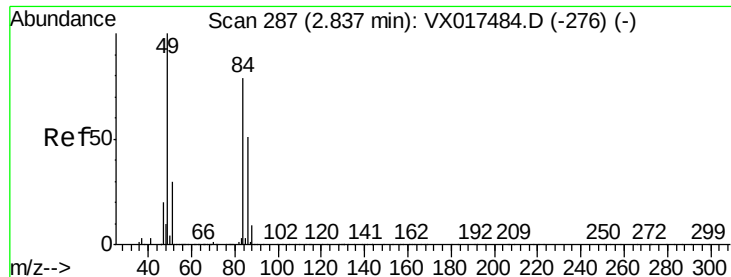
78 12.8 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

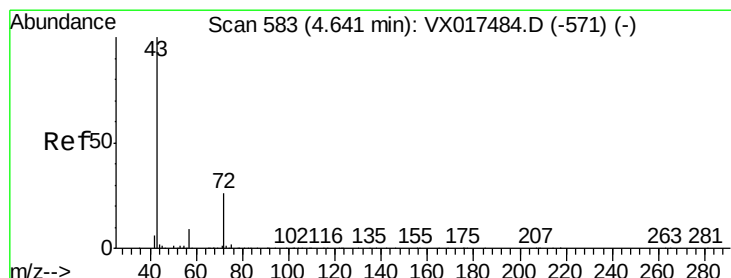
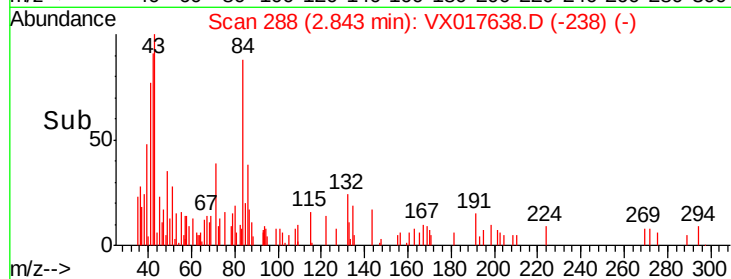
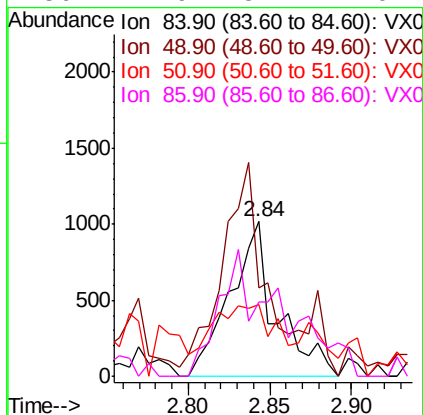
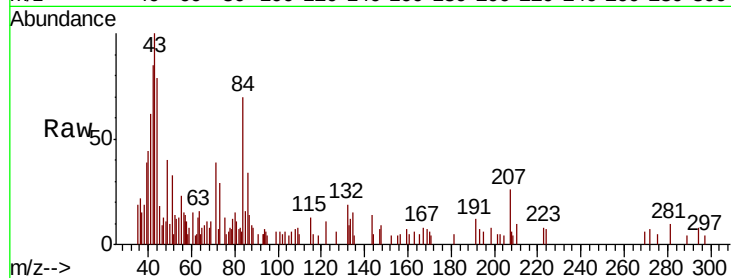




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

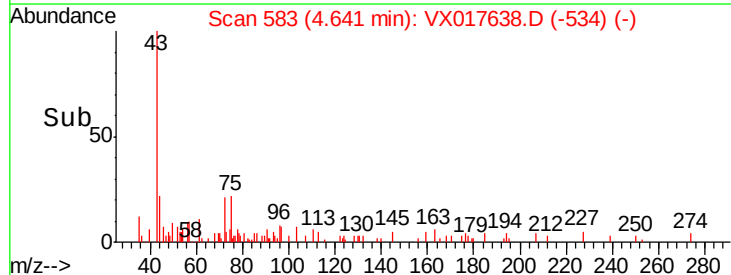
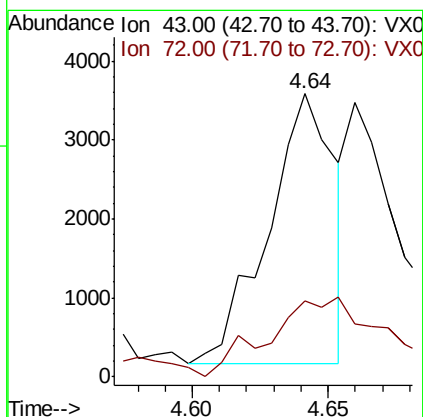
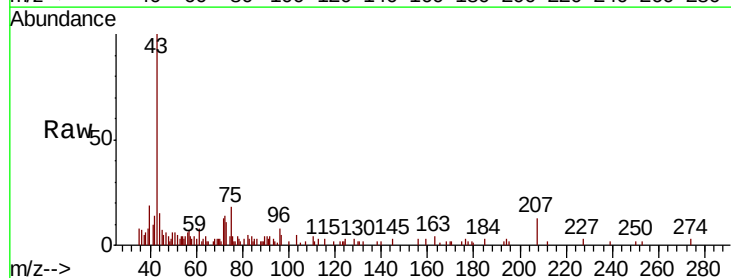
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

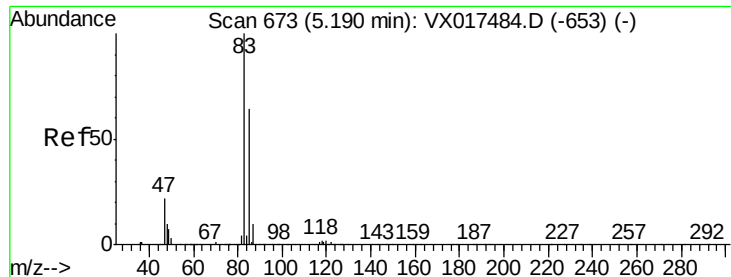
Tot Ion: 84 Resp: 1991
Ion Ratio Lower Upper
84 100
49 44.3 100.3 150.5#
51 39.6 30.5 45.7
86 42.9 51.1 76.7#



#25
2-Butanone
Concen: 1.497 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
72 25.1 19.0 28.4

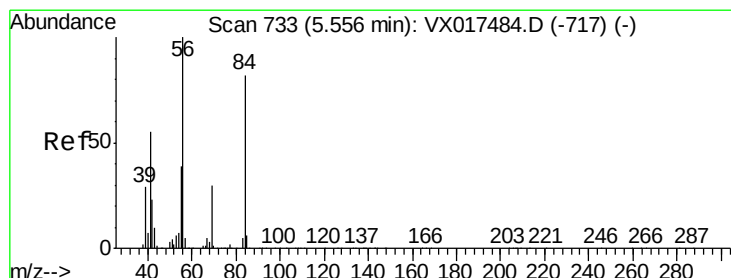
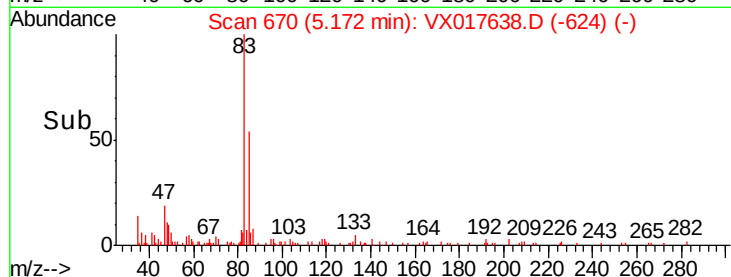
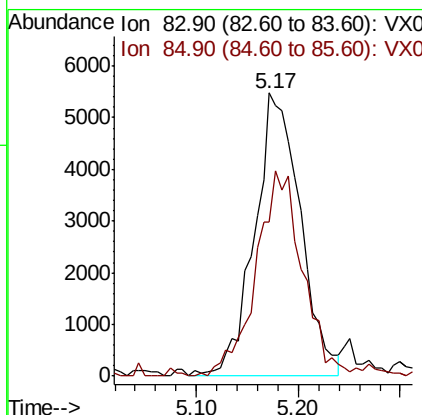
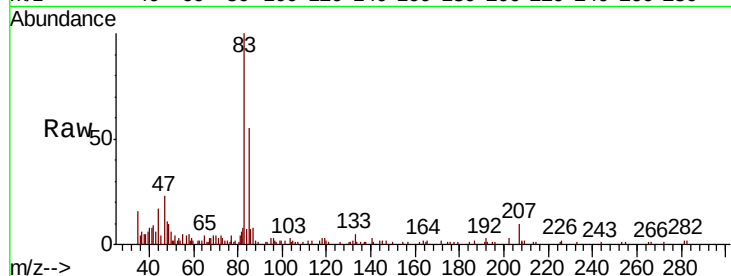




#30
Chloroform
Concen: 1.744 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

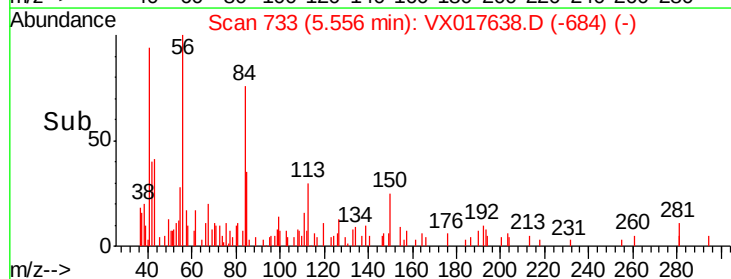
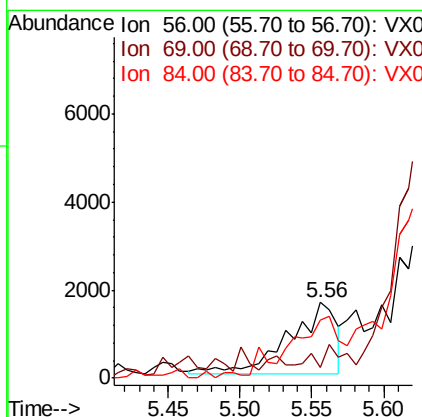
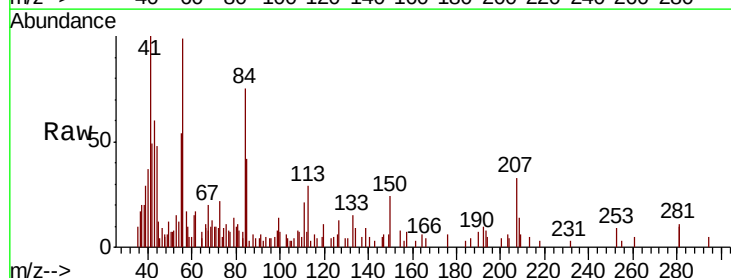
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

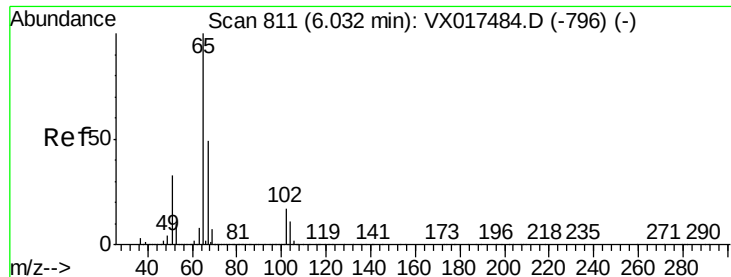
Tot Ion: 83 Resp: 17080
Ion Ratio Lower Upper
83 100
85 54.5 51.4 77.2



#31
Cyclohexane
Concen: 0.486 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion: 56 Resp: 3717
Ion Ratio Lower Upper
56 100
69 0.0 24.2 36.4#
84 84.5 69.0 103.6

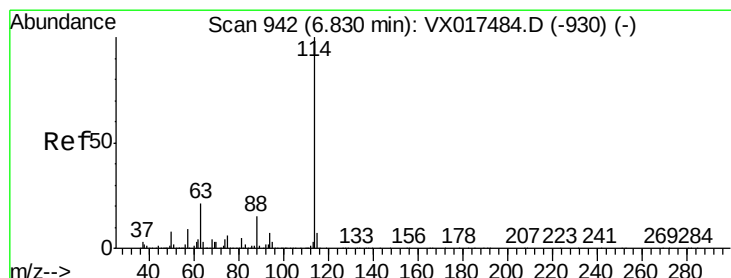
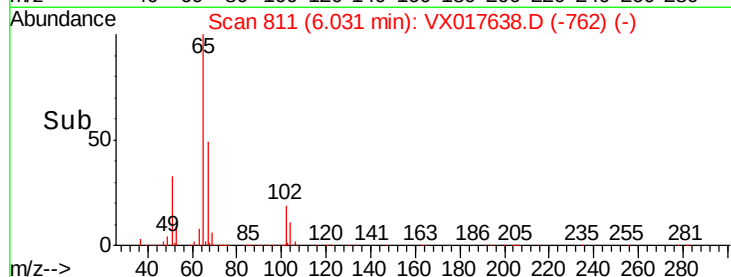
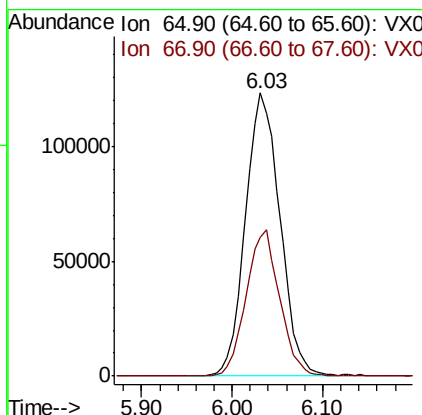
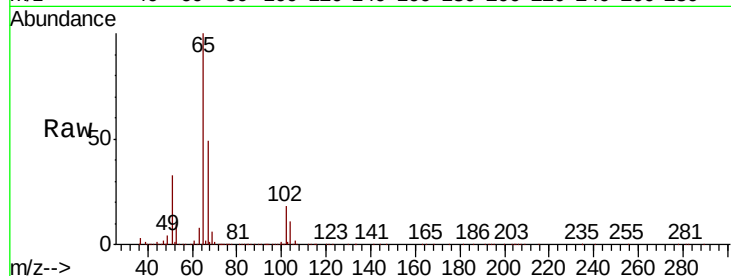




#33
 1,2-Dichloroethane-d4
 Concen: 52.290 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

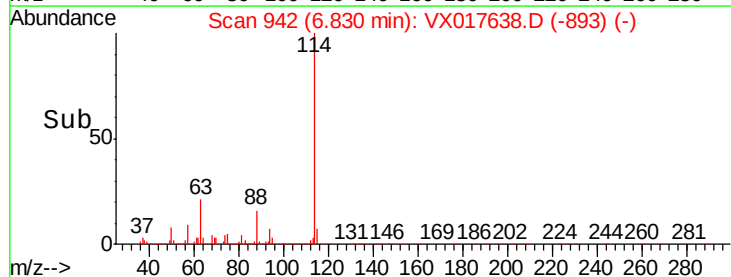
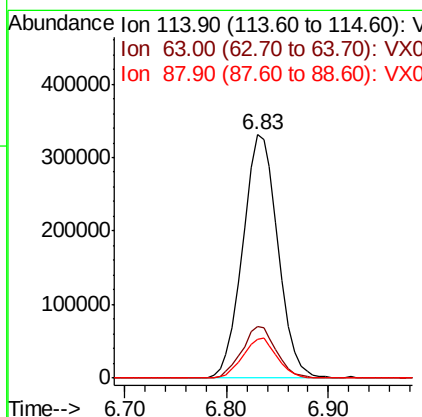
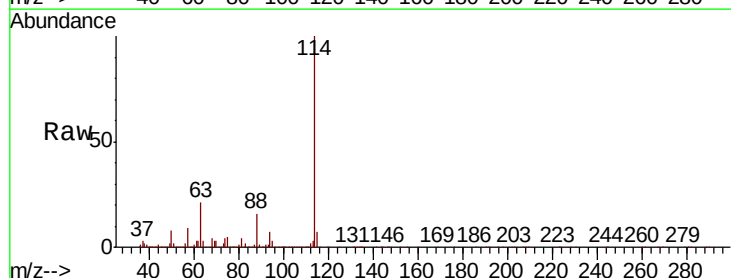
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

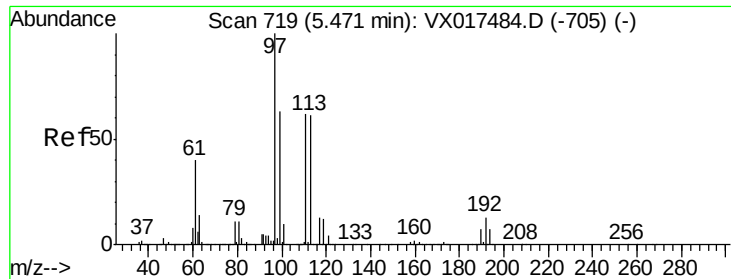
Tot Ion: 65 Resp: 324153
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

Tgt Ion: 114 Resp: 794662
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 15.7 0.0 33.4

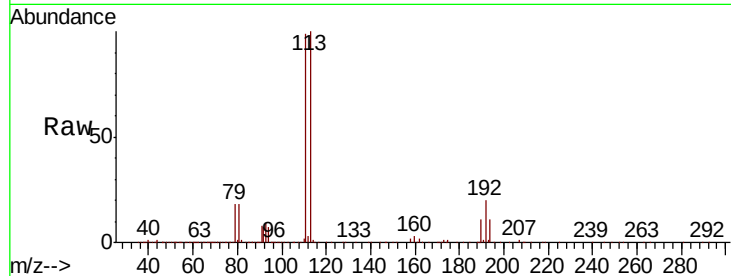




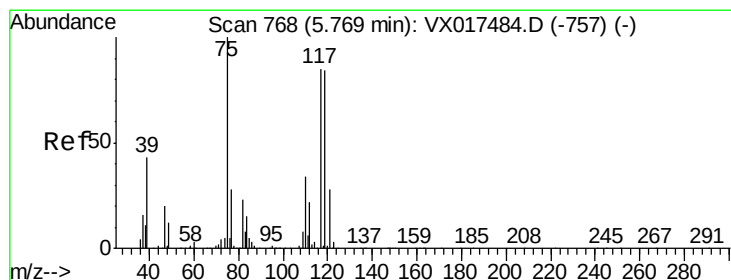
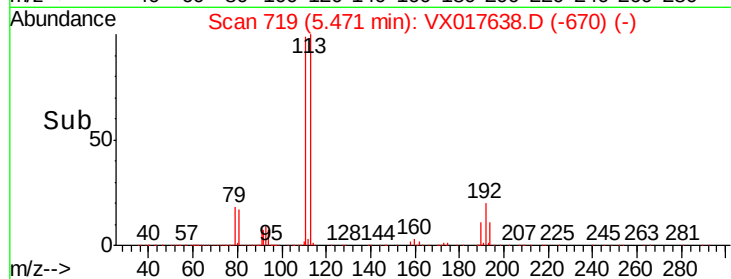
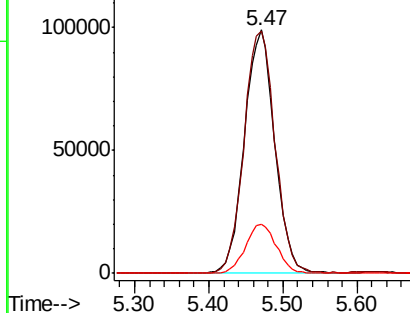
#35
Dibromofluoromethane
Concen: 53.353 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	20.8	16.9	25.3

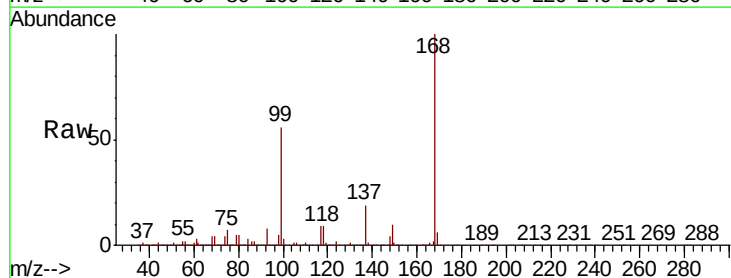


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

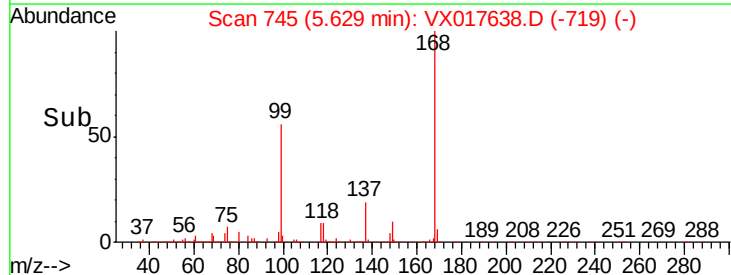
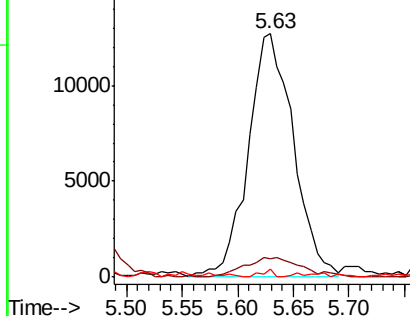


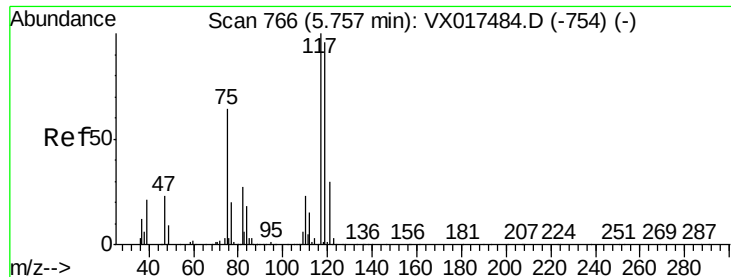
#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.3#
77	0.8	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: 5.319 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

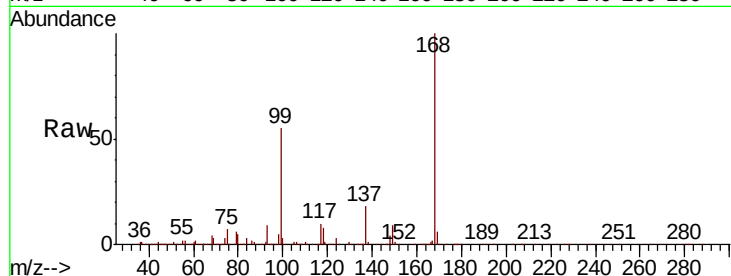
Tot Ion:117 Resp: 49233

Ion Ratio Lower Upper

117 100

119 6.1 75.4 113.0#

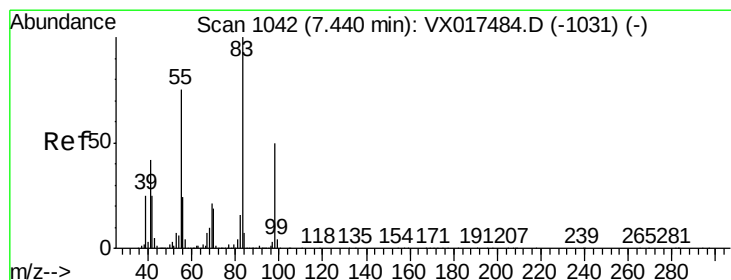
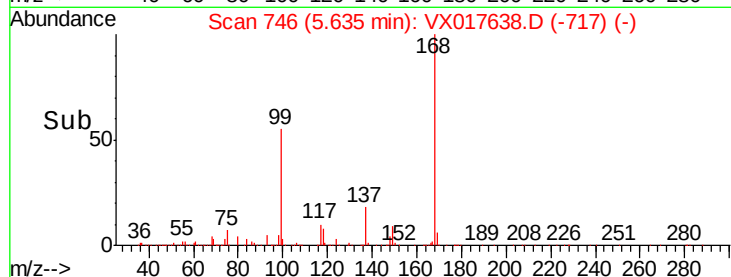
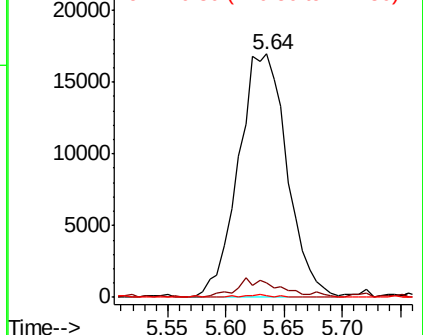
121 0.7 24.3 36.5#



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



#39

Methylcyclohexane

Concen: 2.458 ug/l

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

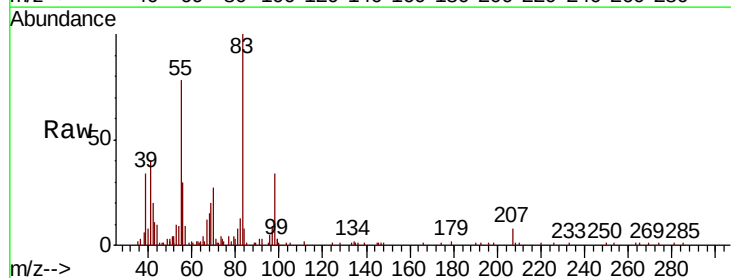
Tgt Ion: 83 Resp: 21869

Ion Ratio Lower Upper

83 100

55 76.8 61.8 92.8

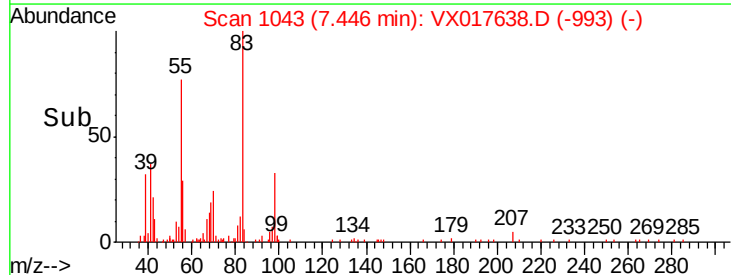
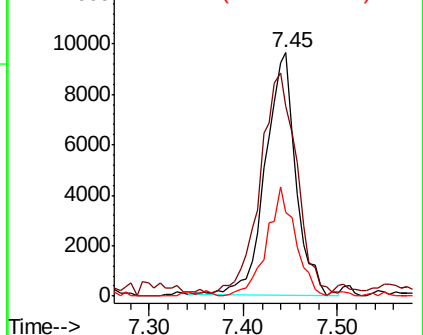
98 32.6 36.9 55.3#

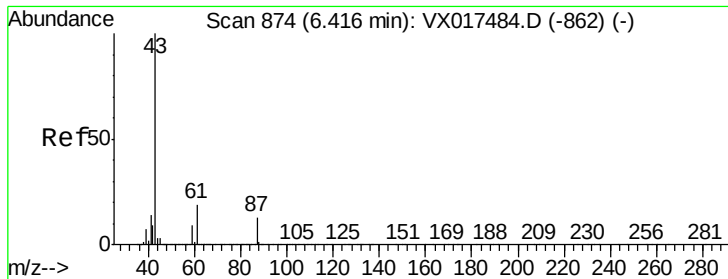


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

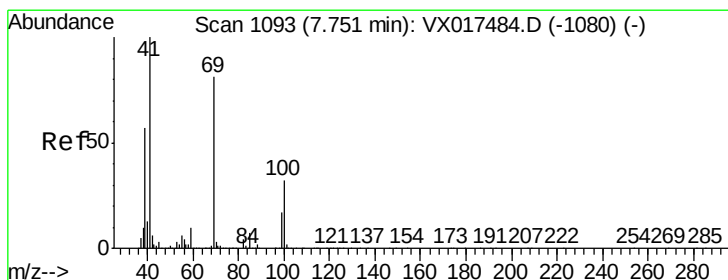
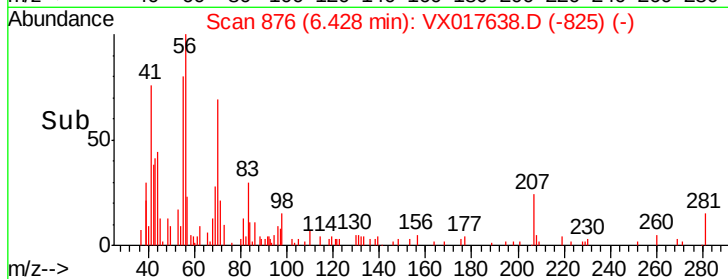
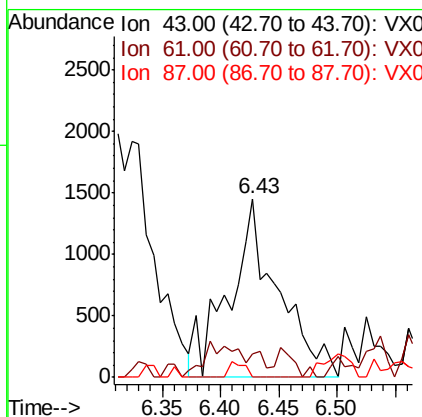
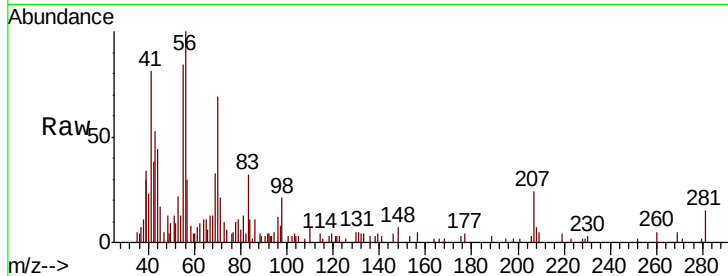




#43
Isopropyl Acetate
Concen: 0.307 ug/l
RT: 6.43 min Scan# 876
Delta R.T. 0.01 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

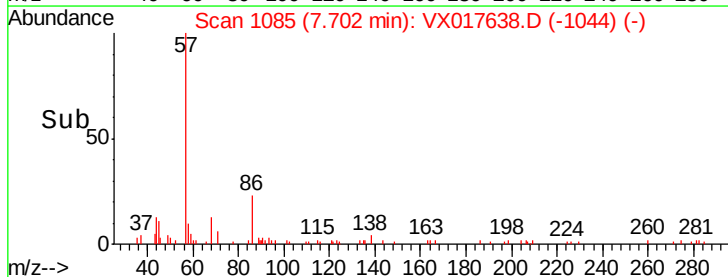
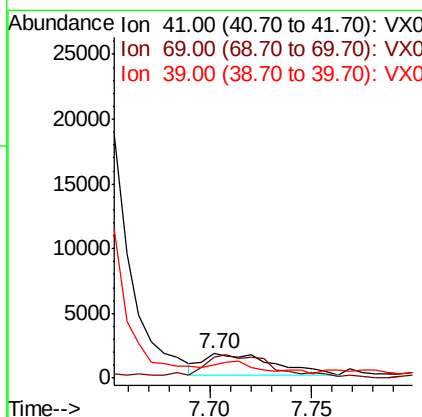
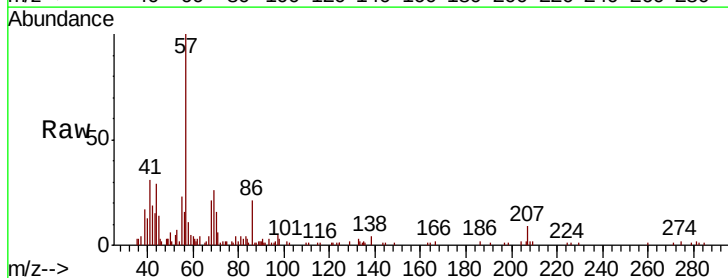
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

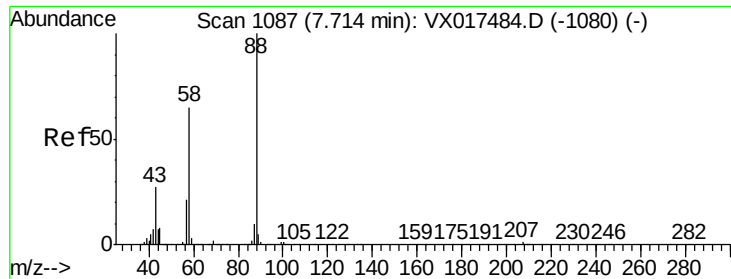
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.5	23.3#
87	2.7	10.5	15.7#



#48
Methyl methacrylate
Concen: 0.551 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.05 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	119.0	63.1	94.7#
39	0.0	45.1	67.7#

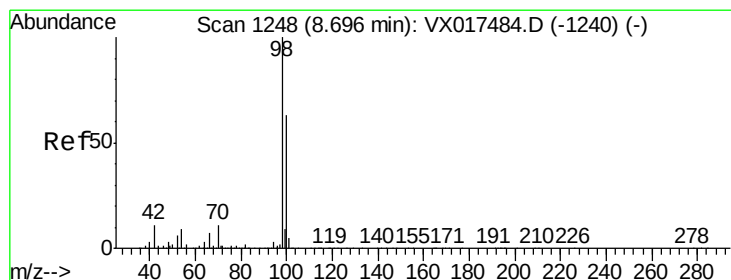
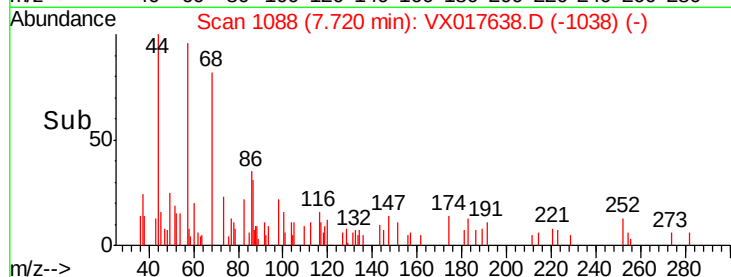
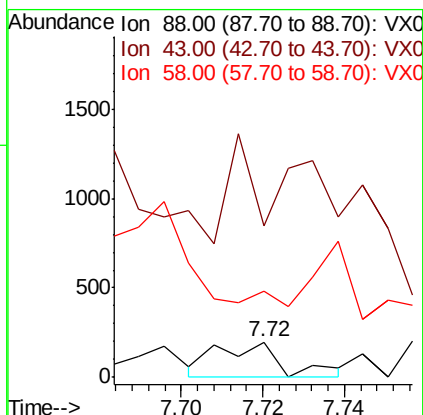
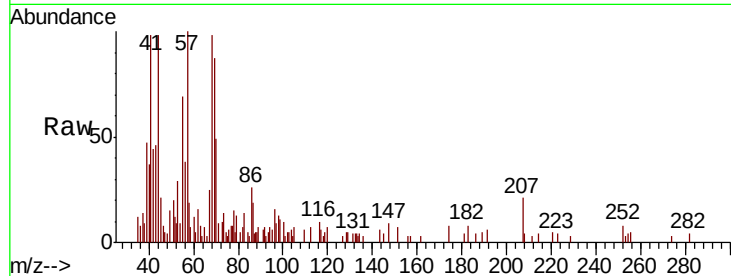




#49
1,4-Dioxane
Concen: 1.721 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

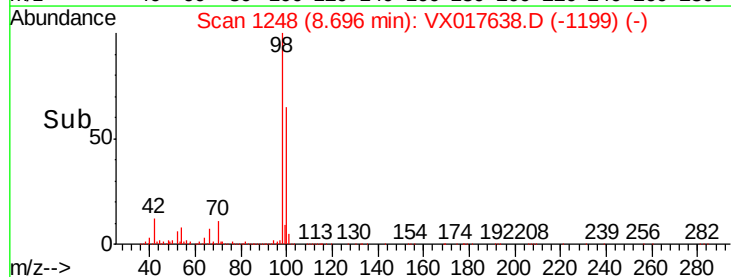
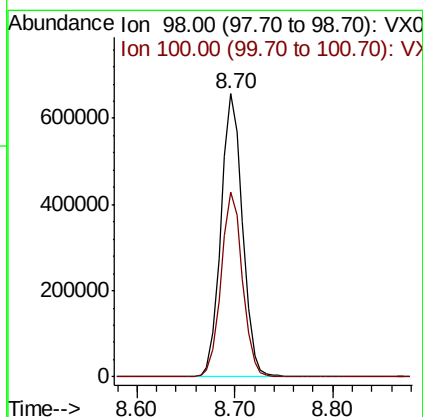
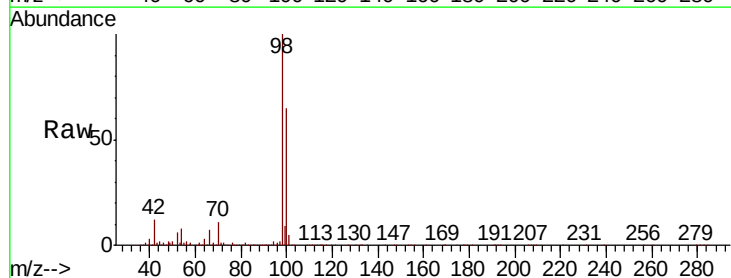
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

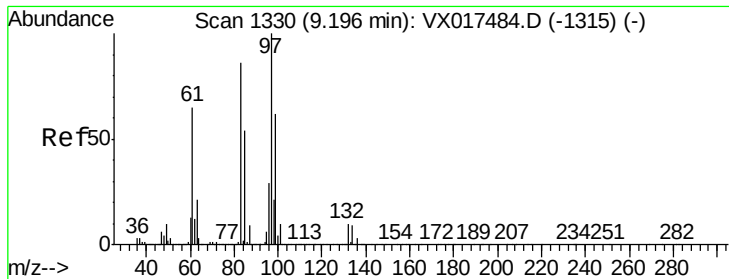
Tot Ion	88	Resp	225
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	0.0	58.3	87.5#



#50
Toluene-d8
Concen: 52.299 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion	98	Resp	1002718
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5

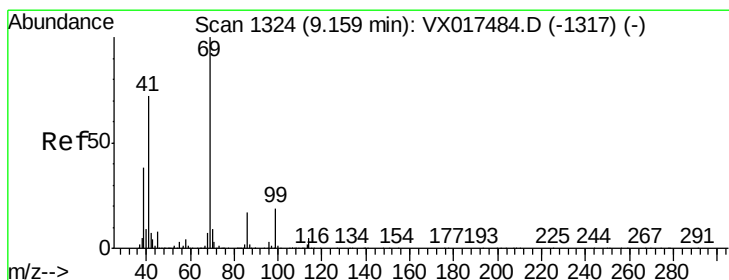
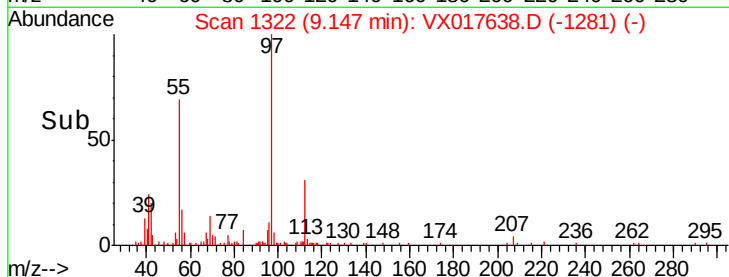
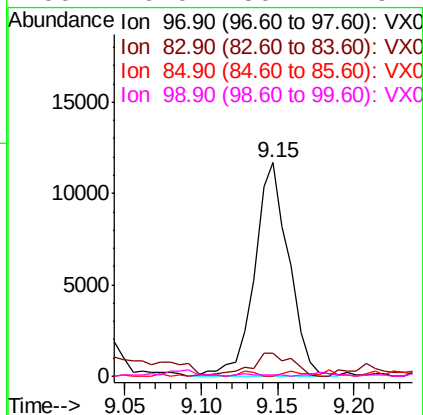
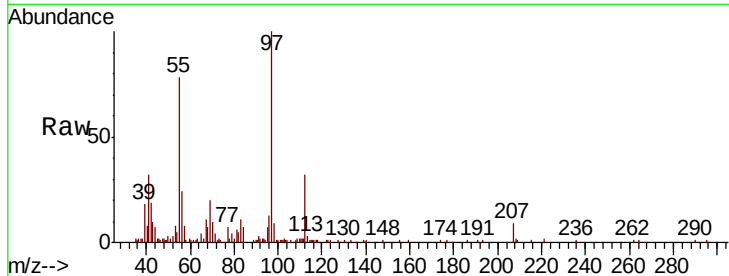




#55
 1,1,2-Trichloroethane
 Concen: 3.121 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

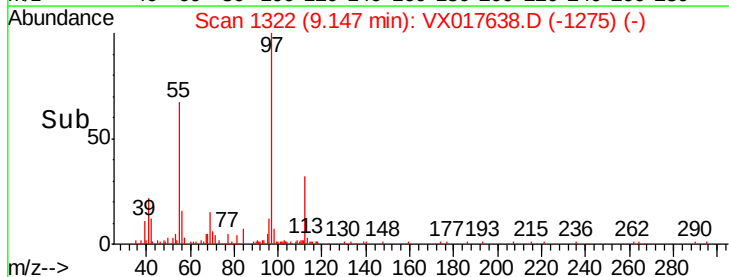
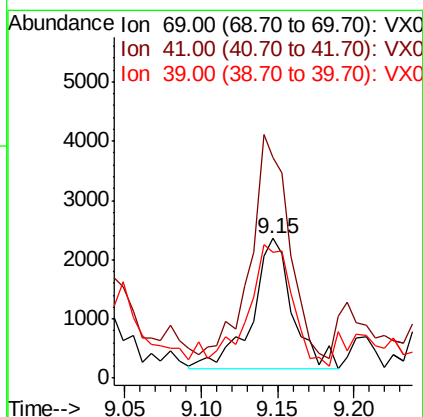
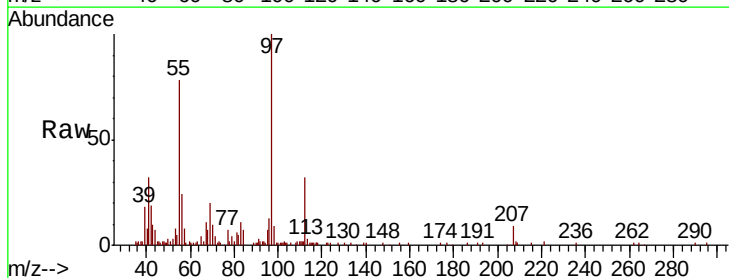
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

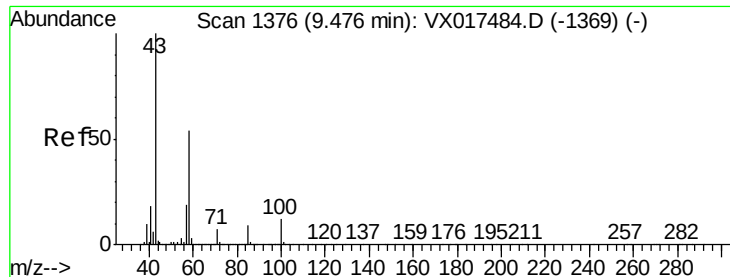
Tot Ion:	97	Resp:	18218
Ion	Ratio	Lower	Upper
97	100		
83	8.0	67.6	101.4#
85	0.0	44.6	67.0#
99	0.0	50.2	75.4#



#56
 Ethyl methacrylate
 Concen: 0.459 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

Tgt Ion:	69	Resp:	4039
Ion	Ratio	Lower	Upper
69	100		
41	161.9	55.0	82.6#
39	98.8	30.0	45.0#

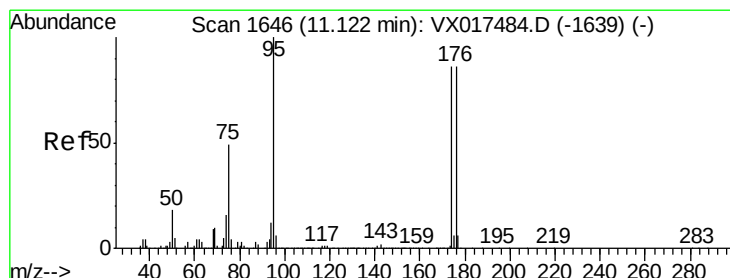
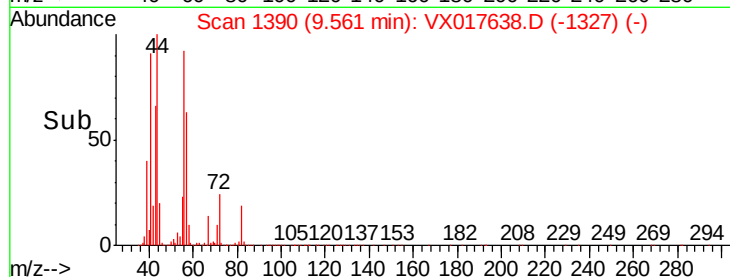
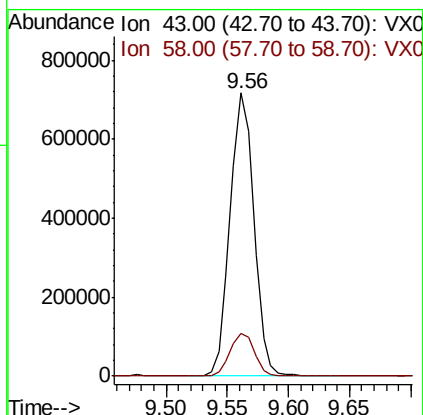
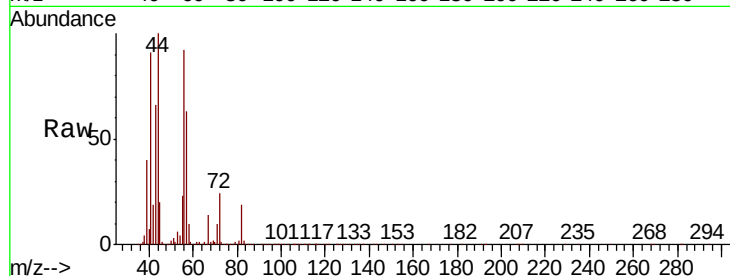




#59
2-Hexanone
Concen: 156.480 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.09 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

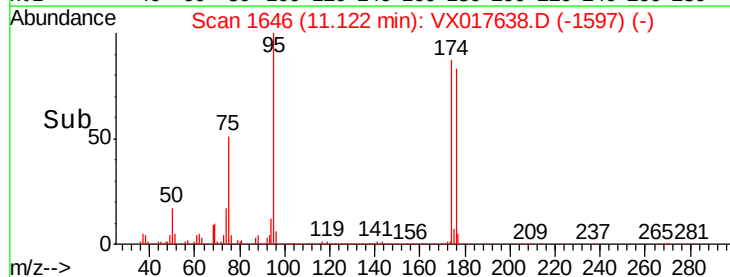
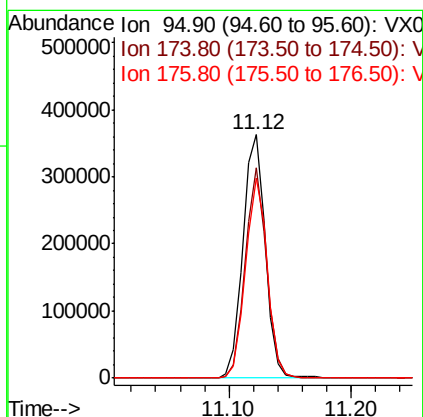
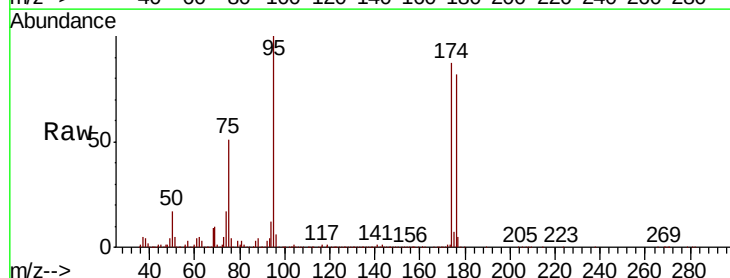
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

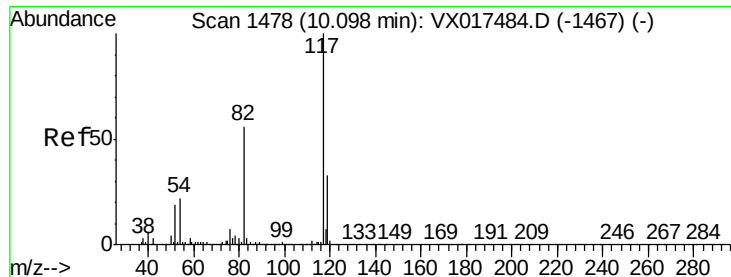
Tot Ion: 43 Resp: 967176
Ion Ratio Lower Upper
43 100
58 15.6 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 59.541 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion: 95 Resp: 456860
Ion Ratio Lower Upper
95 100
174 83.1 0.0 169.0
176 80.3 0.0 161.0

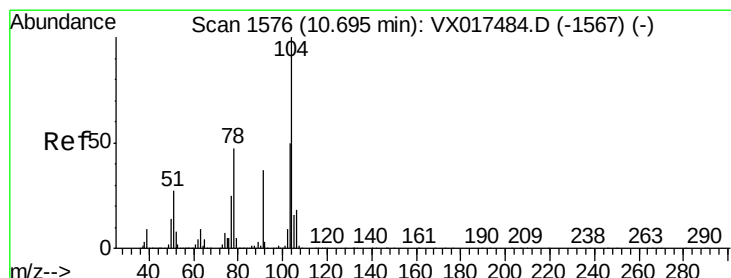
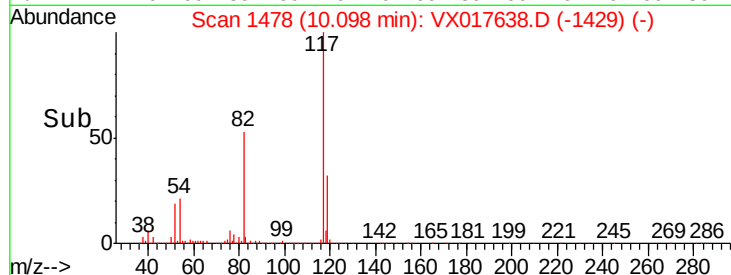
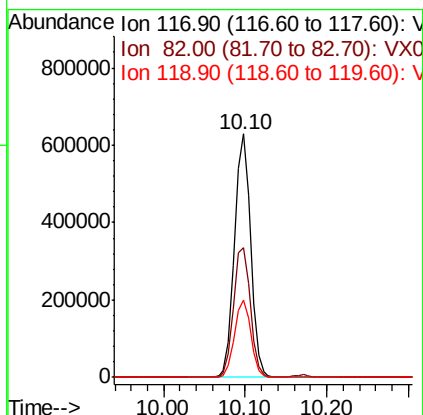
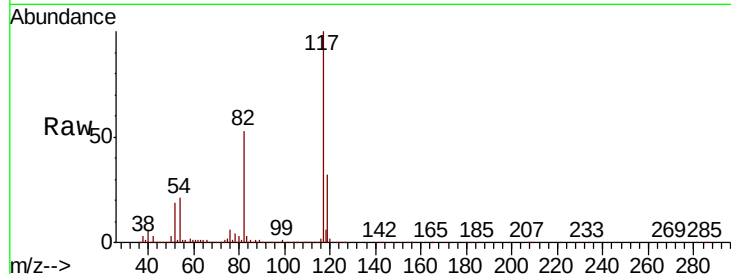




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

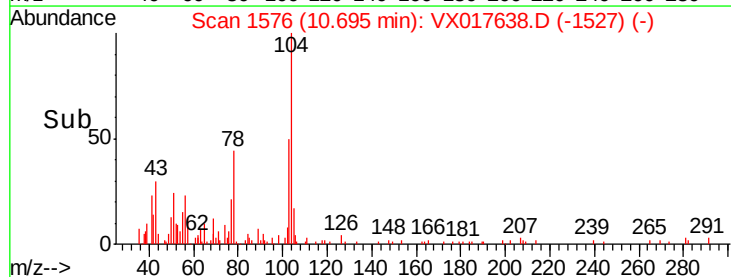
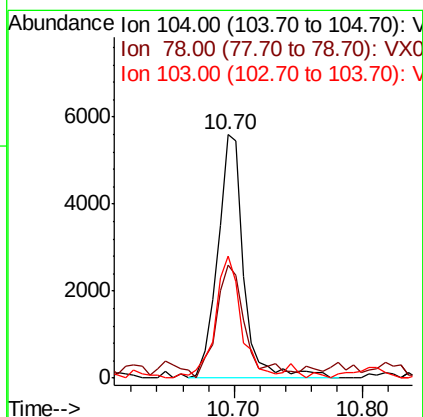
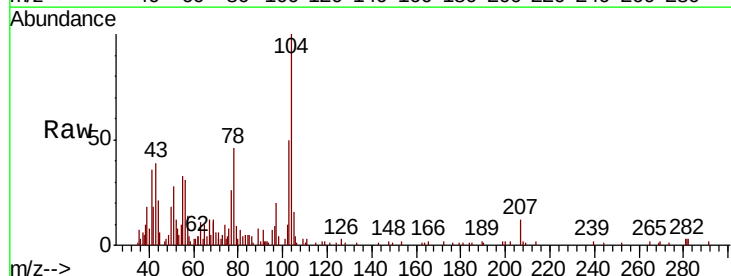
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

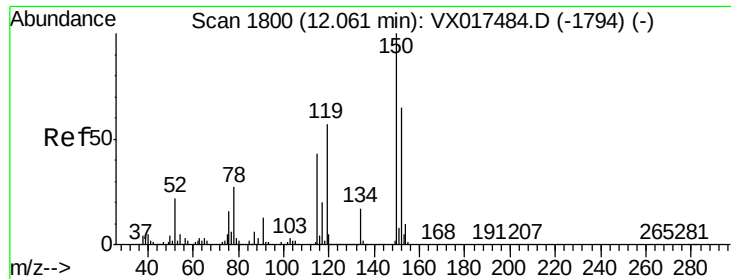
Tot Ion:117 Resp: 847208
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 31.7 25.4 38.0



#70
Styrene
Concen: 0.413 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion:104 Resp: 8015
Ion Ratio Lower Upper
104 100
78 52.1 42.5 63.7
103 49.7 44.3 66.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

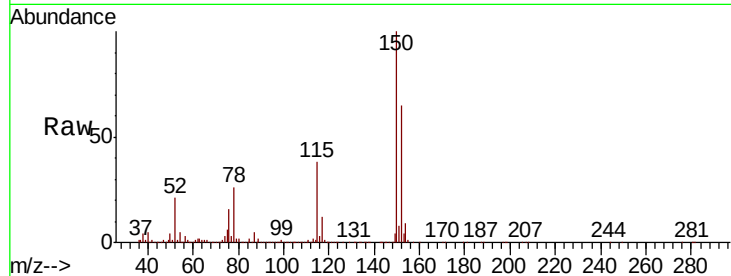
Tot Ion:152 Resp: 477054

Ion Ratio Lower Upper

152 100

115 58.5 65.5 196.6#

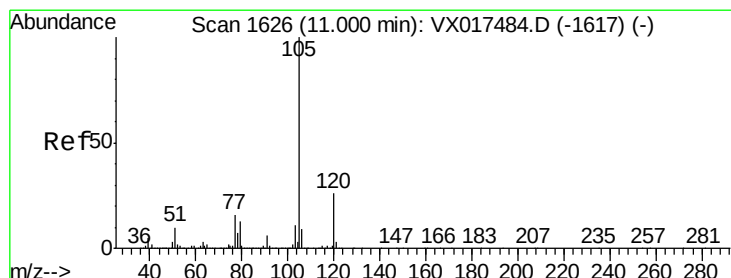
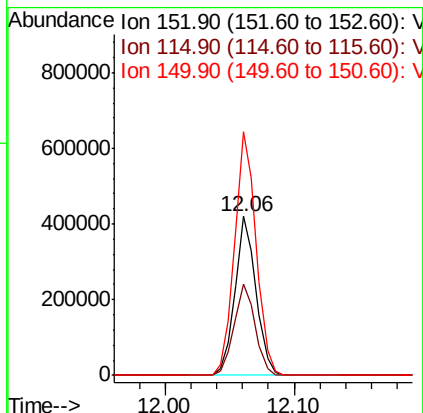
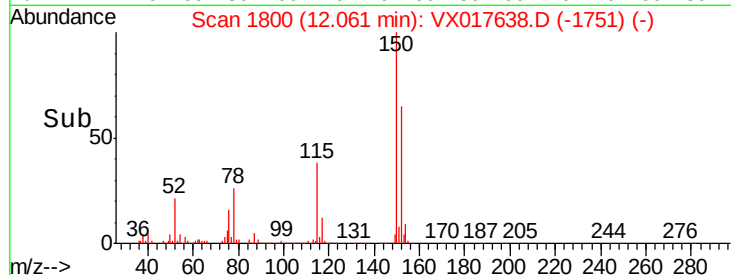
150 158.1 0.0 412.6



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



#73

Isopropylbenzene

Concen: 0.730 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017638.D

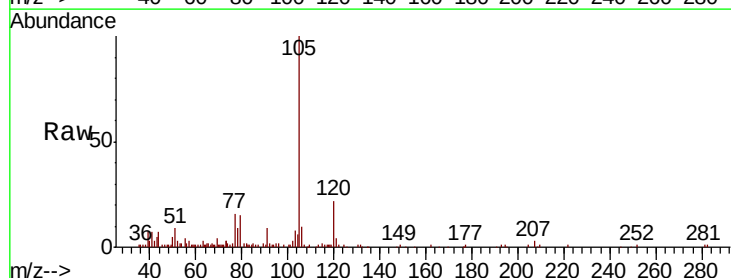
Acq: 27 Jul 2020 23:29

Tgt Ion:105 Resp: 23894

Ion Ratio Lower Upper

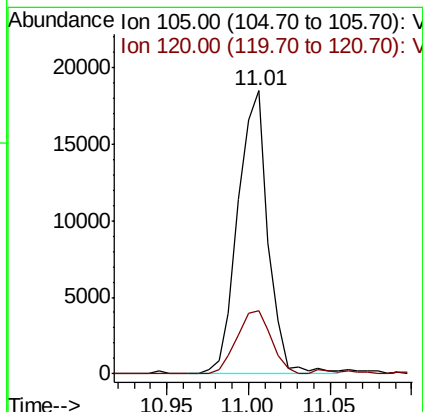
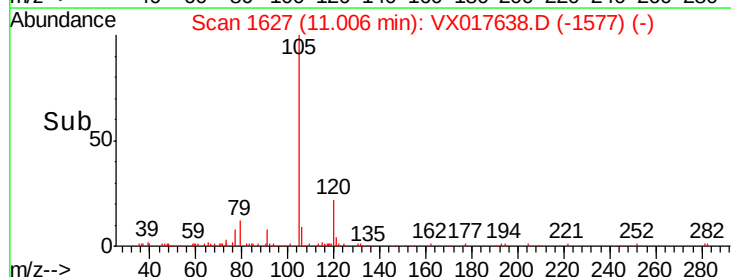
105 100

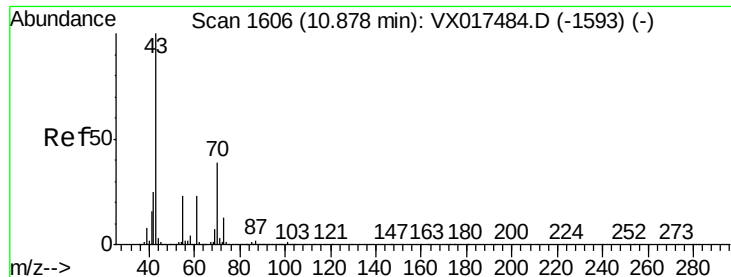
120 25.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

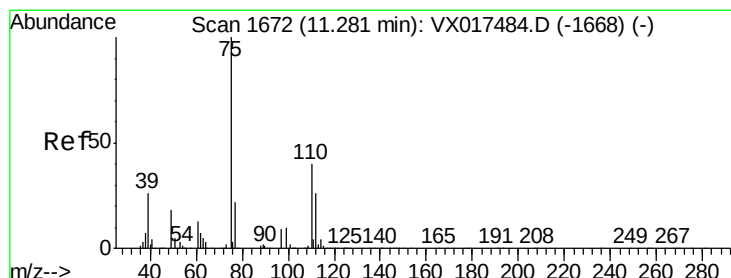
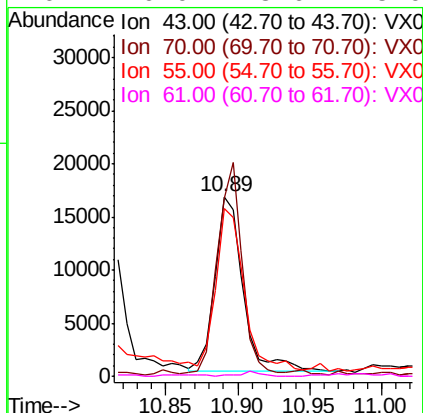
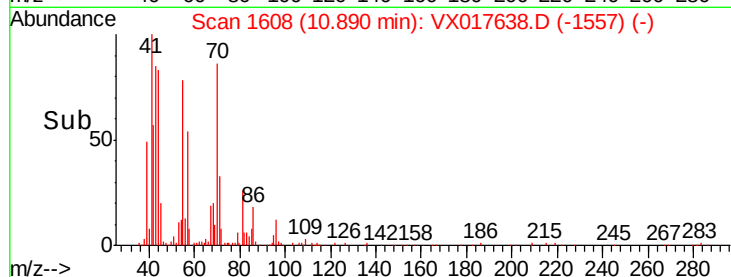
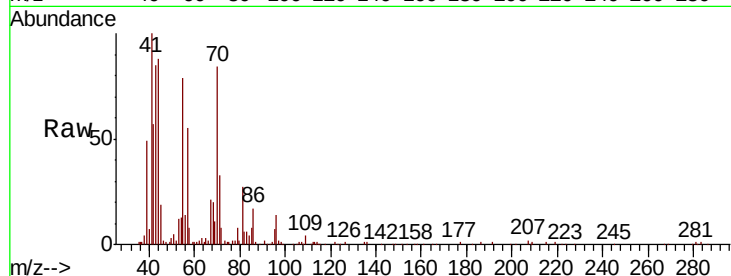




#74
N-amvl acetate
Concen: 1.533 ug/l
RT: 10.89 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

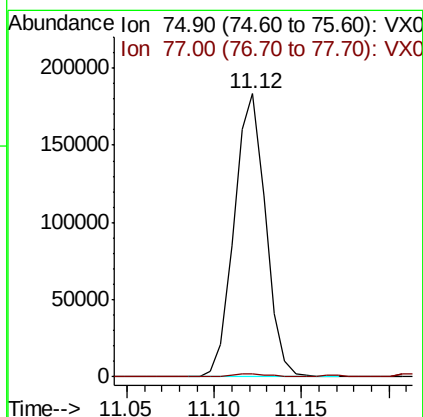
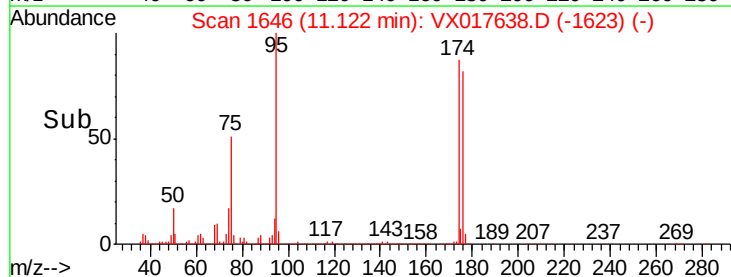
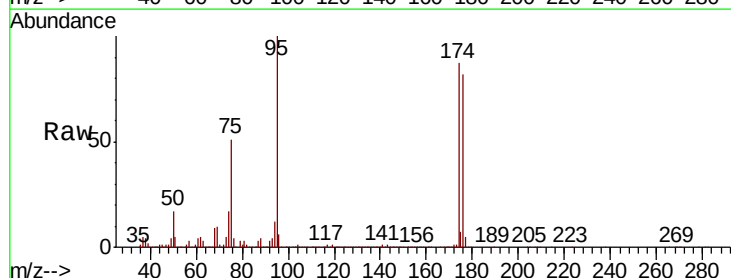
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

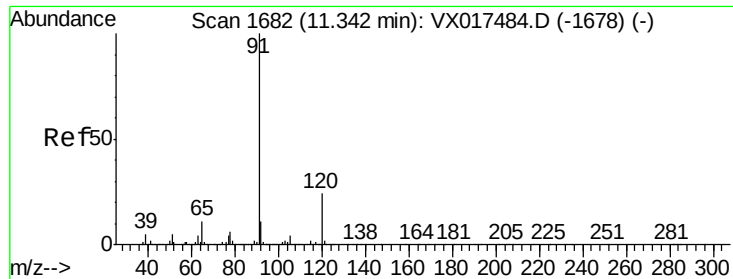
Tot Ion: 43 Resp: 22292
Ion Ratio Lower Upper
43 100
70 107.0 32.3 48.5#
55 94.4 18.4 27.6#
61 0.0 18.6 28.0#



#76
1,2,3-Trichloropropane
Concen: 23.356 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion: 75 Resp: 229199
Ion Ratio Lower Upper
75 100
77 1.0 21.8 65.3#





#78

n-propylbenzene

Concen: 2.025 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

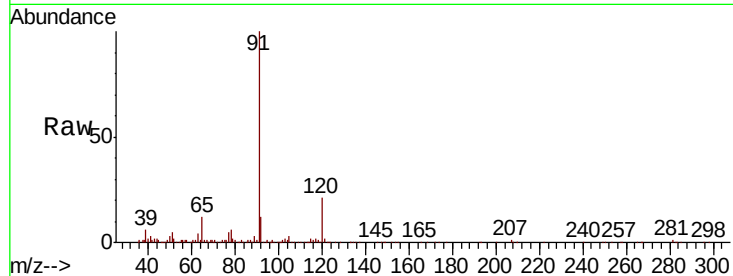
GROUNDWATER

Tot Ion: 91 Resp: 74731

Ion Ratio Lower Upper

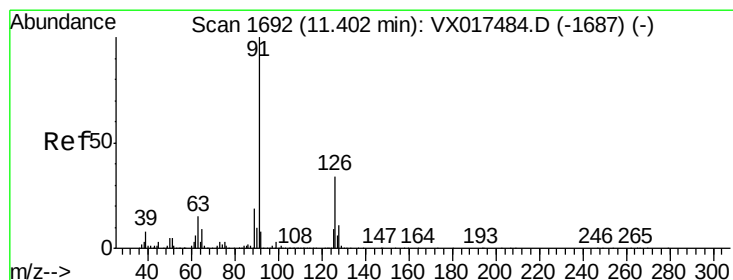
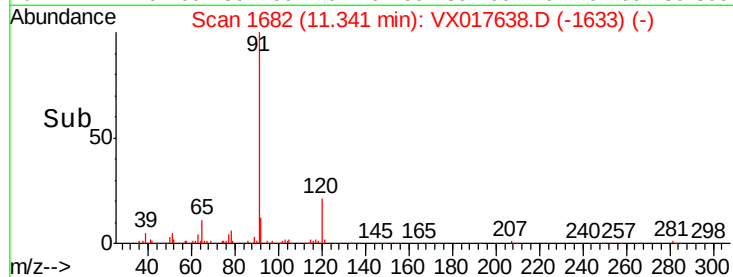
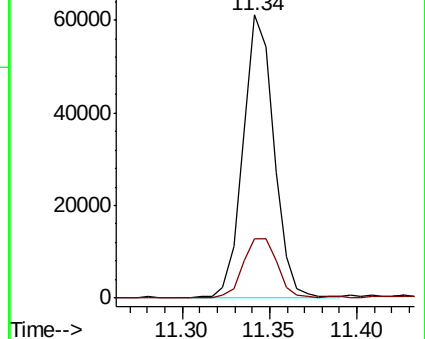
91 100

120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.268 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.06 min

Lab File: VX017638.D

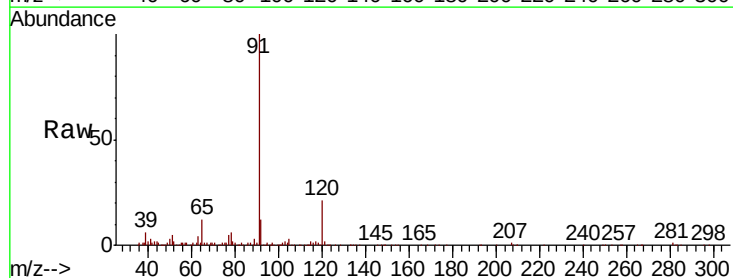
Acq: 27 Jul 2020 23:29

Tgt Ion: 91 Resp: 74731

Ion Ratio Lower Upper

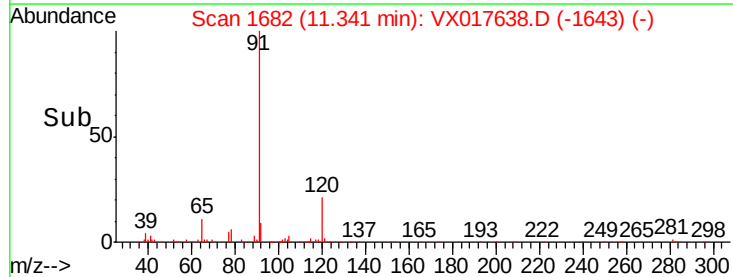
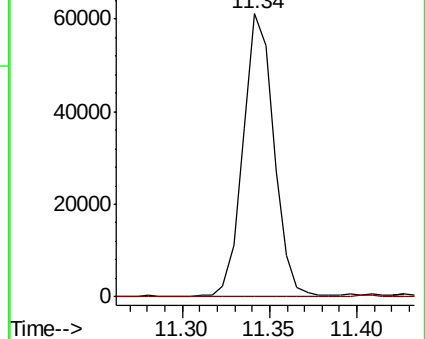
91 100

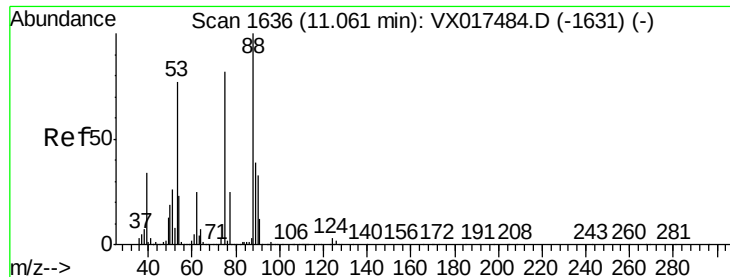
126 0.2 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 58.852 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

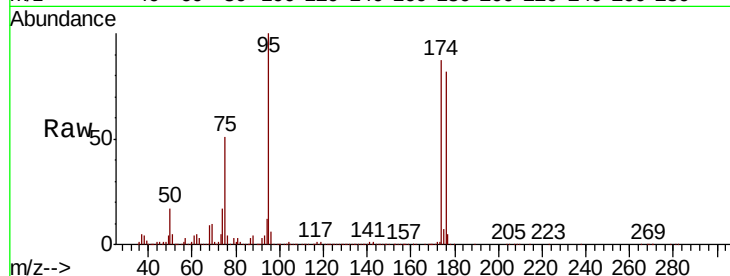
Tot Ion: 75 Resp: 229199

Ion Ratio Lower Upper

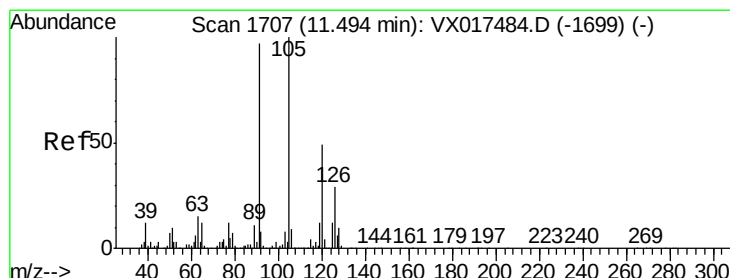
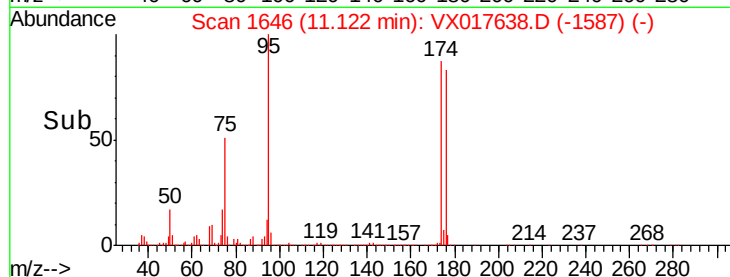
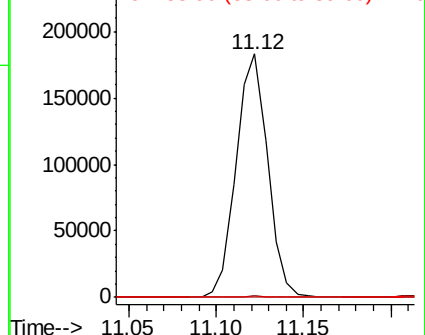
75 100

53 0.2 75.9 113.9#

89 0.1 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: 2.771 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.15 min

Lab File: VX017638.D

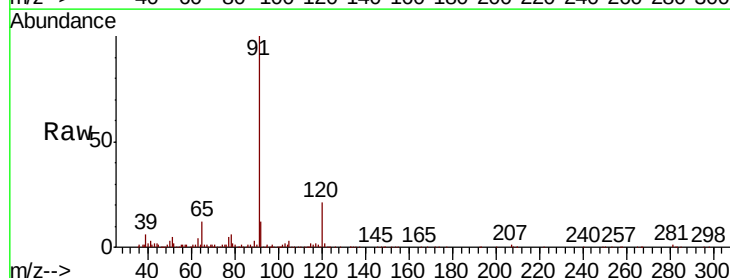
Acq: 27 Jul 2020 23:29

Tgt Ion: 91 Resp: 74731

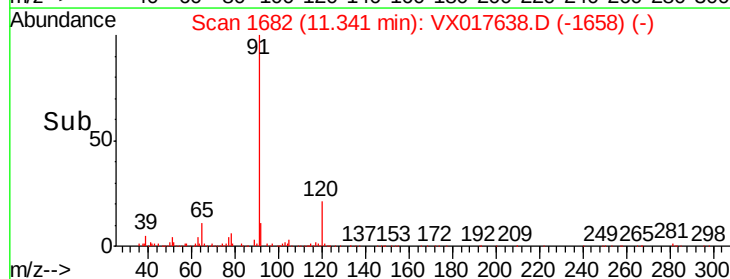
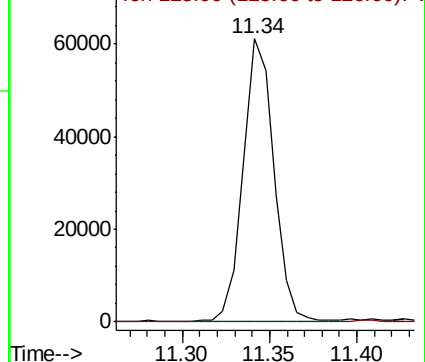
Ion Ratio Lower Upper

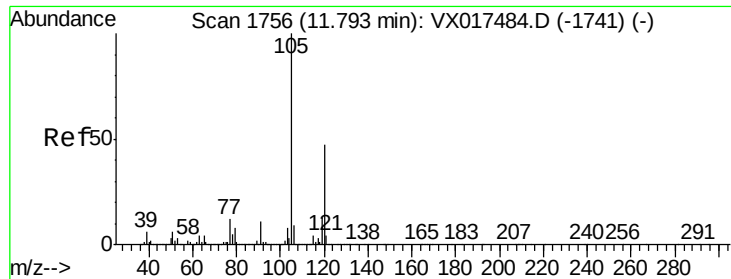
91 100

126 0.2 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

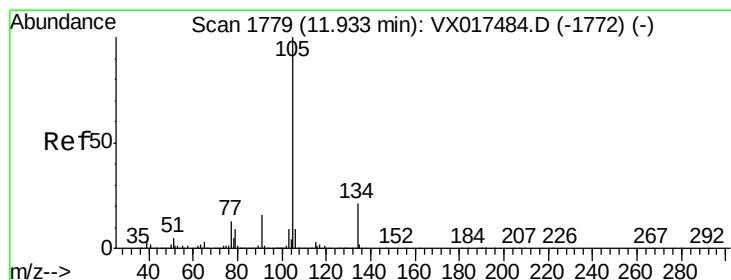
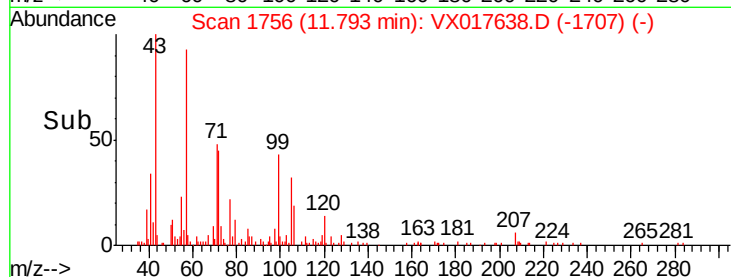
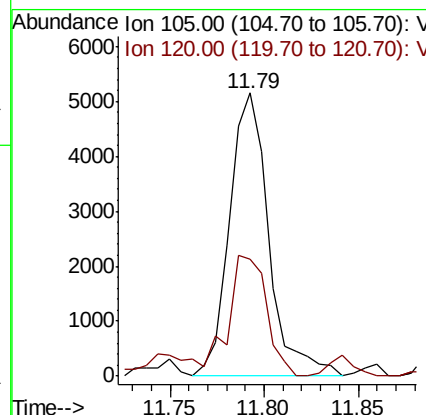
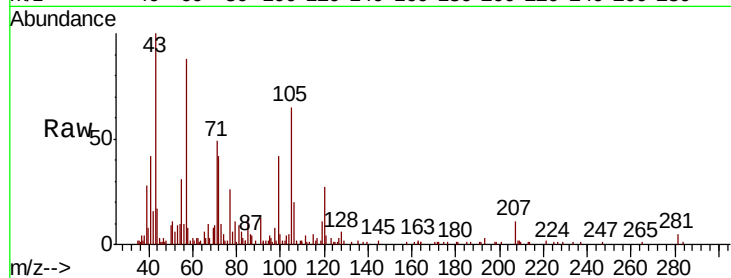




#84
 1,2,4-Trimethylbenzene
 Concen: 0.268 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

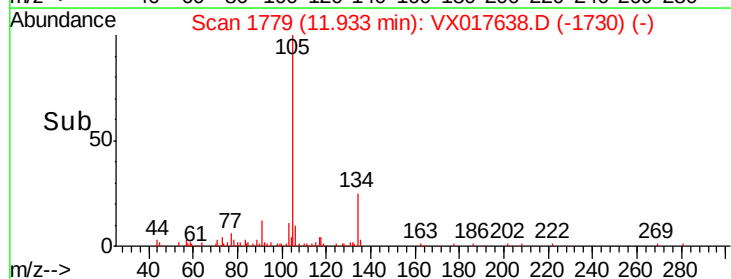
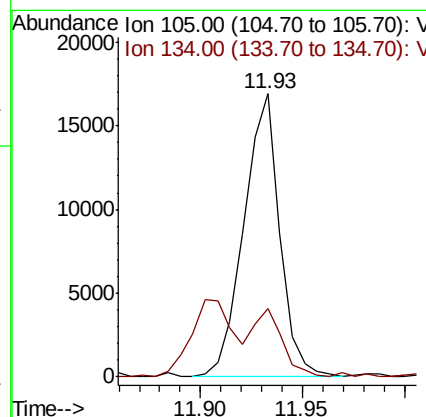
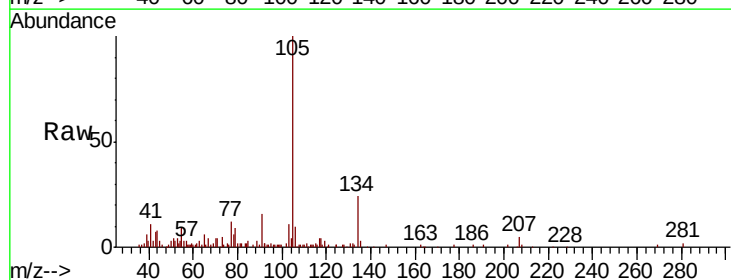
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

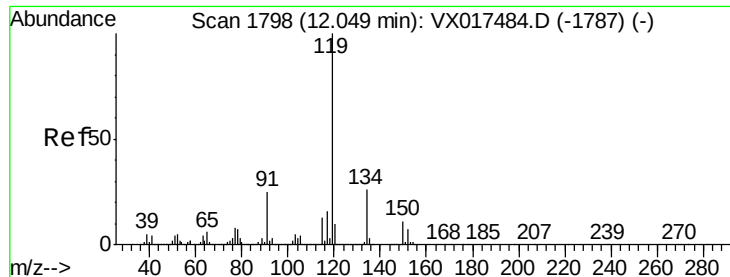
Tot Ion:105 Resp: 7446
 Ion Ratio Lower Upper
 105 100
 120 41.0 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 0.664 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017638.D
 Acq: 27 Jul 2020 23:29

Tgt Ion:105 Resp: 20695
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2

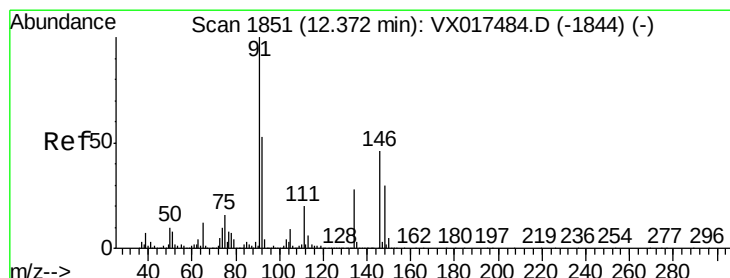
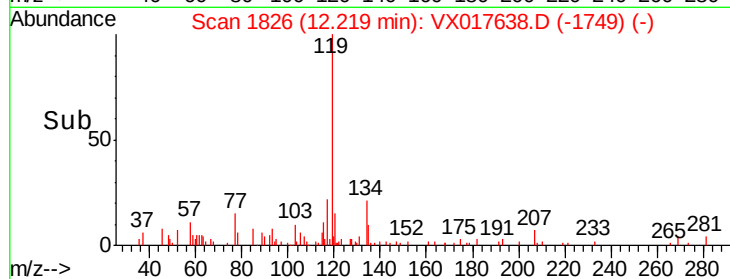
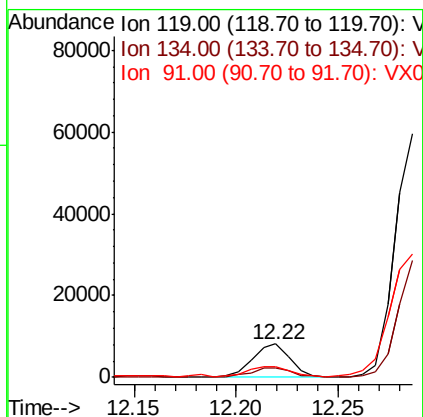
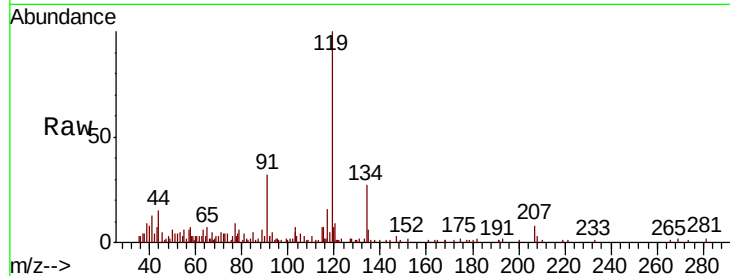




#86
p-Isopropyltoluene
Concen: 0.341 ug/l
RT: 12.22 min Scan# 1826
Delta R.T. 0.17 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

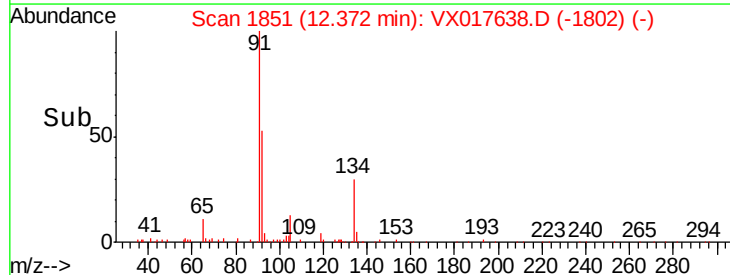
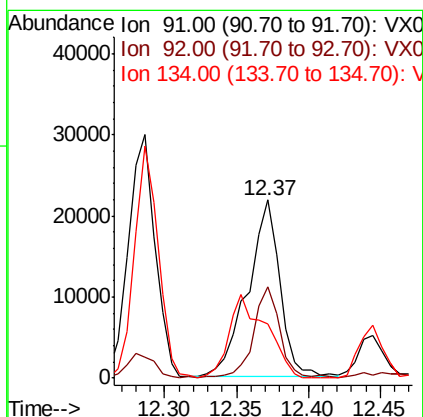
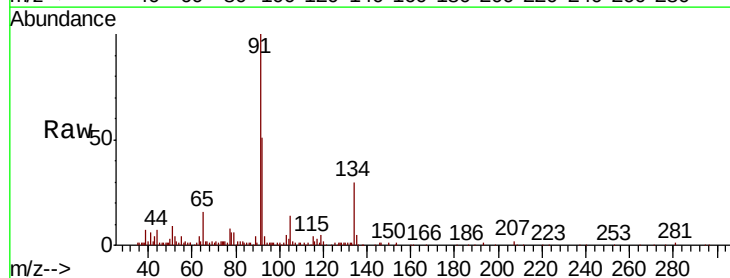
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

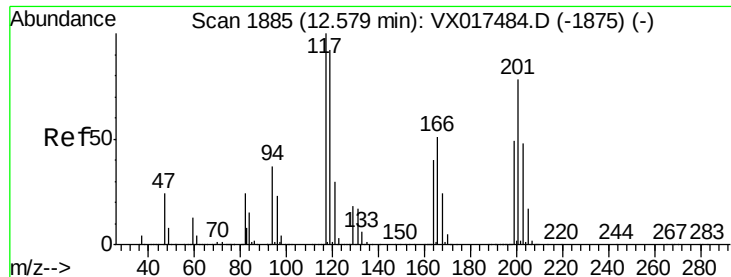
Tot Ion	Ratio	Lower	Upper
119	100		
134	31.8	13.1	39.3
91	32.8	12.1	36.3



#89
n-Butylbenzene
Concen: 1.295 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017638.D
Acq: 27 Jul 2020 23:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.5	26.7	80.1
134	54.3	13.6	40.7





#90

Hexachloroethane

Concen: 2.536 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampled :

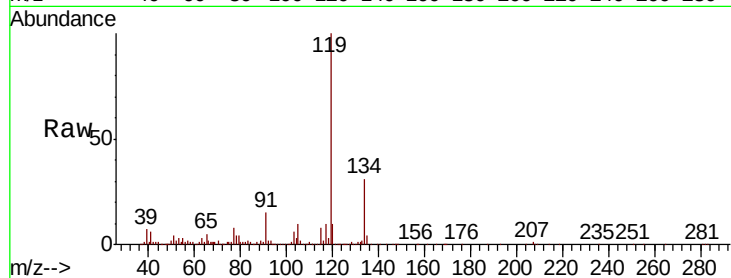
GROUNDWATER

Tot Ion:117 Resp: 14830

Ion Ratio Lower Upper

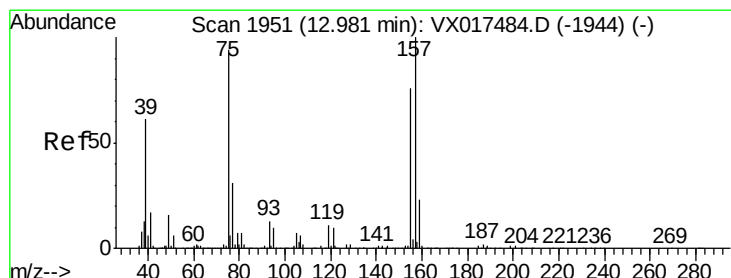
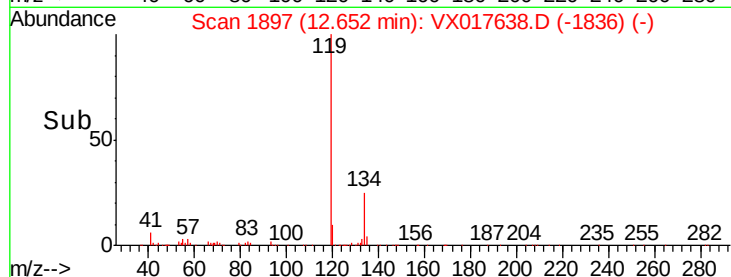
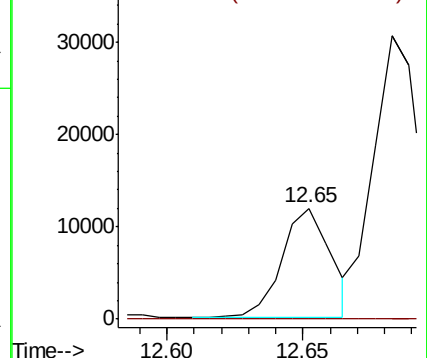
117 100

201 0.0 42.2 126.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.310 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

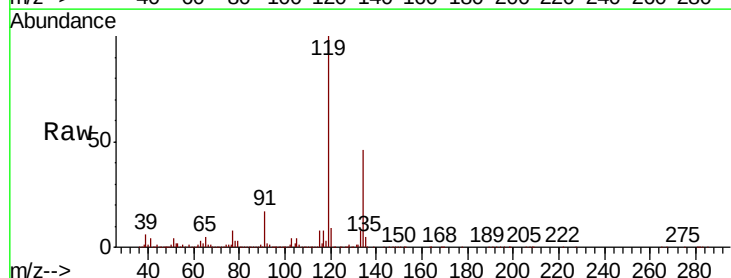
Tgt Ion: 75 Resp: 2233

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

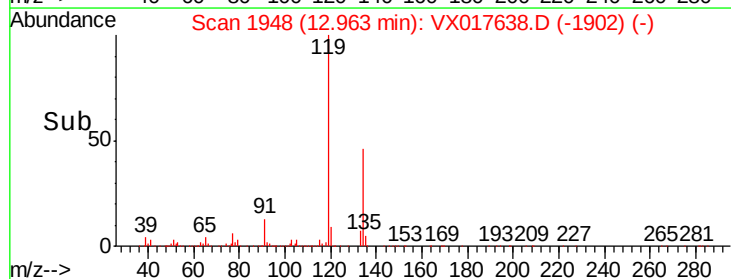
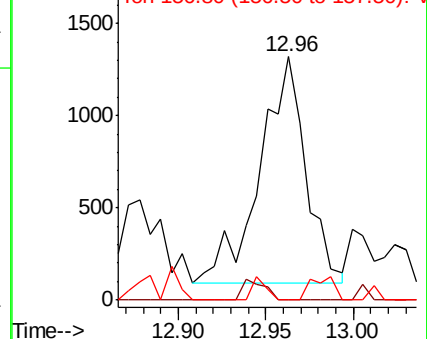
157 0.0 54.3 162.9#

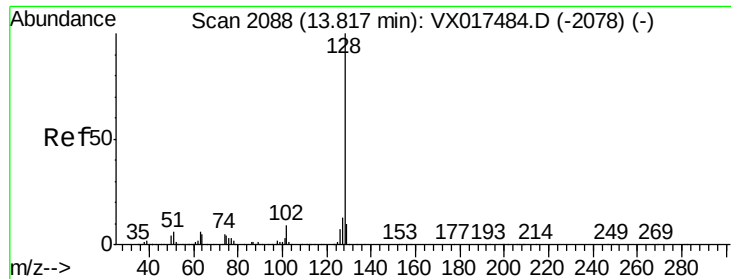


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 16.313 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017638.D

Acq: 27 Jul 2020 23:29

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

Tot Ion:128 Resp: 513935

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.7 8.9 13.3

