

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017769.D
 Acq On : 04 Aug 2020 14:39
 Operator : JC/SP
 Sample : L3556-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 05 01:48:25 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	589985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	866607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411016	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	381639	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	301505	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
50) Toluene-d8	8.70	98	1027200	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.12	95	393154	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	

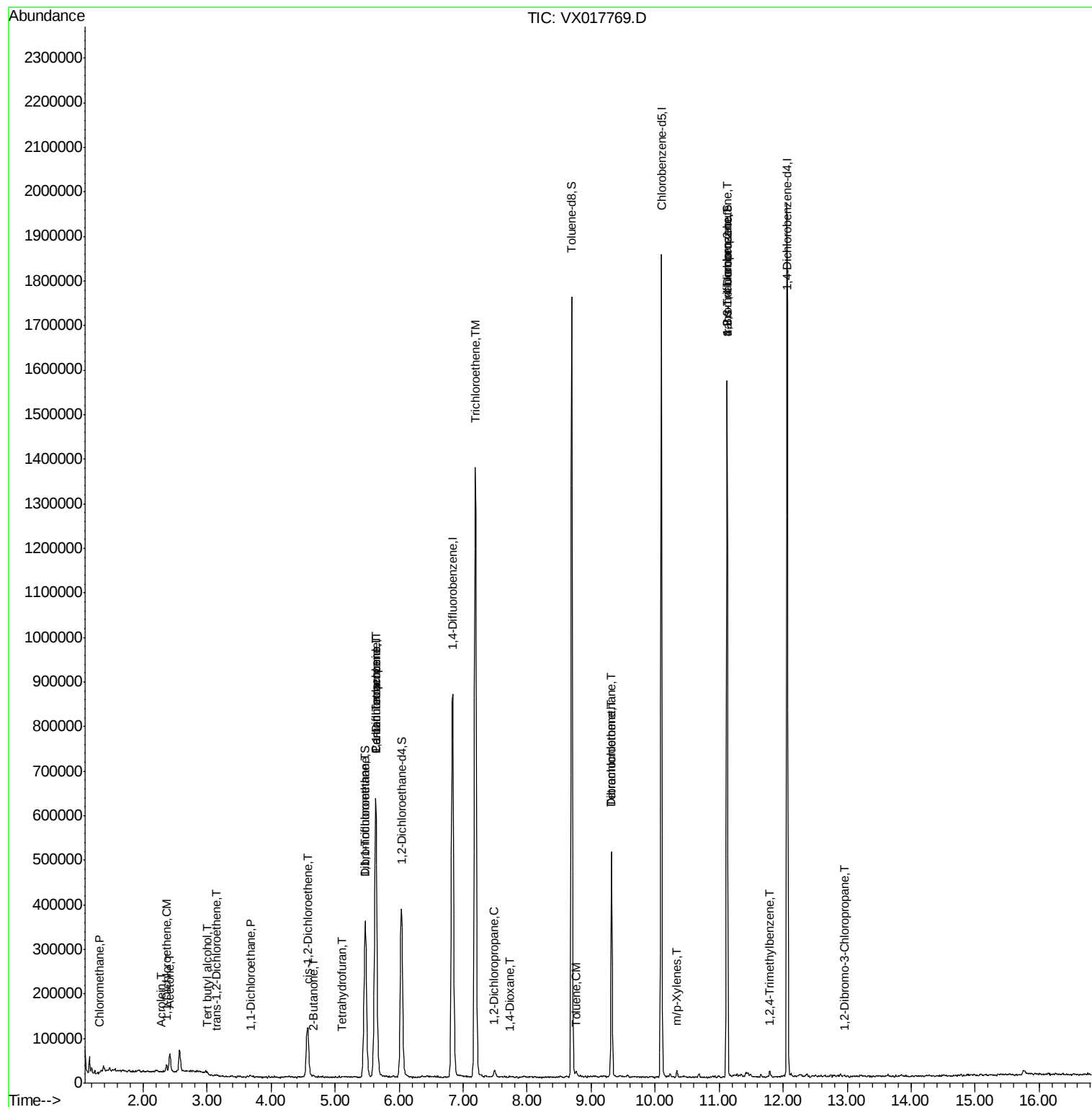
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	249	Below Cal	#	42
3) Chloromethane	1.31	50	1764	0.607	ug/l	91
5) Bromomethane	1.64	94	678	Below Cal	#	79
6) Chloroethane	1.72	64	495	Below Cal	#	1
8) Diethyl Ether	2.23	74	293	Below Cal		79
11) Tert butyl alcohol	3.00	59	773	0.484	ug/l #	1
12) 1,1-Dichloroethene	2.36	96	6593	1.082	ug/l	98
13) Acrolein	2.28	56	1144	5.071	ug/l #	41
16) Acetone	2.42	43	45040	13.503	ug/l	97
20) Methylene Chloride	2.85	84	1195	Below Cal	#	29
21) trans-1,2-Dichloroethene	3.14	96	1731	0.265	ug/l #	27
24) 1,1-Dichloroethane	3.68	63	5423	0.463	ug/l #	91
25) 2-Butanone	4.65	43	2838	0.599	ug/l #	80
27) cis-1,2-Dichloroethene	4.57	96	72936	10.286	ug/l	89
29) Tetrahydrofuran	5.09	42	702	0.239	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	4769	0.422	ug/l #	43
36) 1,1-Dichloropropene	5.63	75	42308	5.090	ug/l #	52
38) Carbon Tetrachloride	5.64	117	61783	6.121	ug/l #	16
44) Trichloroethene	7.19	130	525963	75.528	ug/l	97
45) 1,2-Dichloropropane	7.49	63	6289	0.952	ug/l	93
49) 1,4-Dioxane	7.73	88	315	2.209	ug/l #	1
52) Toluene	8.76	92	3435	0.225	ug/l	98
60) Dibromochloromethane	9.32	129	91956	11.365	ug/l #	11
64) Tetrachloroethene	9.32	164	95465	13.152	ug/l	96
68) m/p-Xylenes	10.34	106	3410	0.301	ug/l	89
76) 1,2,3-Trichloropropane	11.12	75	203547	24.075	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	203547	60.663	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	6580	0.275	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.96	75	507	2.770	ug/l #	8

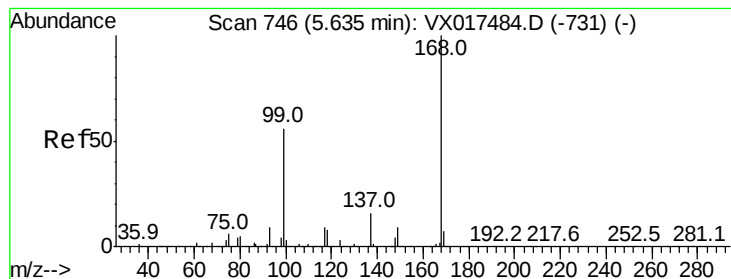
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017769.D

Acq: 04 Aug 2020 14:39

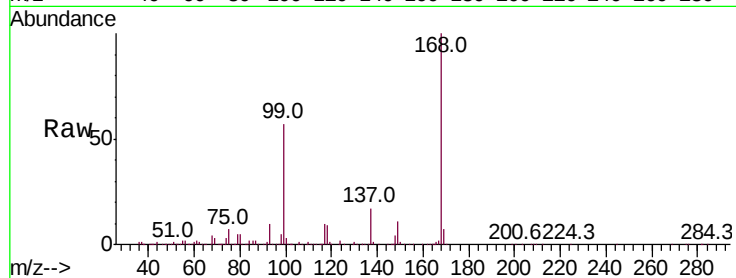
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 589985

Ion Ratio Lower Upper

168 100

99 56.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

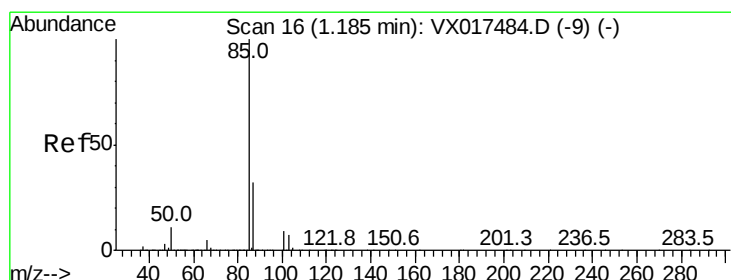
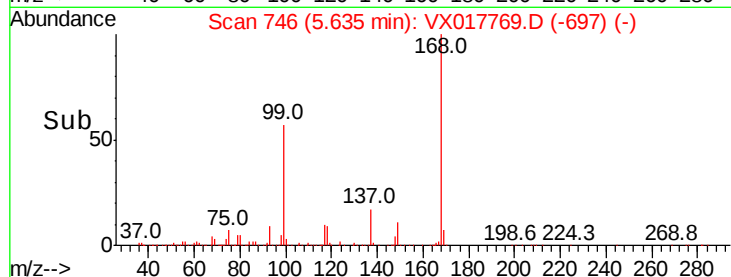
50000

0

5.50 5.60 5.70 5.80

5.64

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX017769.D

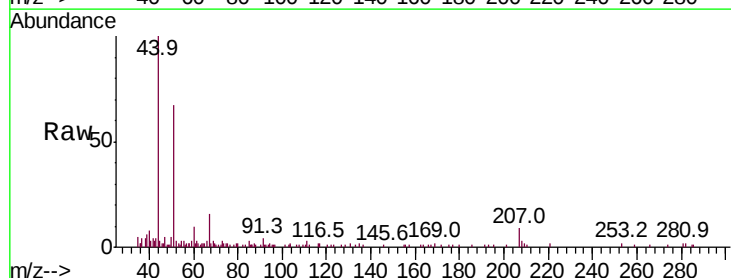
Acq: 04 Aug 2020 14:39

Tgt Ion: 85 Resp: 249

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250

200

150

100

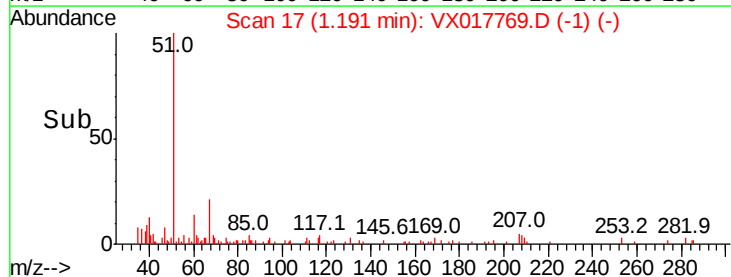
50

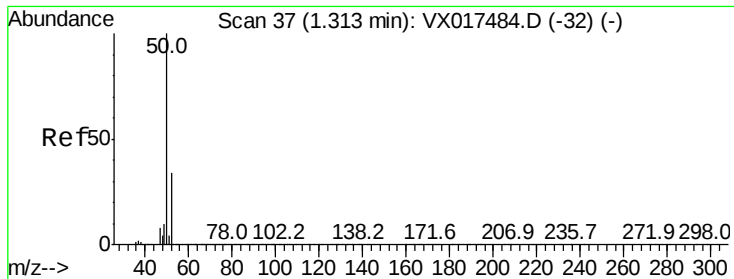
0

1.16 1.18 1.20

1.19

Time-->





#3

Chloromethane

Concen: 0.607 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

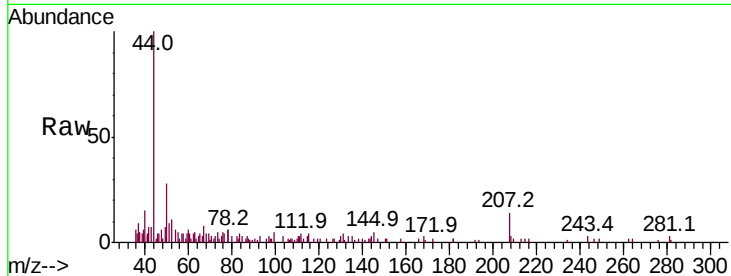
ClientSampled :

Tot Ion: 50 Resp: 1764

Ion Ratio Lower Upper

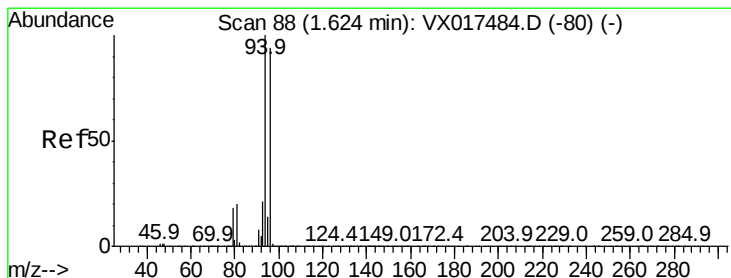
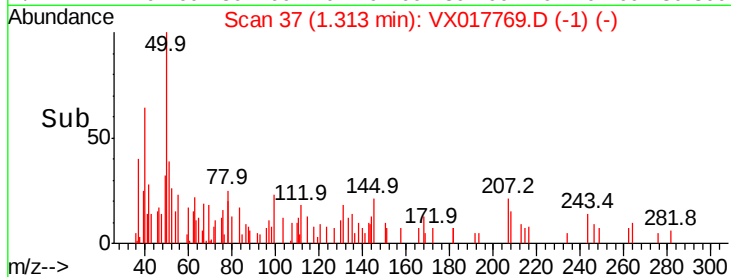
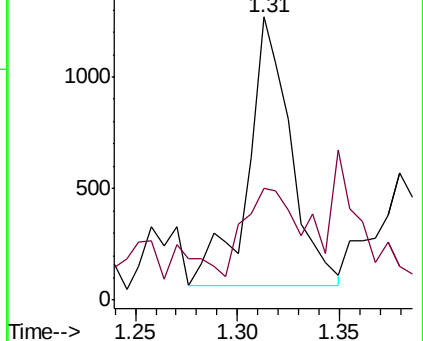
50 100

52 27.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017769.D

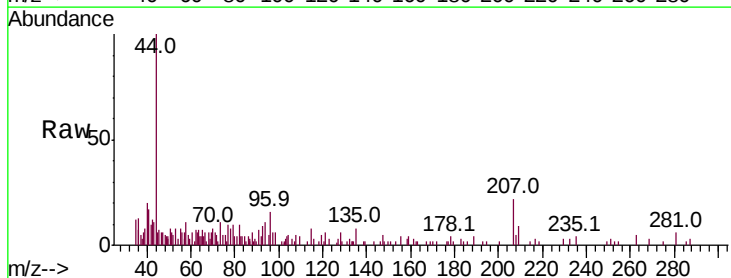
Acq: 04 Aug 2020 14:39

Tgt Ion: 94 Resp: 678

Ion Ratio Lower Upper

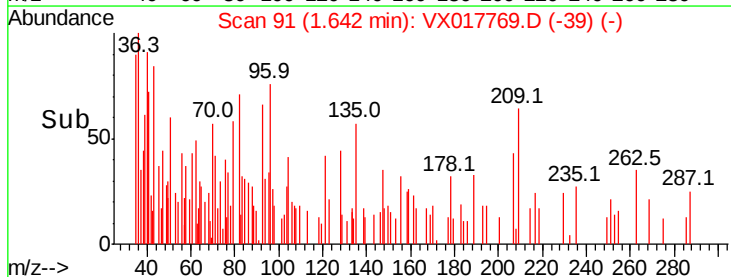
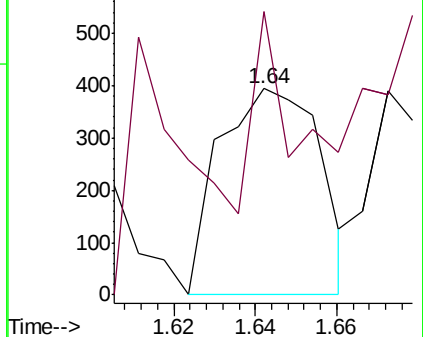
94 100

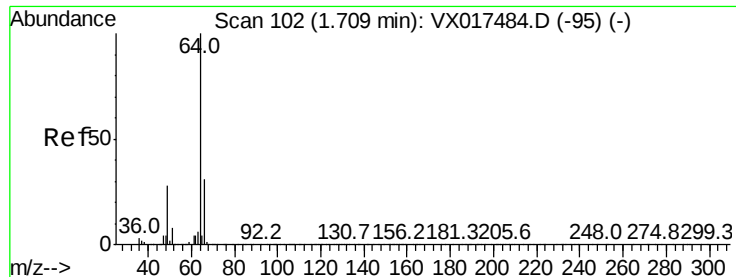
96 72.1 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

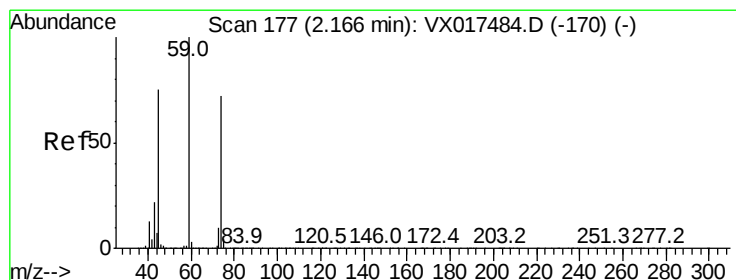
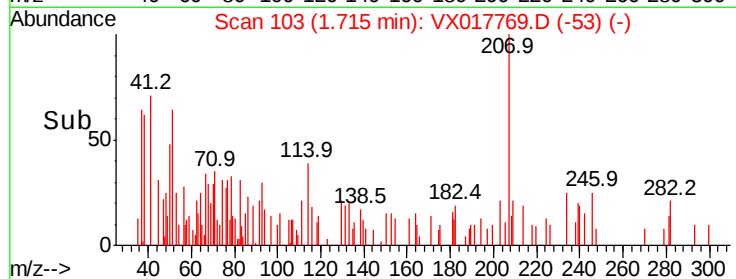
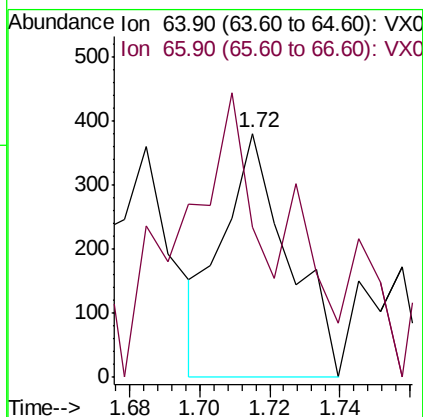
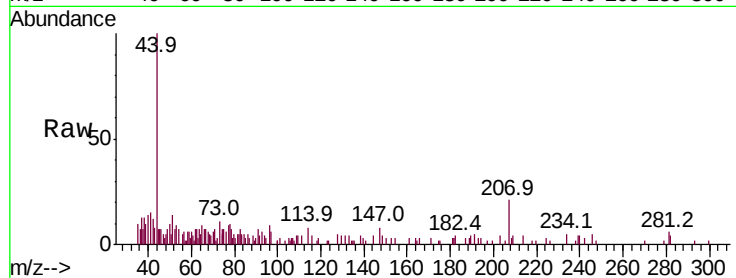
ClientSampled :

Tot Ion: 64 Resp: 495

Ion Ratio Lower Upper

64 100

66 98.9 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.23 min Scan# 187

Delta R.T. 0.06 min

Lab File: VX017769.D

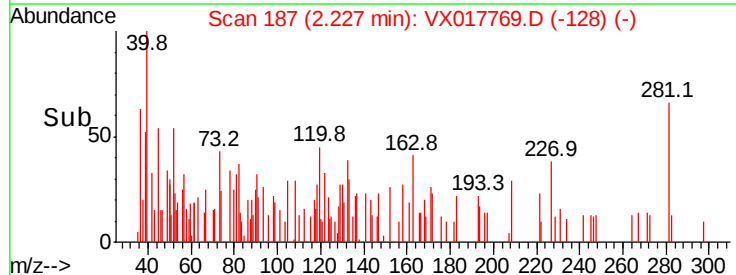
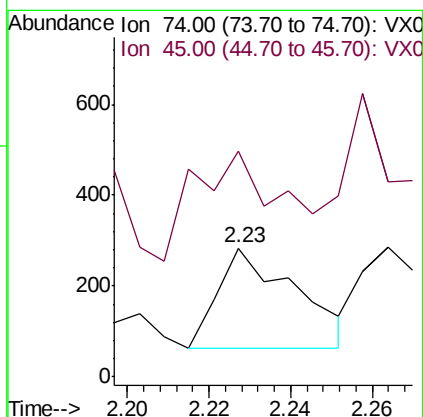
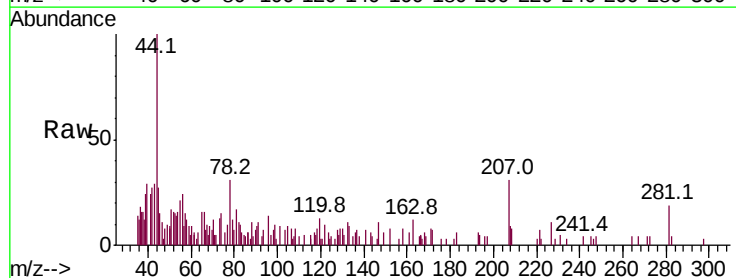
Acq: 04 Aug 2020 14:39

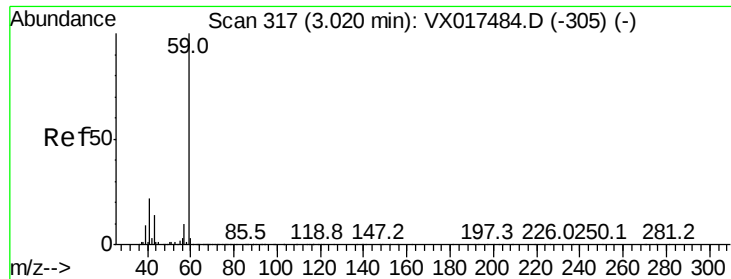
Tgt Ion: 74 Resp: 293

Ion Ratio Lower Upper

74 100

45 122.9 50.8 152.5





#11

Tert butyl alcohol

Concen: 0.484 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

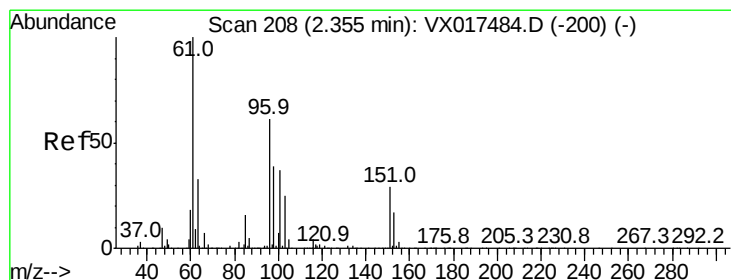
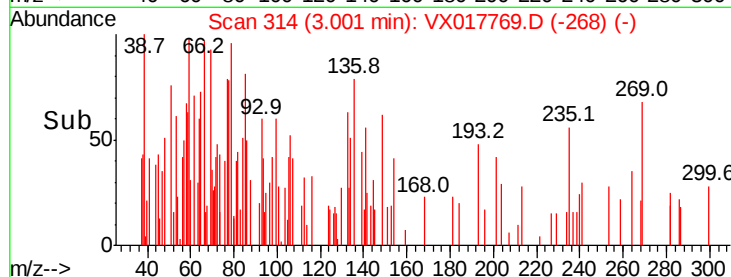
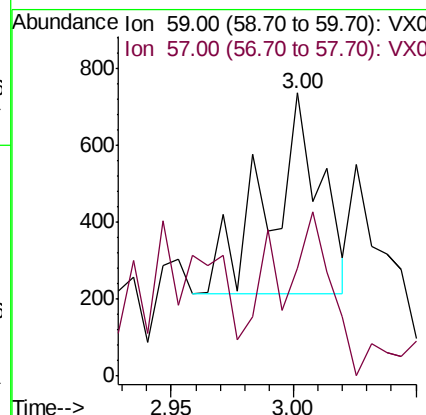
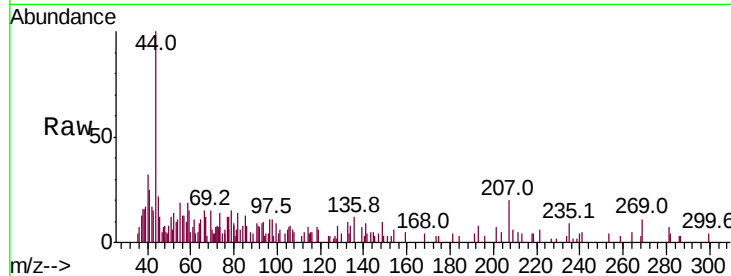
Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 773

Ion	Ratio	Lower	Upper
59	100		
57	53.7	8.6	12.8#



#12

1,1-Dichloroethene

Concen: 1.082 ug/l

RT: 2.36 min Scan# 209

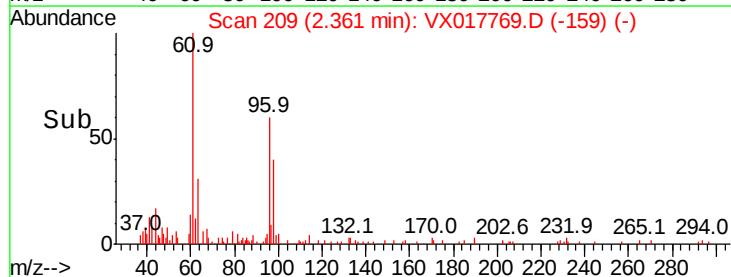
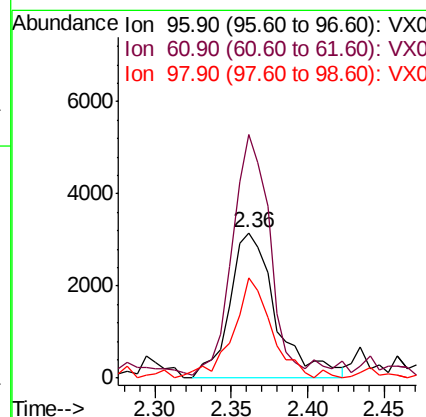
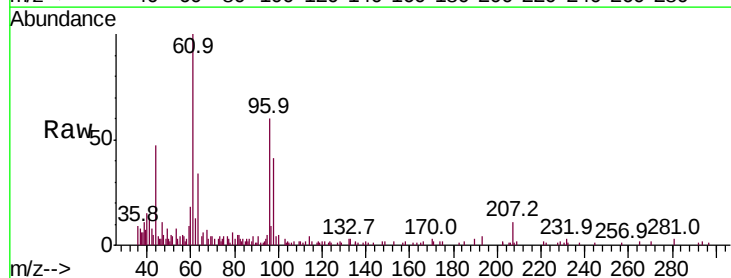
Delta R.T. 0.01 min

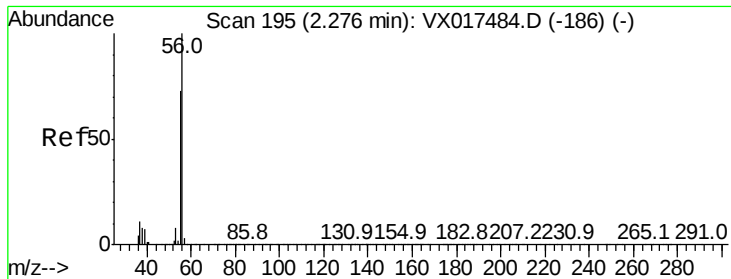
Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Tgt Ion: 96 Resp: 6593

Ion	Ratio	Lower	Upper
96	100		
61	164.8	134.0	201.0
98	64.5	51.0	76.4





#13

Acrolein

Concen: 5.071 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

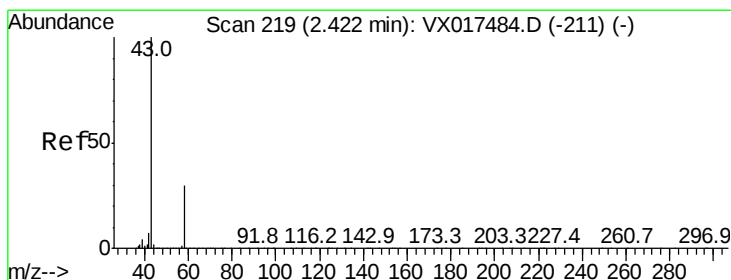
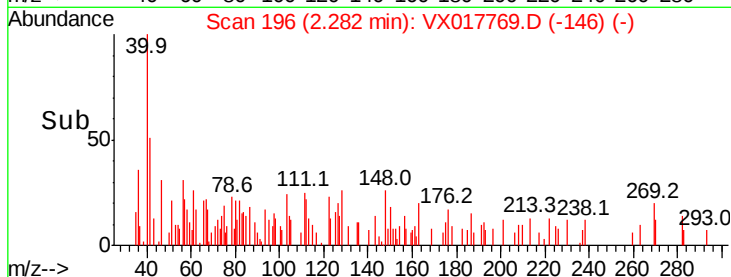
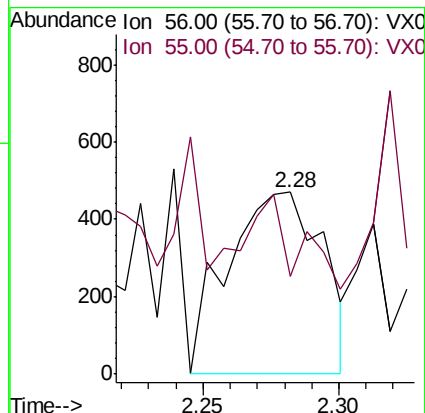
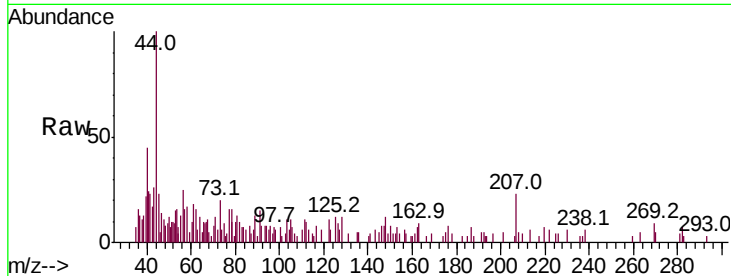
ClientSampleId :

Tot Ion: 56 Resp: 1144

Ion Ratio Lower Upper

56 100

55 22.8 57.4 86.2#



#16

Acetone

Concen: 13.503 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017769.D

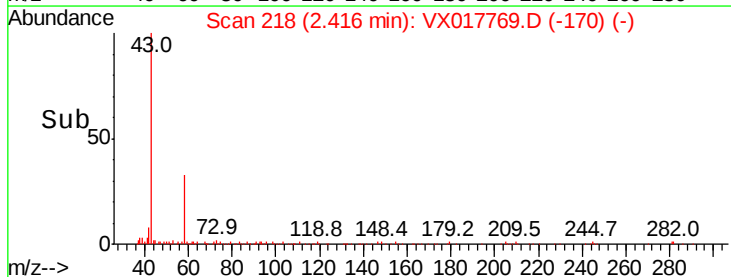
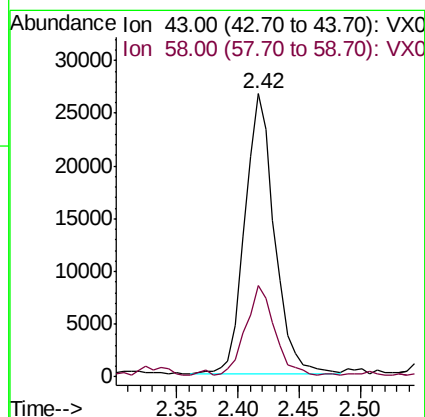
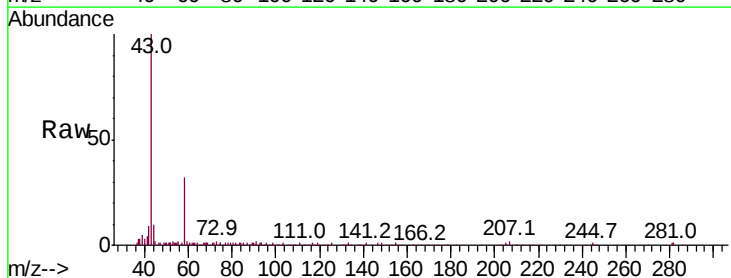
Acq: 04 Aug 2020 14:39

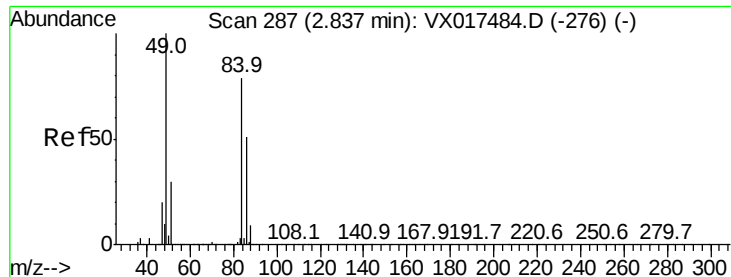
Tgt Ion: 43 Resp: 45040

Ion Ratio Lower Upper

43 100

58 32.1 24.2 36.4

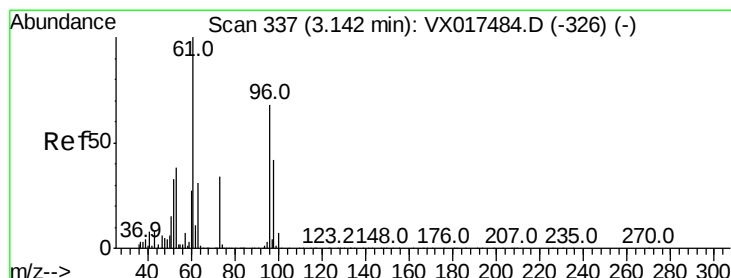
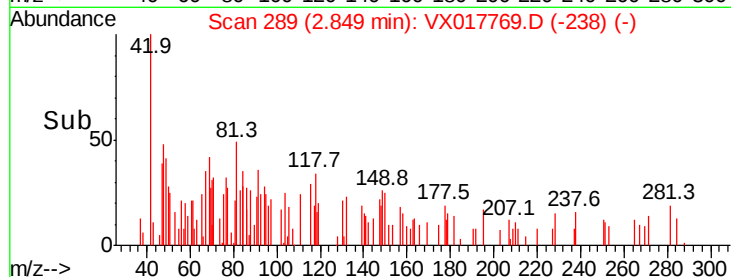
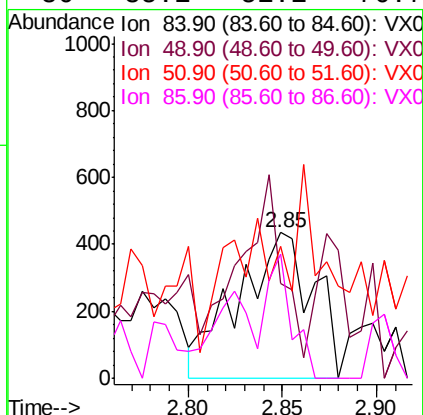
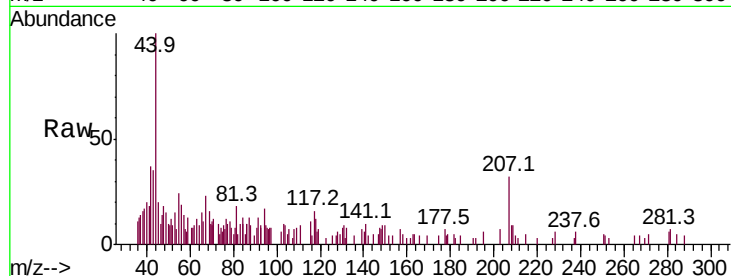




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 289
Delta R.T. 0.01 min
Lab File: VX017769.D
Acq: 04 Aug 2020 14:39

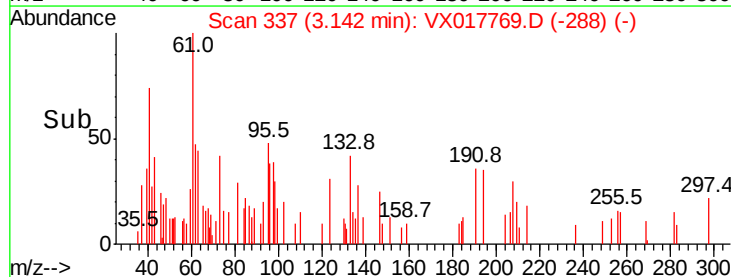
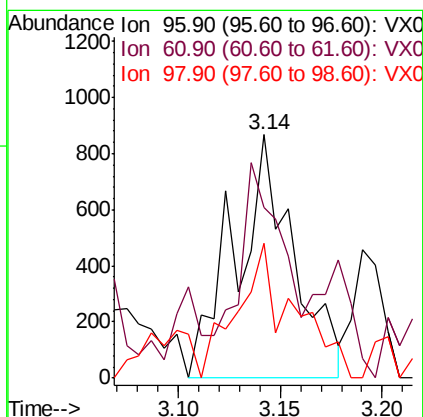
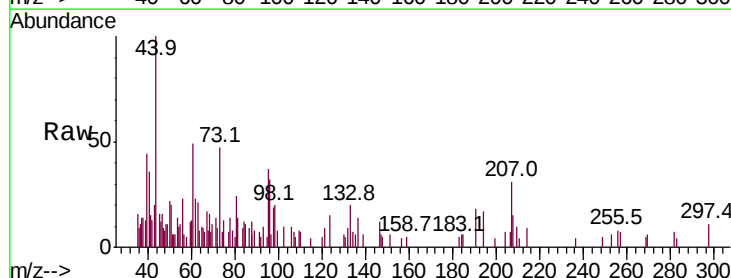
Instrument :
MSVOA_X
ClientSampled :

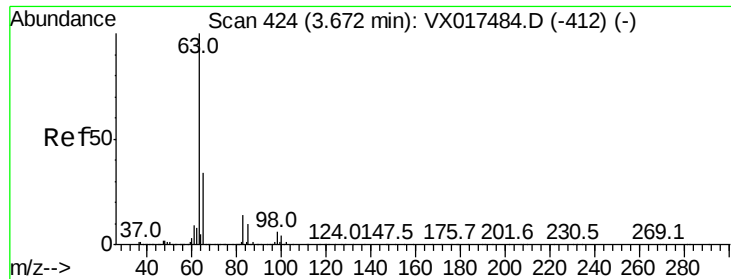
Tot Ion: 84 Resp: 1195
Ion Ratio Lower Upper
84 100
49 0.0 100.3 150.5#
51 27.3 30.5 45.7#
86 85.1 51.1 76.7#



#21
trans-1,2-Dichloroethene
Concen: 0.265 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017769.D
Acq: 04 Aug 2020 14:39

Tgt Ion: 96 Resp: 1731
Ion Ratio Lower Upper
96 100
61 30.3 113.0 169.4#
98 37.4 51.8 77.8#





#24

1,1-Dichloroethane

Concen: 0.463 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

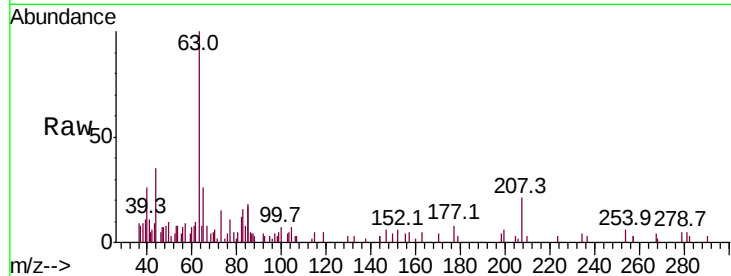
Tot Ion: 63 Resp: 5423

Ion Ratio Lower Upper

63 100

98 3.9 3.4 10.1

100 7.4 1.9 5.7#



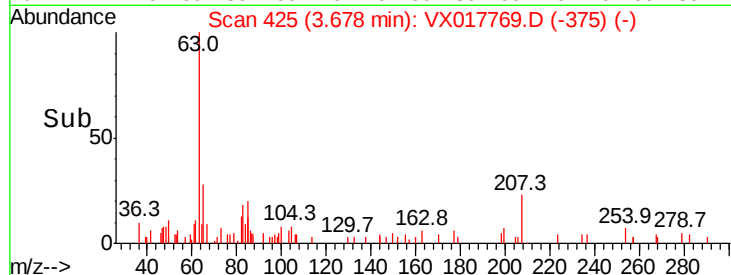
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

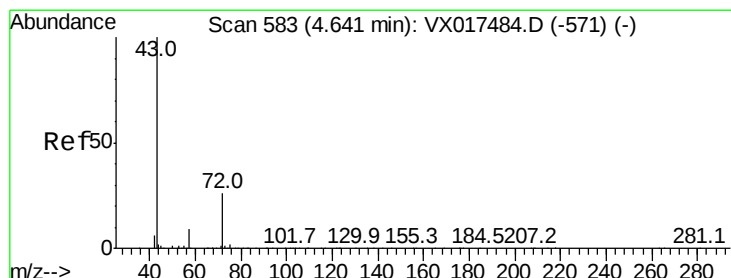
Ion 99.90 (99.60 to 100.60): VX0

3.68

Time-->



Time-->



#25

2-Butanone

Concen: 0.599 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017769.D

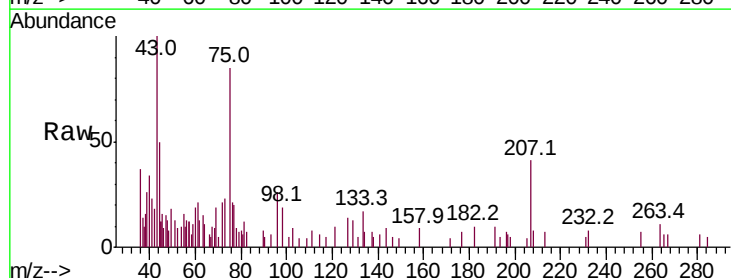
Acq: 04 Aug 2020 14:39

Tgt Ion: 43 Resp: 2838

Ion Ratio Lower Upper

43 100

72 13.8 19.0 28.4#

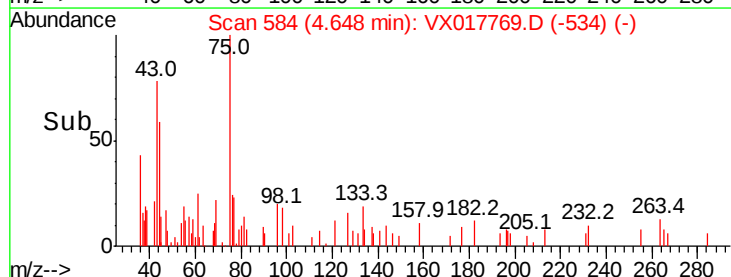


Abundance Ion 43.00 (42.70 to 43.70): VX0

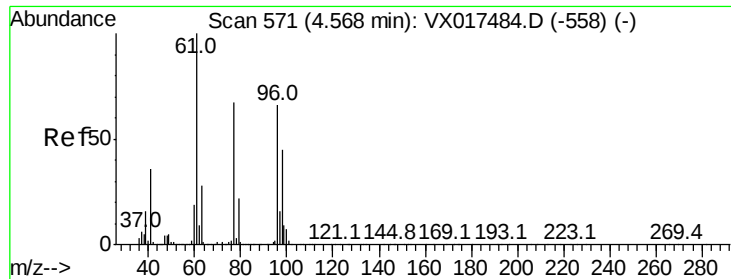
Ion 72.00 (71.70 to 72.70): VX0

4.65

Time-->



Time-->

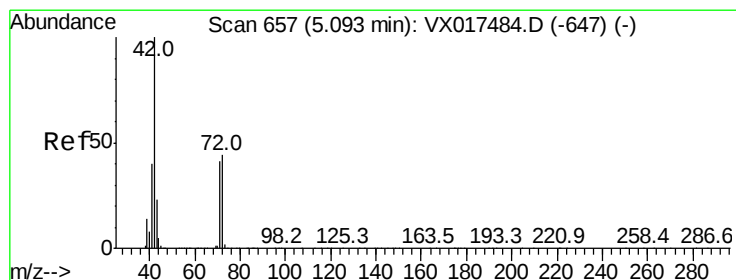
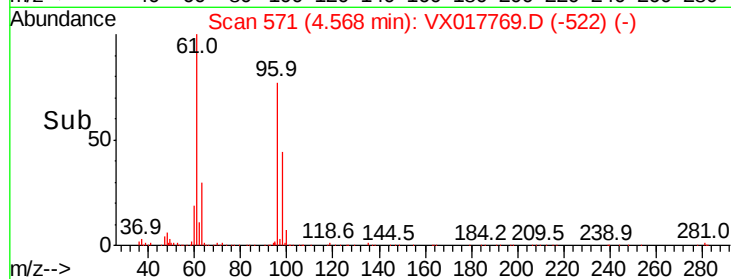
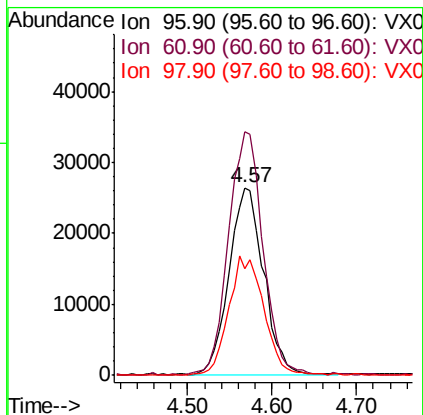
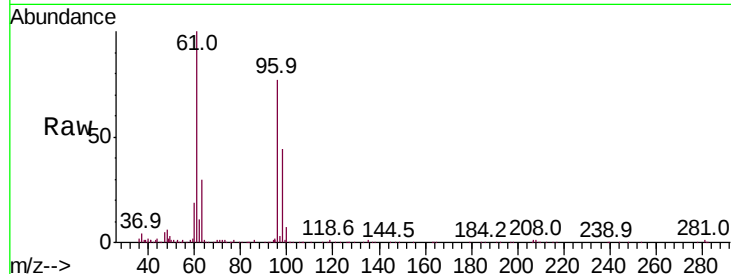


#27

cis-1,2-Dichloroethene
 Concen: 10.286 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017769.D
 Acq: 04 Aug 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :

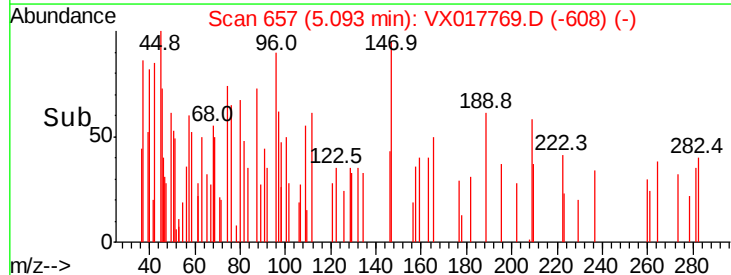
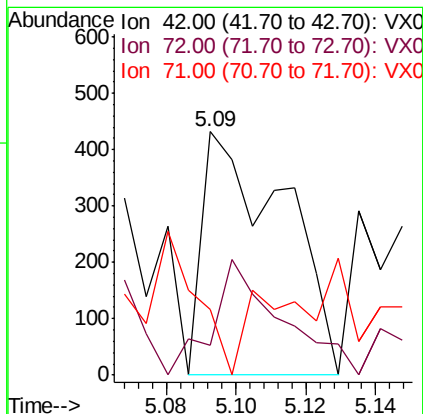
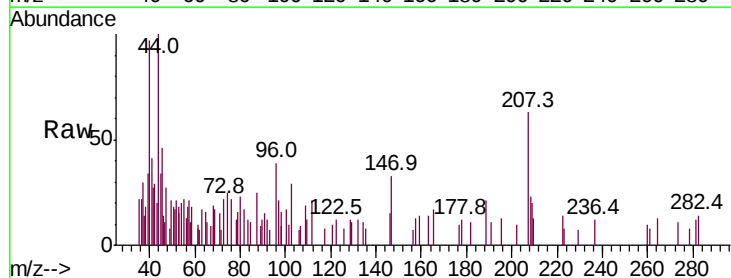
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	301.2
98	65.2	0.0	130.0

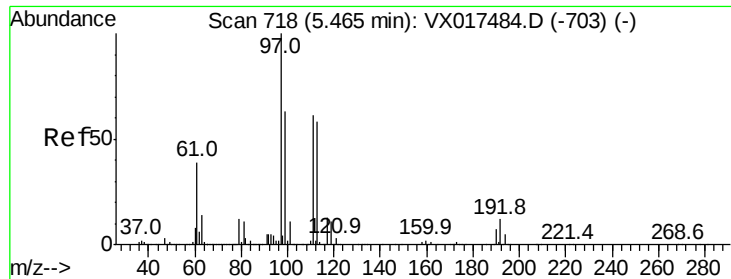


#29

Tetrahydrofuran
 Concen: 0.239 ug/l
 RT: 5.09 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX017769.D
 Acq: 04 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.0	35.5	53.3
71	44.9	33.0	49.4





#32

1,1,1-Trichloroethane

Concen: 0.422 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

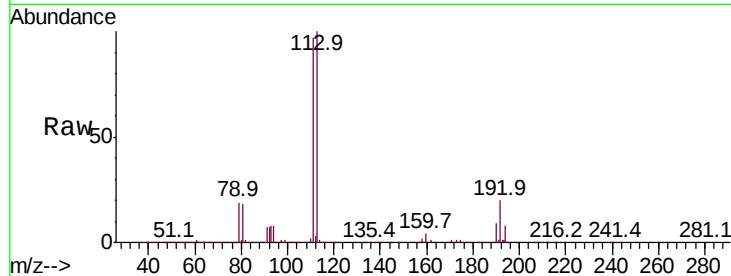
Tot Ion: 97 Resp: 4769

Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

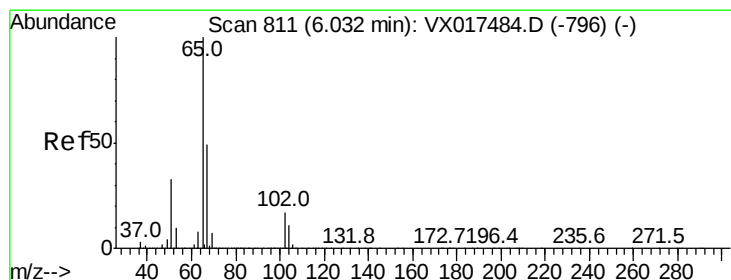
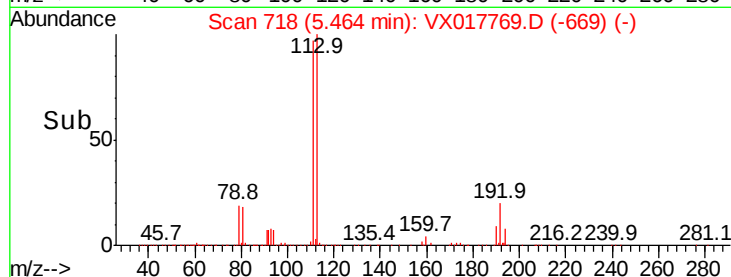
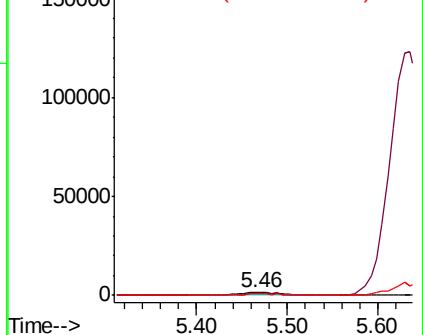
61 53.6 34.1 51.1#



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: 50.357 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017769.D

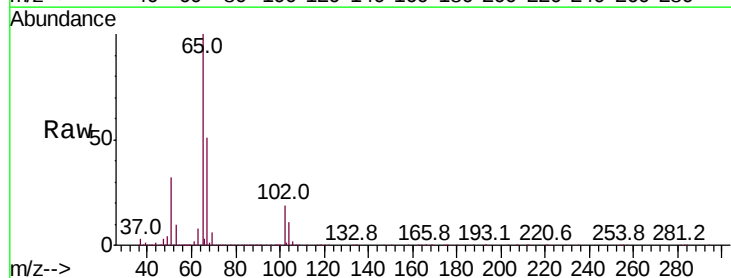
Acq: 04 Aug 2020 14:39

Tgt Ion: 65 Resp: 381639

Ion Ratio Lower Upper

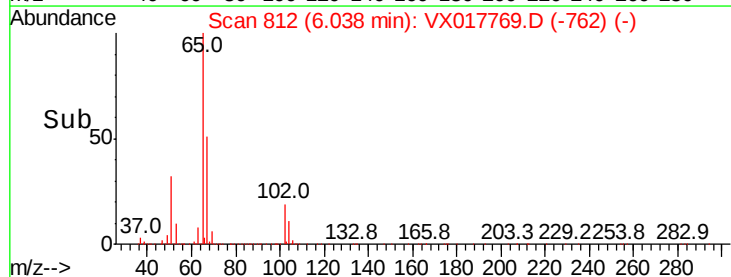
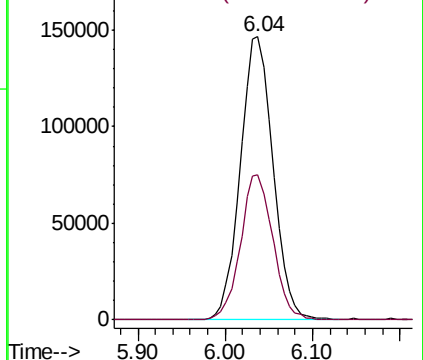
65 100

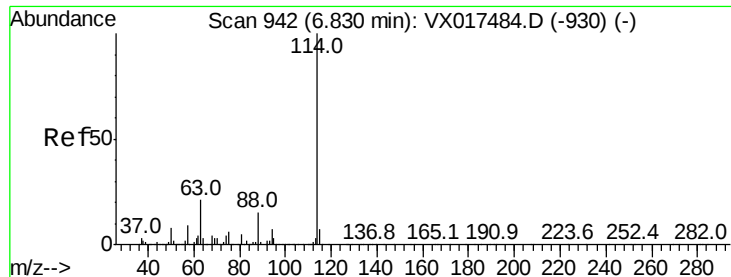
67 50.8 0.0 102.8



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: VX017769.D

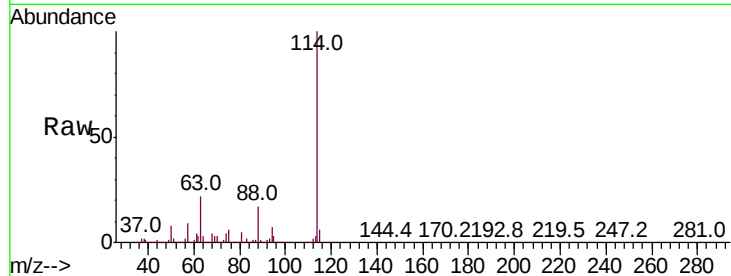
Acq: 04 Aug 2020 14:39

Instrument :

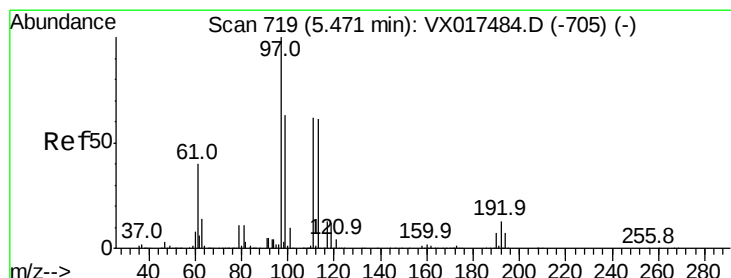
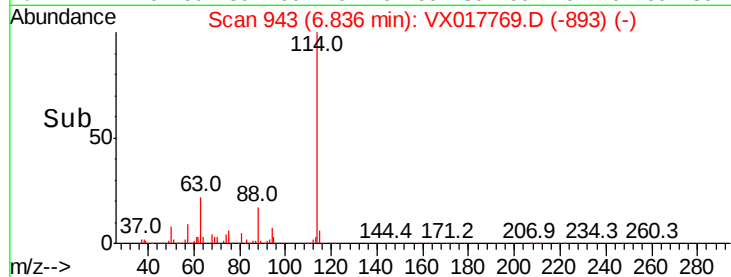
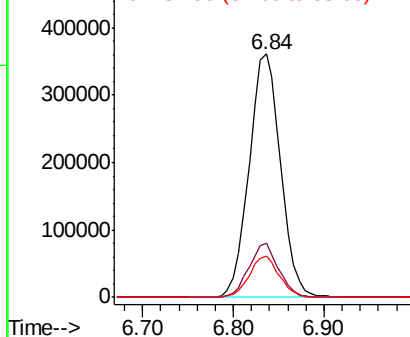
MSVOA_X

ClientSampled :

Tot Ion:	114	Resp:	866607
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.6
88	16.9	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: 52.020 ug/l

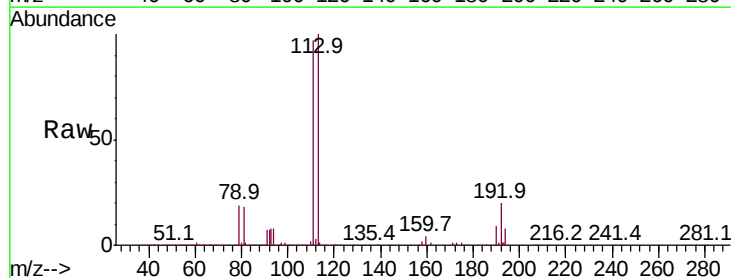
RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

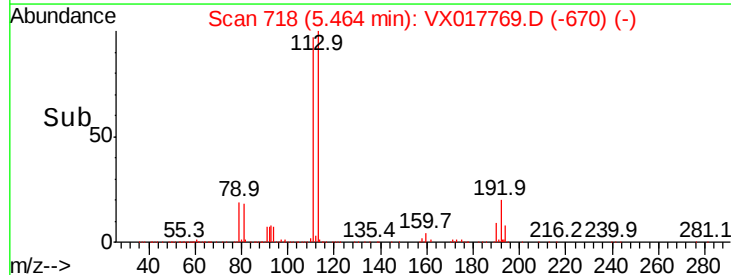
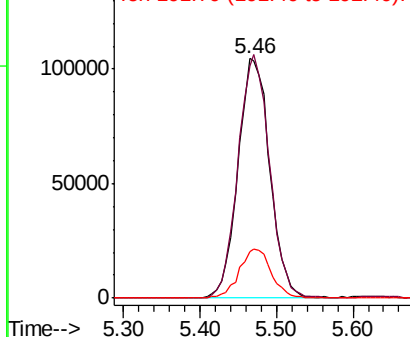
Lab File: VX017769.D

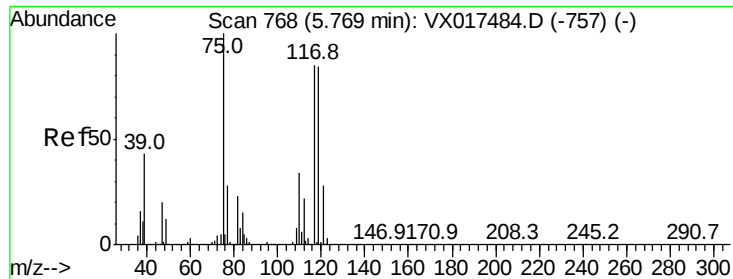
Acq: 04 Aug 2020 14:39

Tgt Ion:	113	Resp:	301505
Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	20.5	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: 5.090 ug/l

RT: 5.63 min Scan# 745

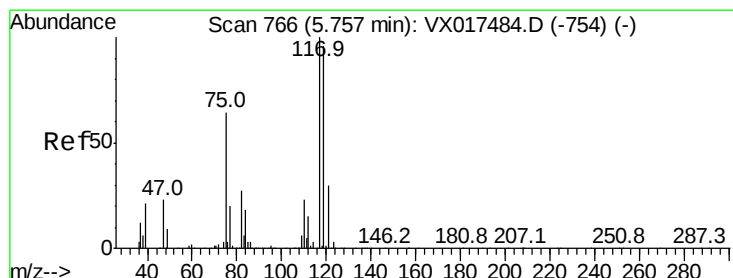
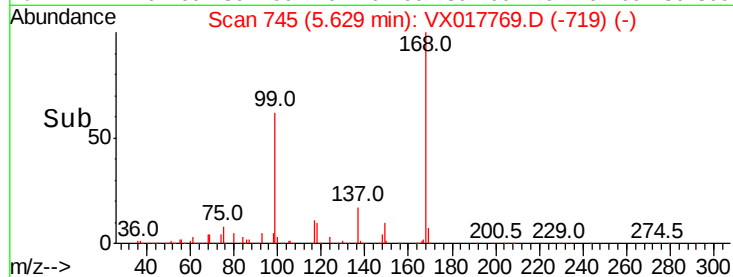
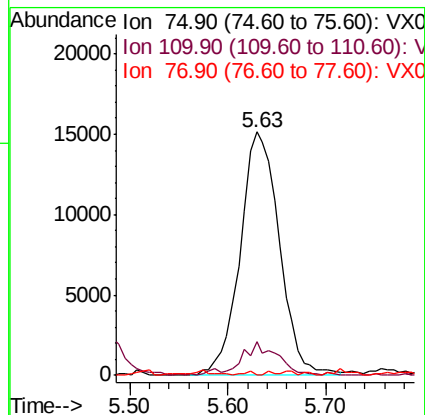
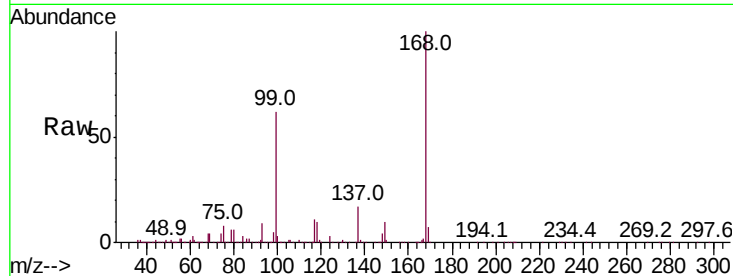
Delta R.T. -0.14 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 42308
Ion Ratio Lower Upper
75 100
110 11.8 18.1 54.3#
77 0.5 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.121 ug/l

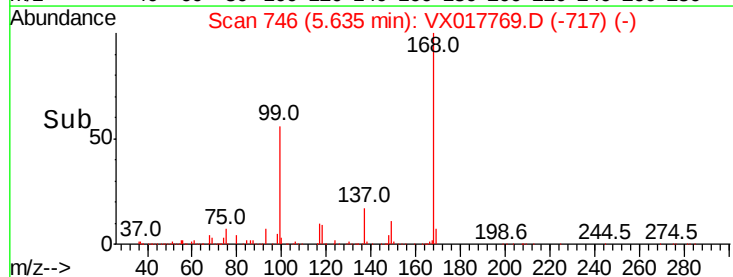
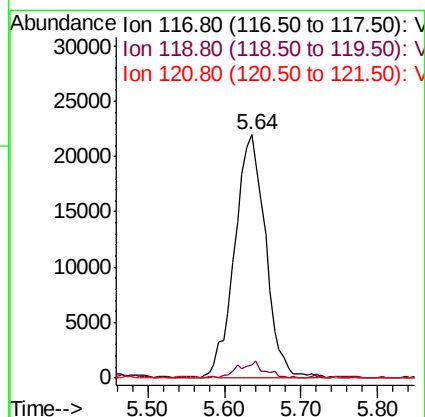
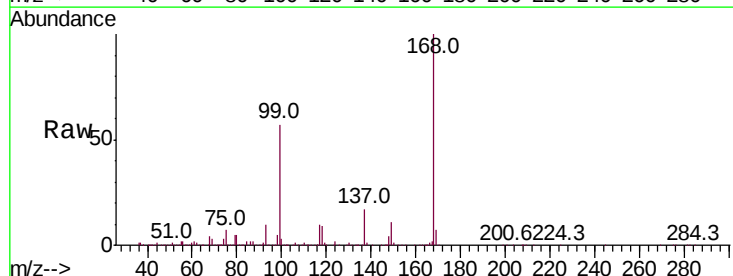
RT: 5.64 min Scan# 746

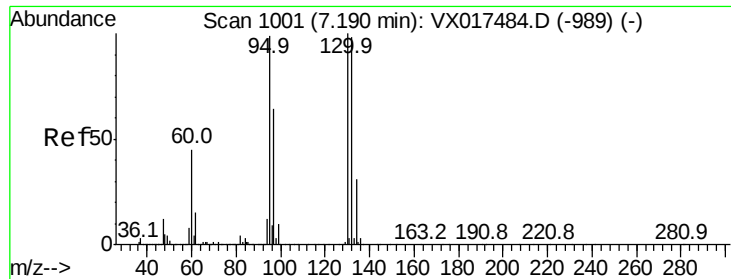
Delta R.T. -0.12 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Tgt Ion: 117 Resp: 61783
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.3 36.5#

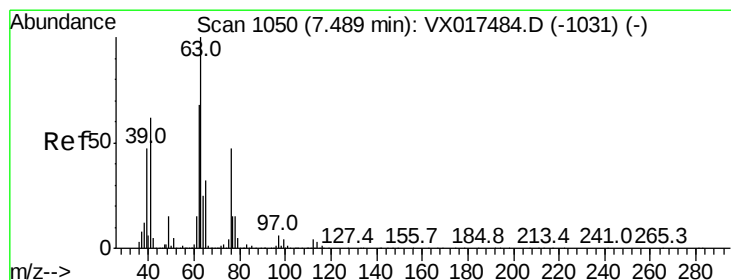
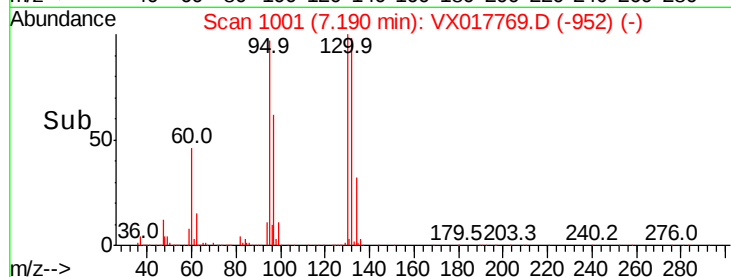
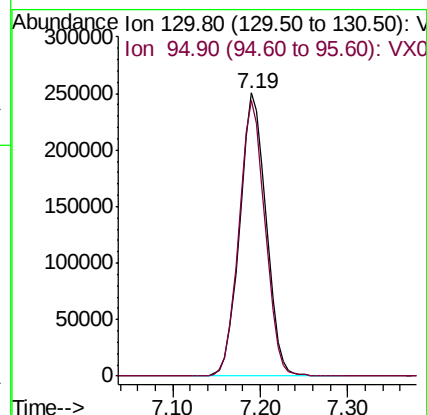
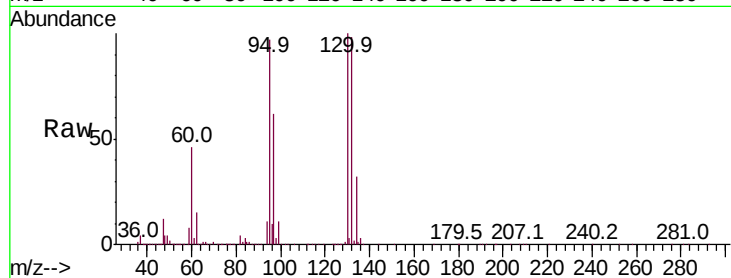




#44
 Trichloroethene
 Concen: 75.528 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017769.D
 Acq: 04 Aug 2020 14:39

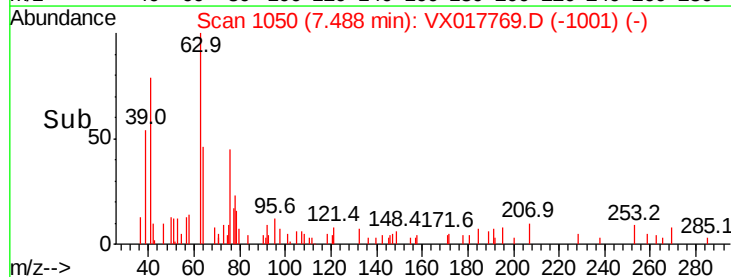
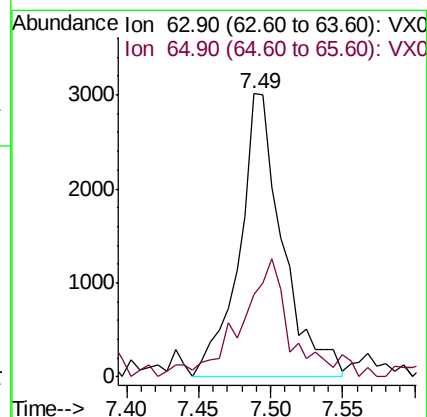
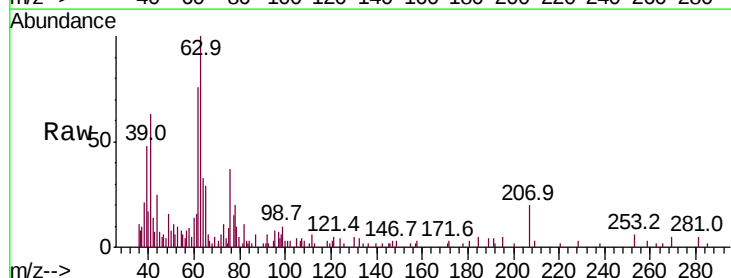
Instrument :
 MSVOA_X
 ClientSampled :

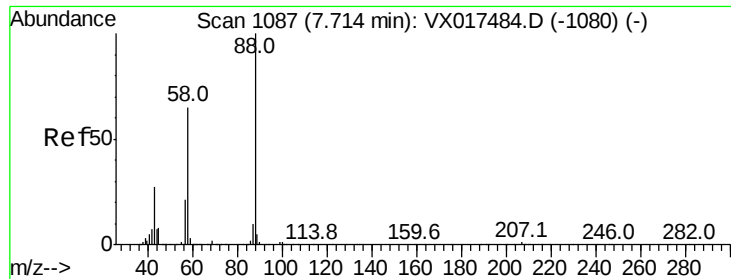
Tot Ion:130 Resp: 525963
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 189.0



#45
 1,2-Dichloropropane
 Concen: 0.952 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017769.D
 Acq: 04 Aug 2020 14:39

Tgt Ion: 63 Resp: 6289
 Ion Ratio Lower Upper
 63 100
 65 26.7 24.5 36.7





#49

1,4-Dioxane

Concen: 2.209 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

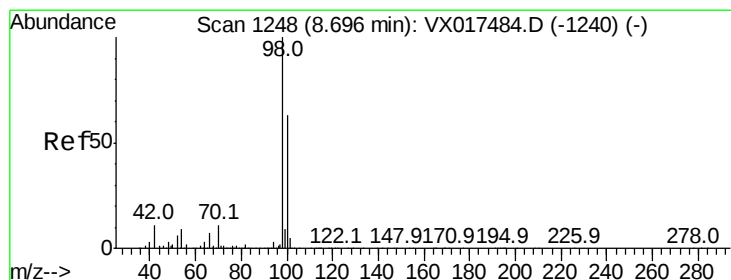
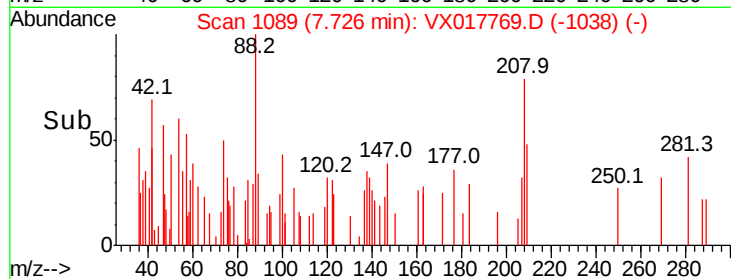
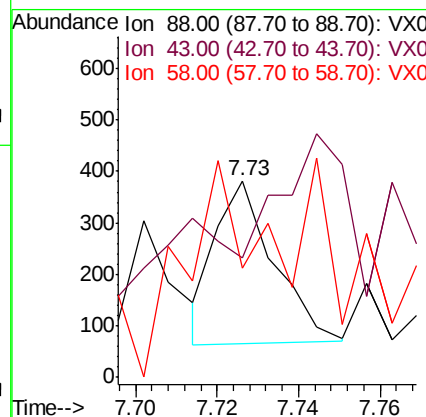
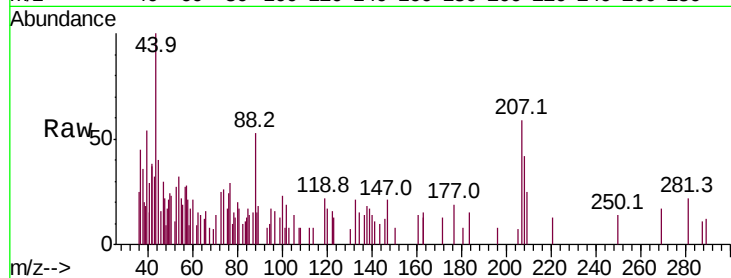
Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 315

Ion	Ratio	Lower	Upper
88	100		
43	118.7	27.8	41.6#
58	198.4	58.3	87.5#



#50

Toluene-d8

Concen: 49.128 ug/l

RT: 8.70 min Scan# 1248

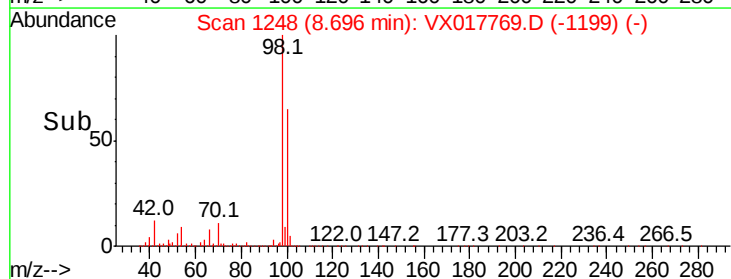
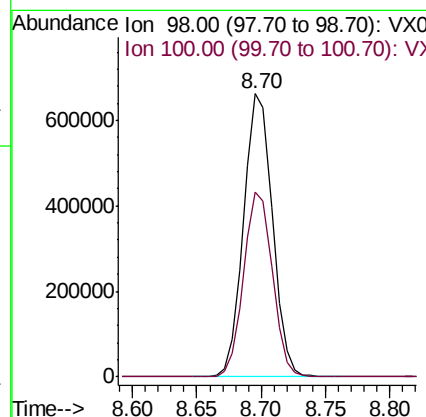
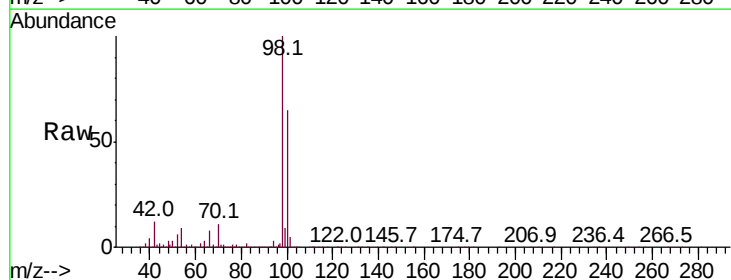
Delta R.T. -0.00 min

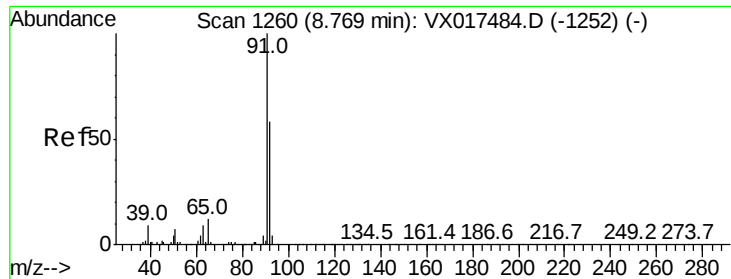
Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Tgt Ion: 98 Resp: 1027200

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5





#52

Toluene

Concen: 0.225 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

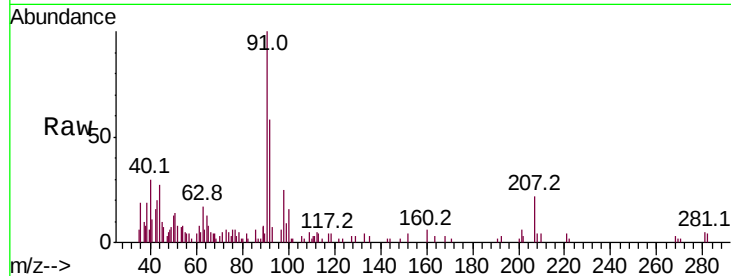
ClientSampleId :

Tot Ion: 92 Resp: 3435

Ion Ratio Lower Upper

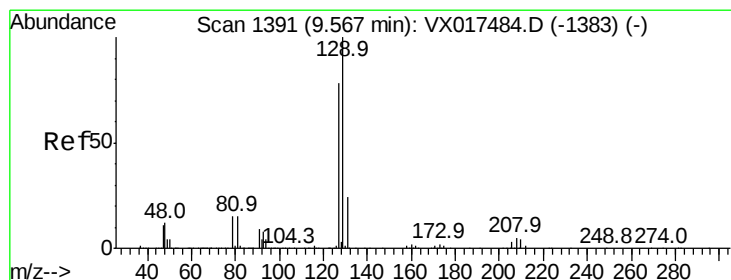
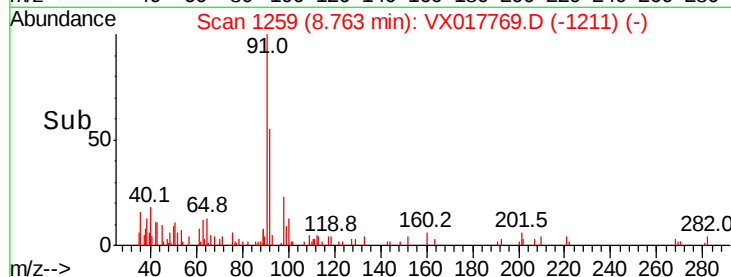
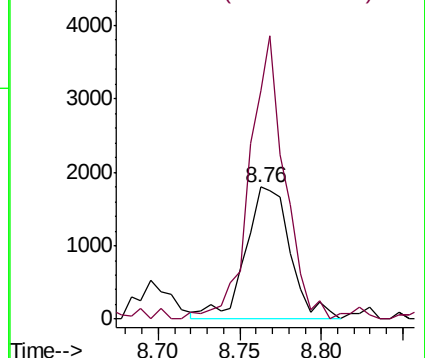
92 100

91 168.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#60

Dibromochloromethane

Concen: 11.365 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX017769.D

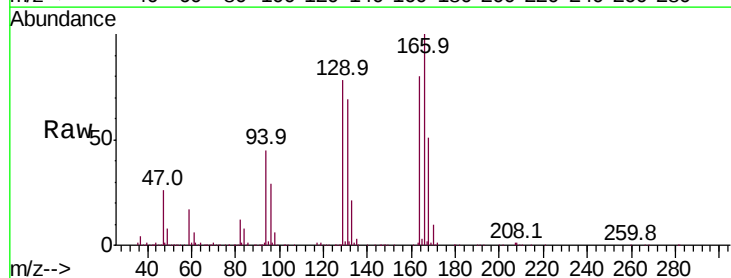
Acq: 04 Aug 2020 14:39

Tgt Ion: 129 Resp: 91956

Ion Ratio Lower Upper

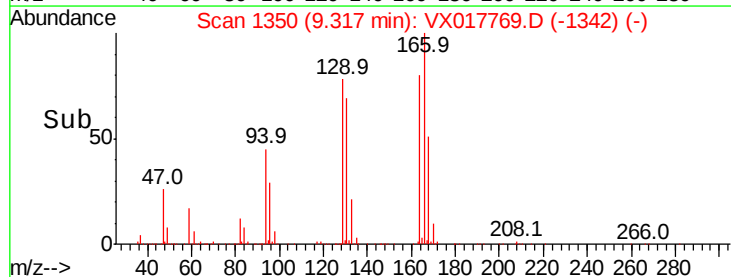
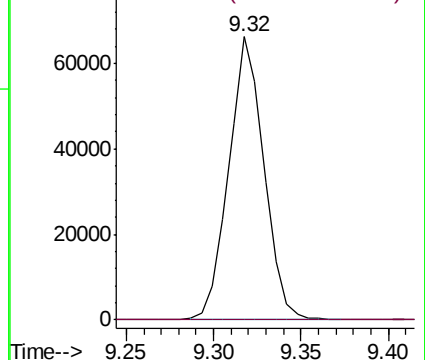
129 100

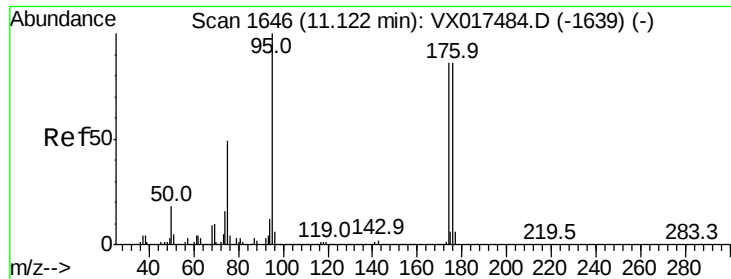
127 0.2 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 46.985 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

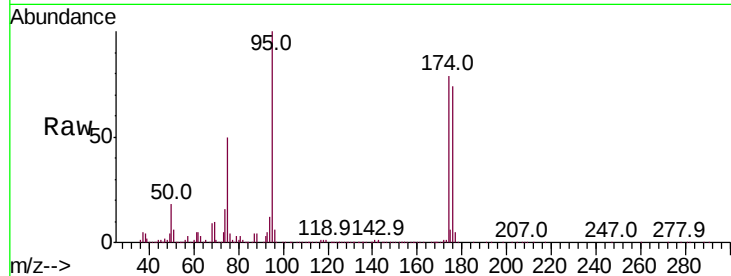
Tot Ion: 95 Resp: 393154

Ion Ratio Lower Upper

95 100

174 82.5 0.0 169.0

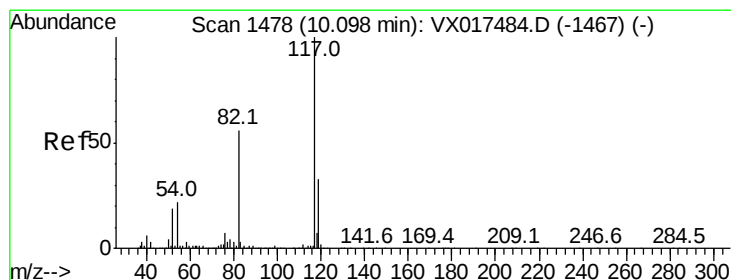
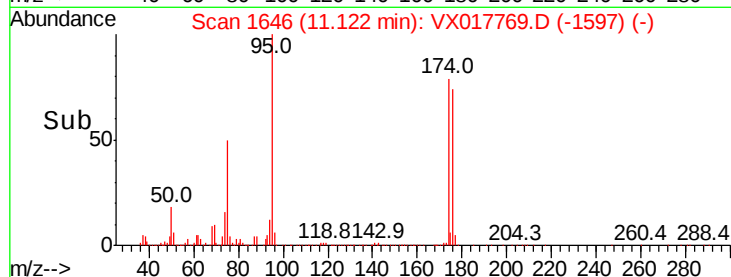
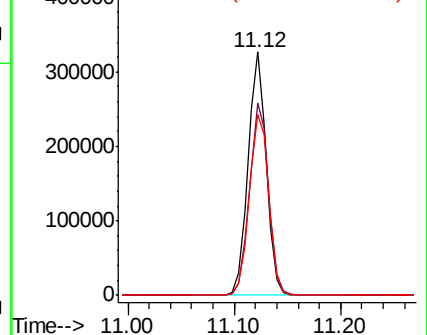
176 79.0 0.0 161.0



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: VX017769.D

Acq: 04 Aug 2020 14:39

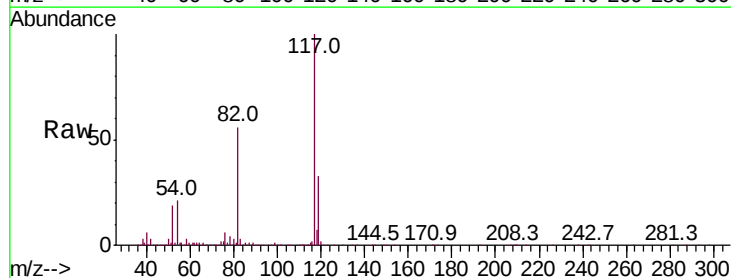
Tgt Ion: 117 Resp: 808747

Ion Ratio Lower Upper

117 100

82 55.6 44.0 66.0

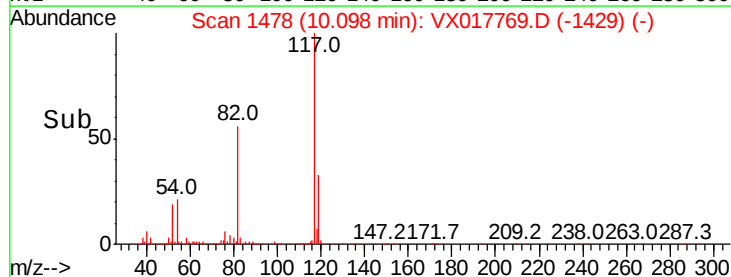
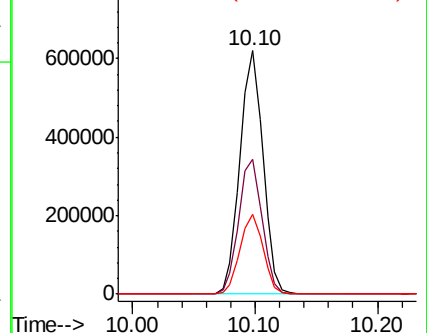
119 33.0 25.4 38.0

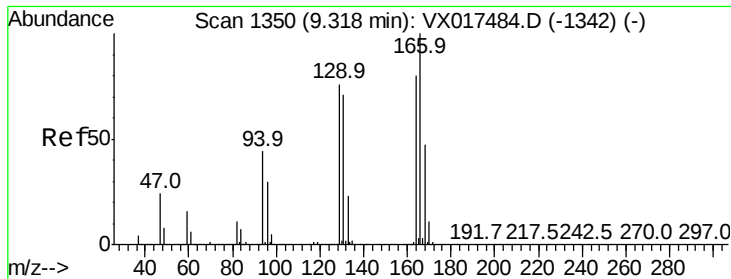


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 13.152 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 95465

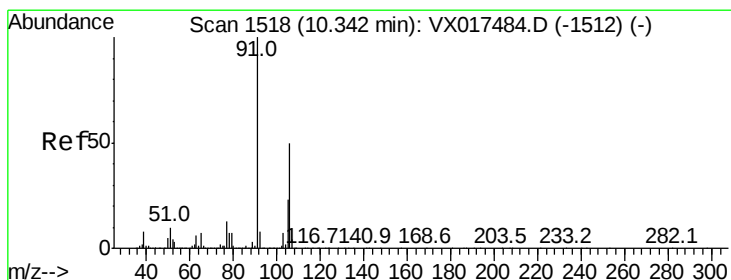
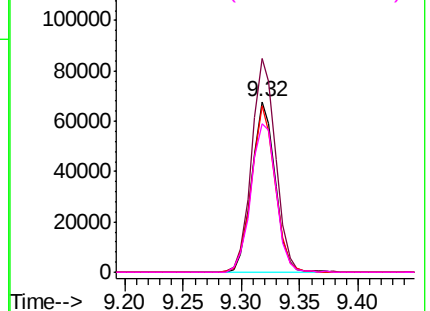
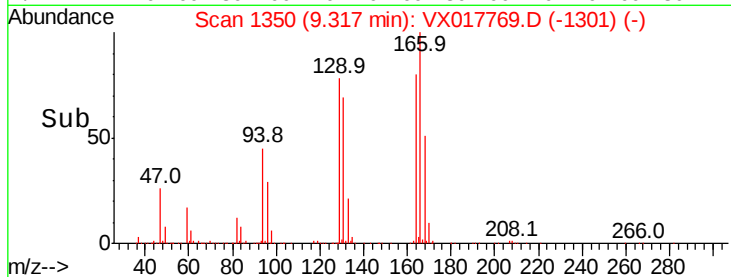
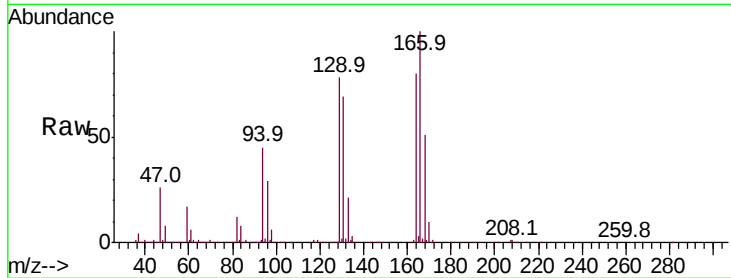
Ion Ratio Lower Upper

164 100

166 124.9 100.6 150.8

129 97.6 75.0 112.6

131 86.5 75.2 112.8



#68

m/p-Xylenes

Concen: 0.301 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017769.D

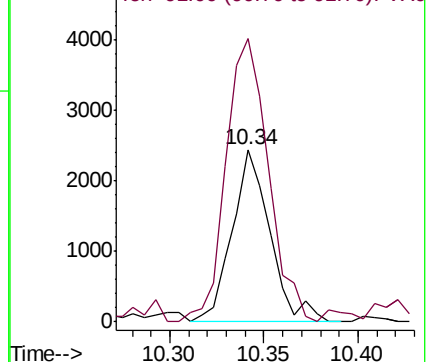
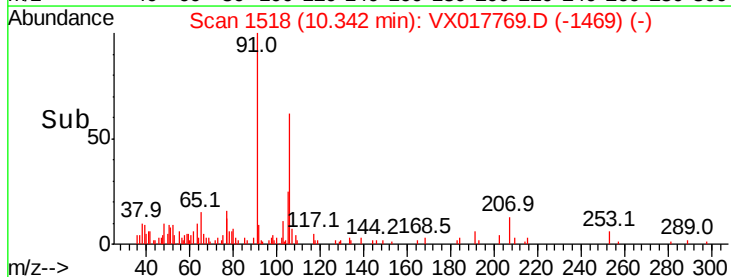
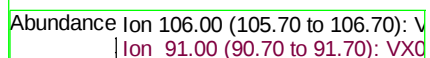
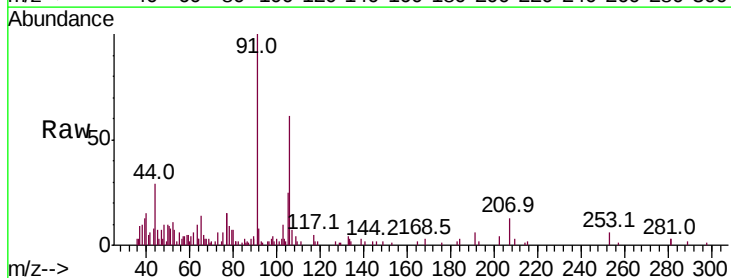
Acq: 04 Aug 2020 14:39

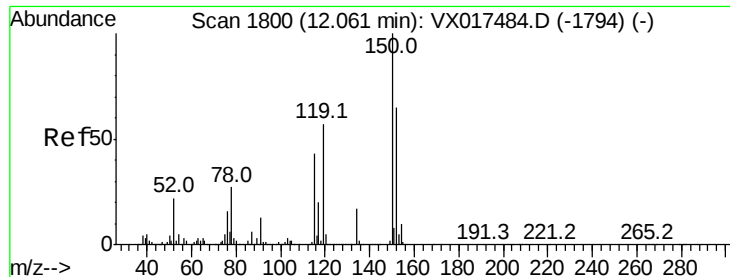
Tgt Ion:106 Resp: 3410

Ion Ratio Lower Upper

106 100

91 183.6 160.9 241.3



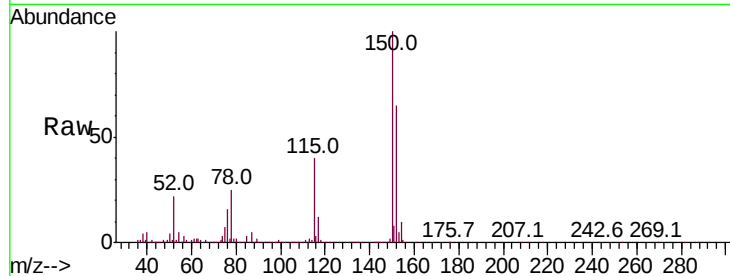


#72

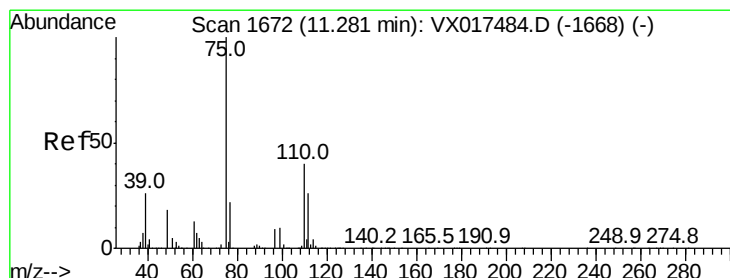
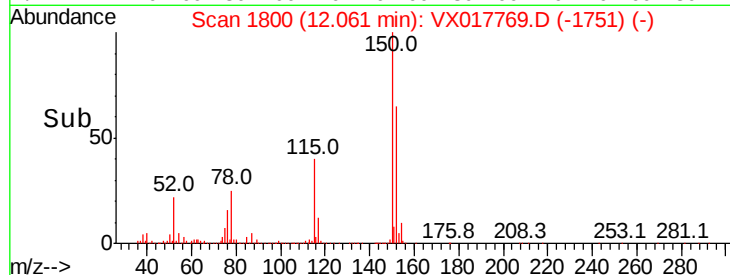
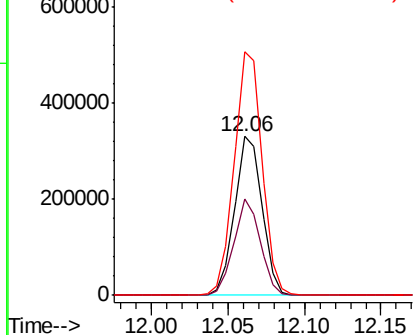
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017769.D
Acq: 04 Aug 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	65.5	196.6#
150	155.4	0.0	412.6



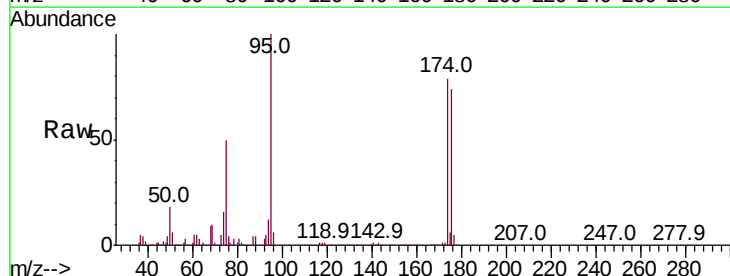
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



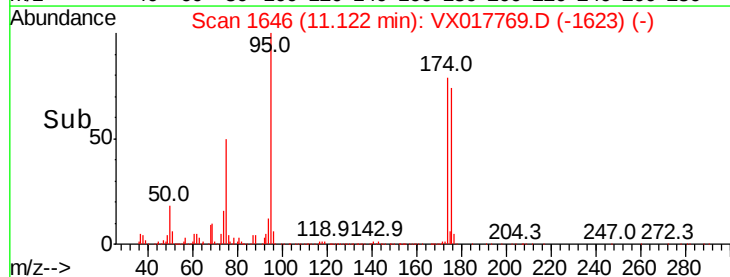
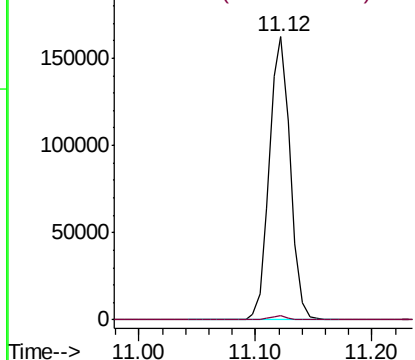
#76

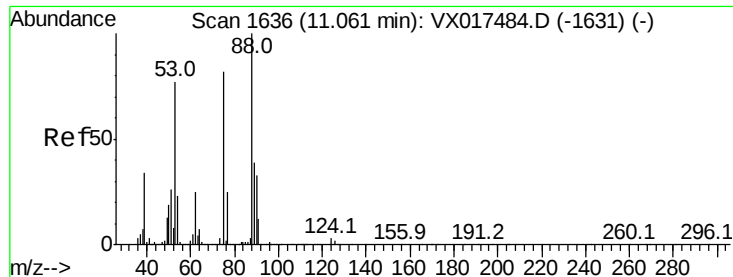
1,2,3-Trichloropropane
Concen: 24.075 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017769.D
Acq: 04 Aug 2020 14:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	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: 60.663 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

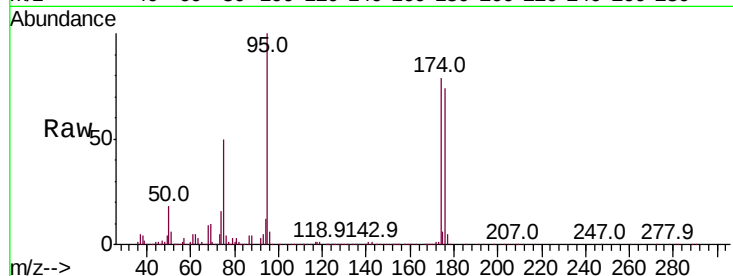
Tot Ion: 75 Resp: 203547

Ion Ratio Lower Upper

75 100

53 0.4 75.9 113.9#

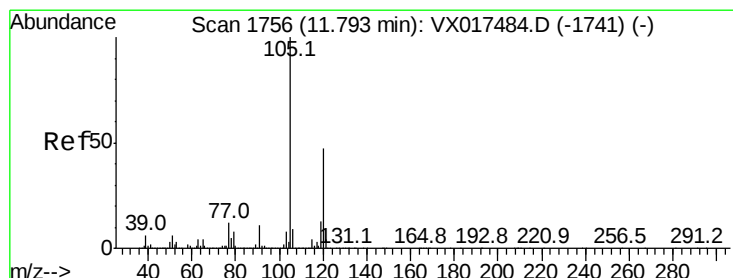
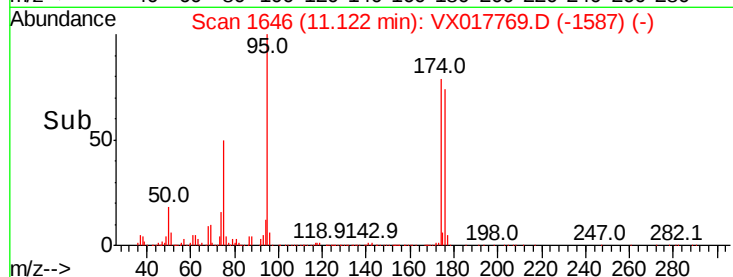
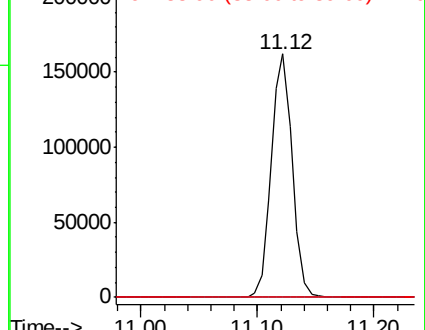
89 0.0 37.8 56.6#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.275 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017769.D

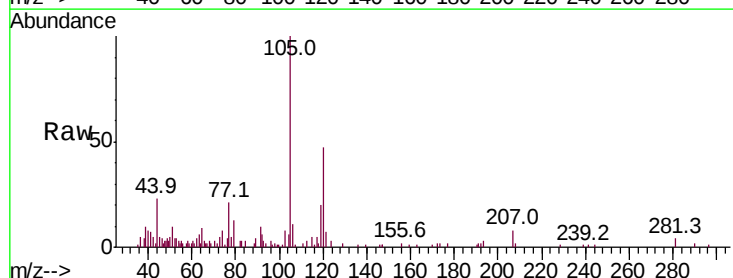
Acq: 04 Aug 2020 14:39

Tgt Ion: 105 Resp: 6580

Ion Ratio Lower Upper

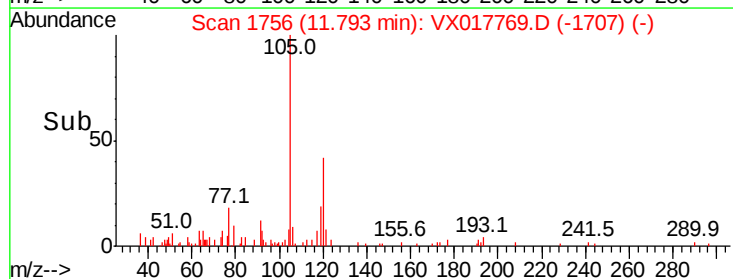
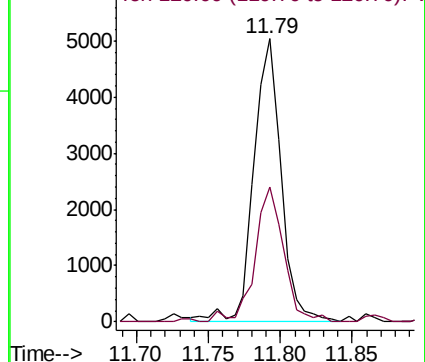
105 100

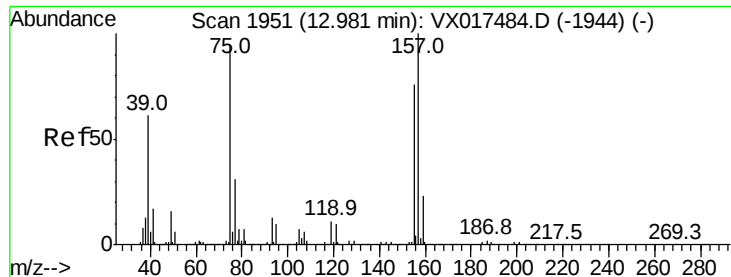
120 50.1 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.770 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX017769.D

Acq: 04 Aug 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 507

Ion Ratio Lower Upper

75 100

155 0.0 42.3 126.8#

157 13.2 54.3 162.9#

