

Data File : VX017275.D
Acq On : 08 Jul 2020 23:02
Operator : JC/SP
Sample : VX0708WBL03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL03

Quant Time: Jul 09 05:06:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	159163	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	5.47	113	136382	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	8.70	98	478585	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	206531	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	

Target Compounds

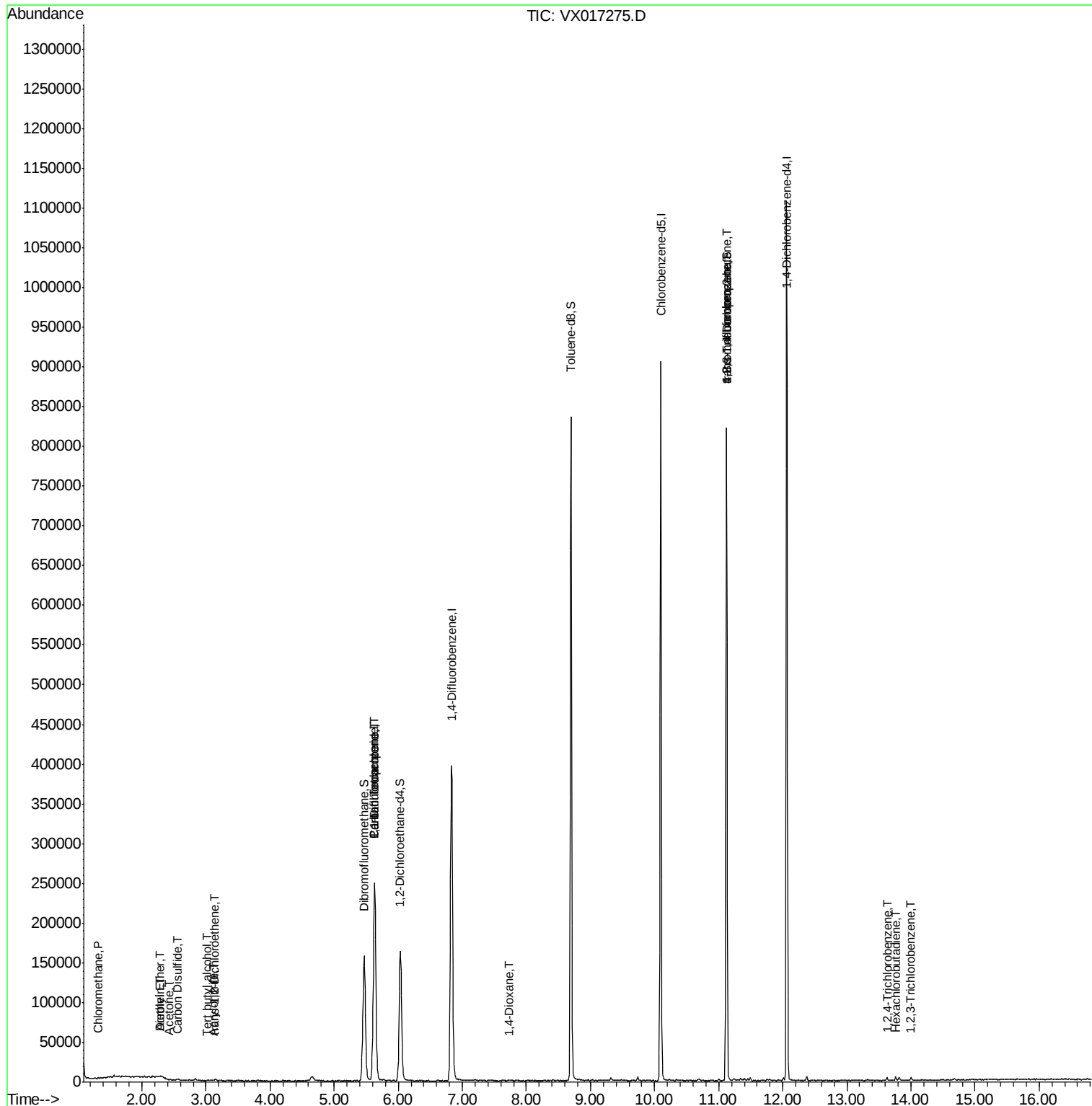
						Qvalue
3) Chloromethane	1.32	50	616	0.217	ug/l #	68
8) Diethyl Ether	2.28	74	101	0.442	ug/l	83
11) Tert butyl alcohol	3.01	59	240	0.422	ug/l #	73
13) Acrolein	2.28	56	370	1.088	ug/l #	1
15) Acrylonitrile	3.12	53	634	0.463	ug/l	94
16) Acetone	2.42	43	837	0.750	ug/l #	64
17) Carbon Disulfide	2.56	76	2418	0.385	ug/l	99
20) Methylene Chloride	2.84	84	938	Below Cal	#	86
21) trans-1,2-Dichloroethene	3.14	96	545	0.205	ug/l #	31
36) 1,1-Dichloropropene	5.62	75	18152	4.780	ug/l #	50
38) Carbon Tetrachloride	5.64	117	23792	5.688	ug/l #	17
44) Trichloroethene	7.20	130	428	Below Cal		85
49) 1,4-Dioxane	7.73	88	19	0.276	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	100546	23.196	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	100546	60.069	ug/l #	13
88) 1,4-Dichlorobenzene	12.01	146	979	Below Cal		88
93) 1,2,4-Trichlorobenzene	13.63	180	1070	0.233	ug/l	87
94) Hexachlorobutadiene	13.76	225	544	1.151	ug/l	81
96) 1,2,3-Trichlorobenzene	14.00	180	999	0.224	ug/l	88

(#) = 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: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

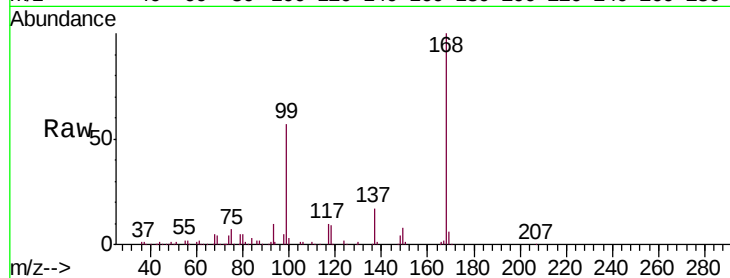
VX0708WBL03

Tgt Ion:168 Resp: 241977

Ion Ratio Lower Upper

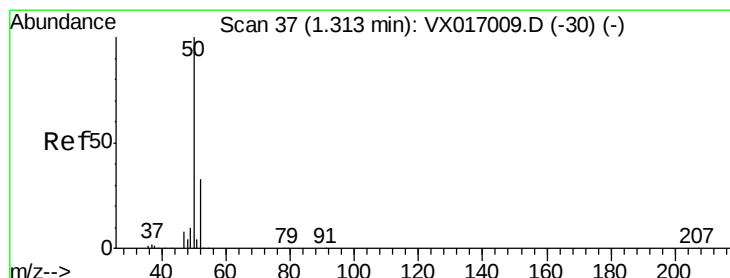
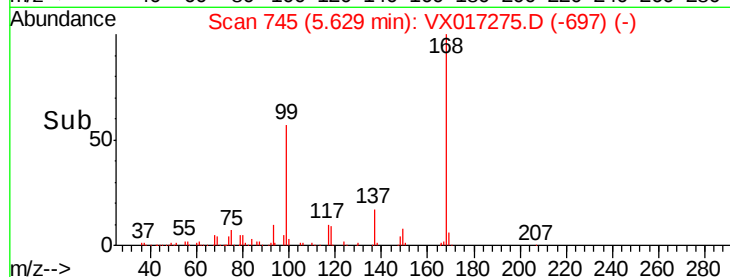
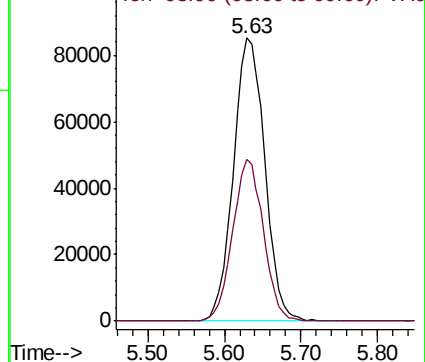
168 100

99 57.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017275.D

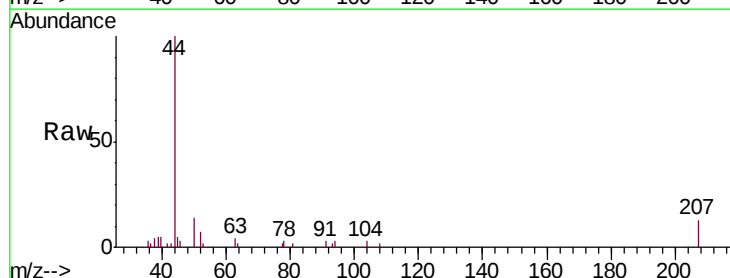
Acq: 08 Jul 2020 23:02

Tgt Ion: 50 Resp: 616

Ion Ratio Lower Upper

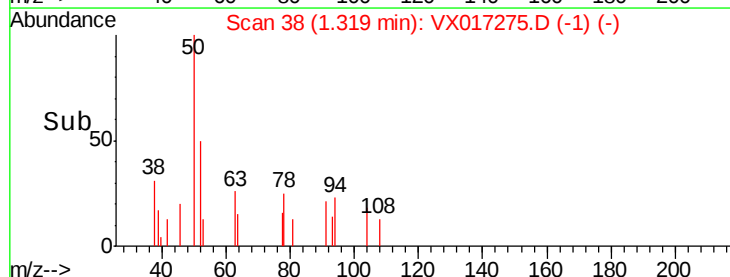
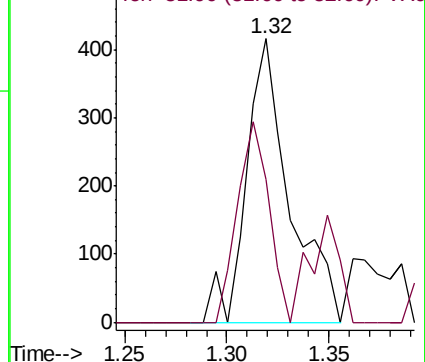
50 100

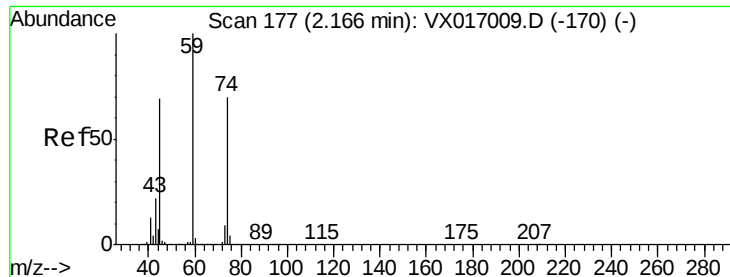
52 50.5 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#8

Diethyl Ether

Concen: 0.442 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.12 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

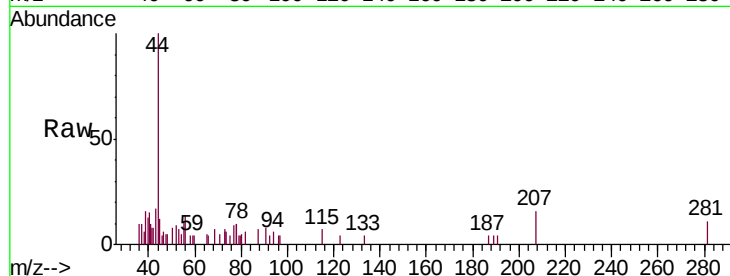
VX0708WBL03

Tgt Ion: 74 Resp: 101

Ion Ratio Lower Upper

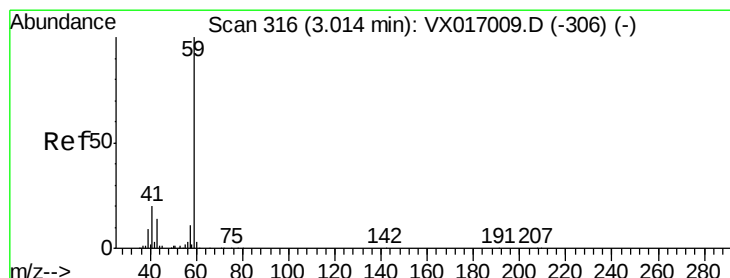
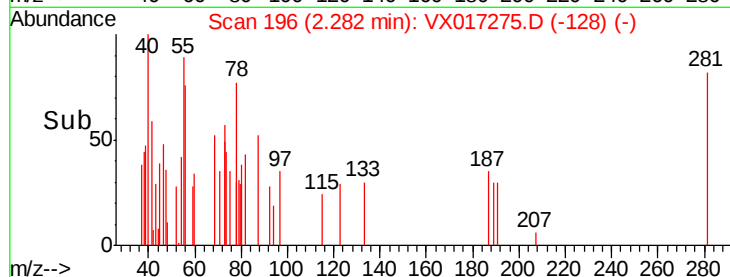
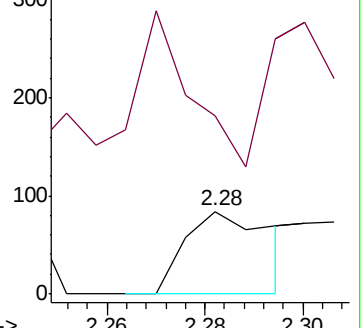
74 100

45 116.8 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 0.422 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017275.D

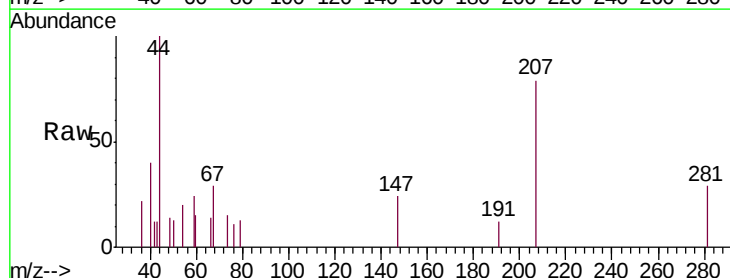
Acq: 08 Jul 2020 23:02

Tgt Ion: 59 Resp: 240

Ion Ratio Lower Upper

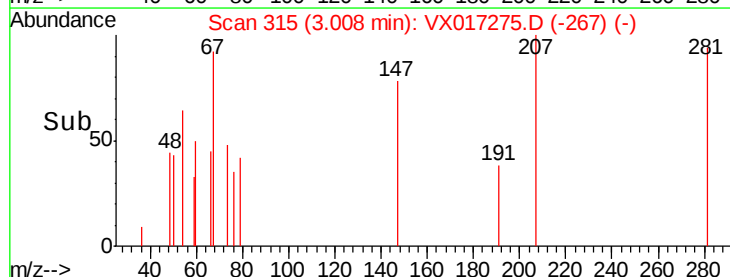
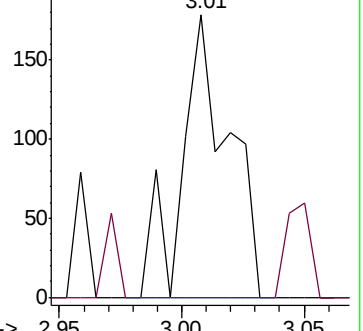
59 100

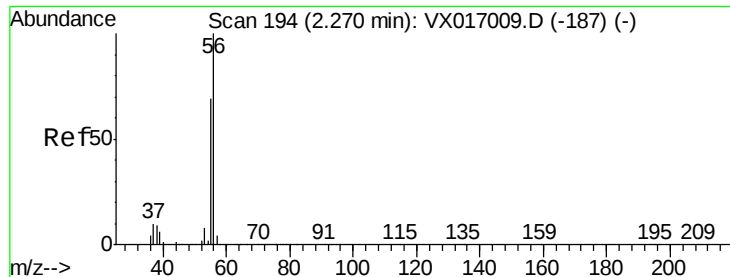
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.088 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

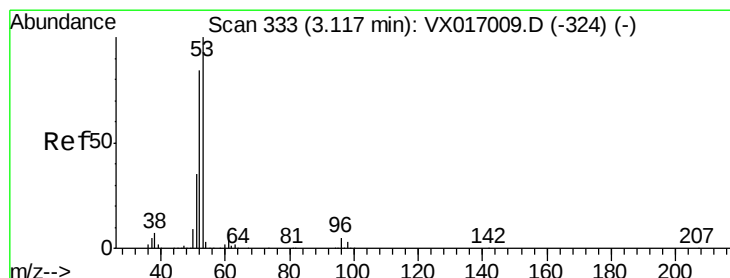
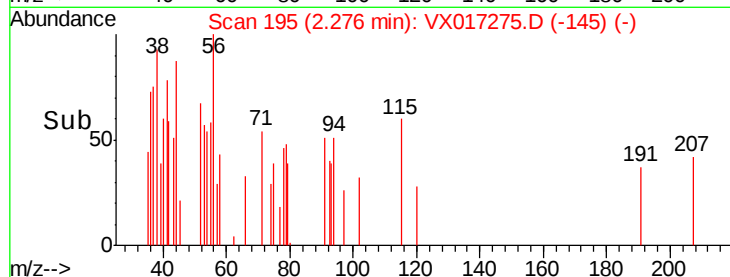
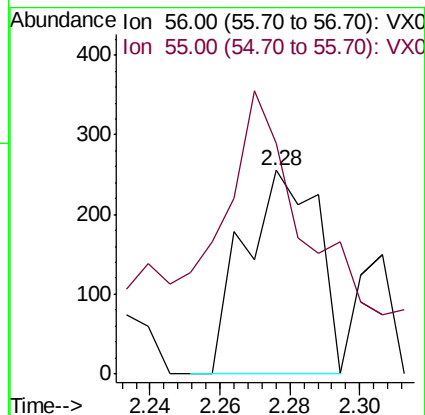
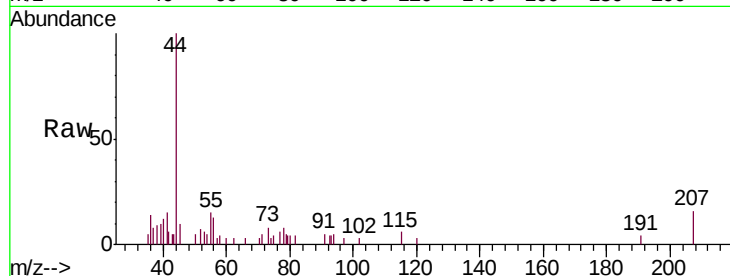
VX0708WBL03

Tgt Ion: 56 Resp: 370

Ion Ratio Lower Upper

56 100

55 153.2 55.7 83.5#



#15

Acrylonitrile

Concen: 0.463 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

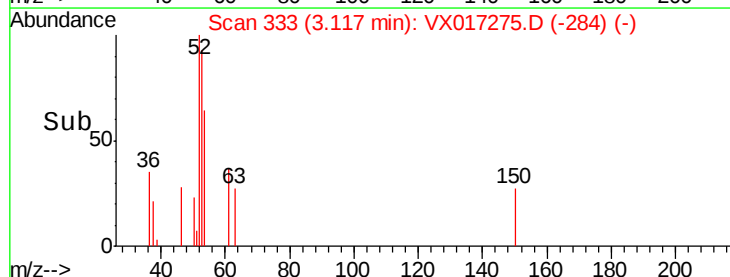
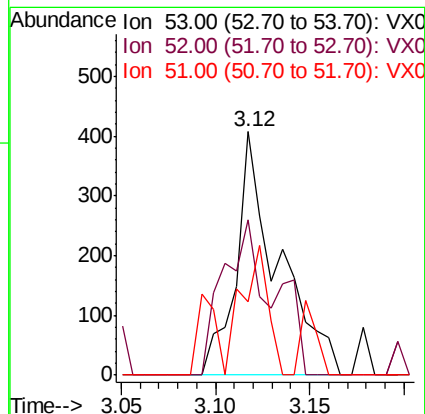
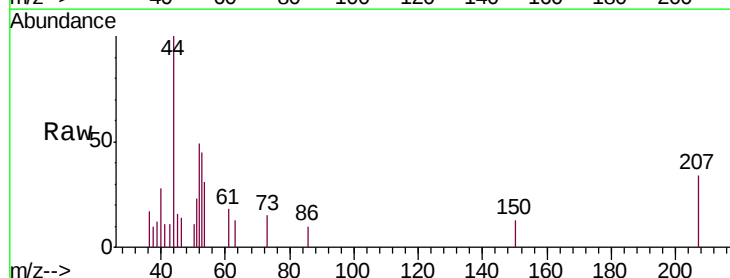
Tgt Ion: 53 Resp: 634

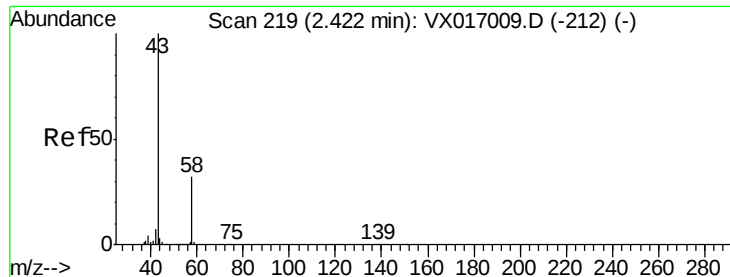
Ion Ratio Lower Upper

53 100

52 75.9 65.6 98.4

51 33.3 28.3 42.5





#16

Acetone

Concen: 0.750 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

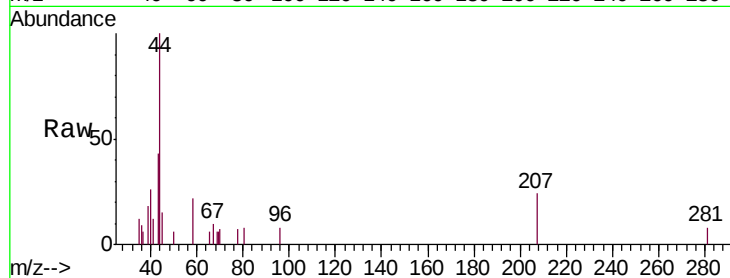
VX0708WBL03

Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

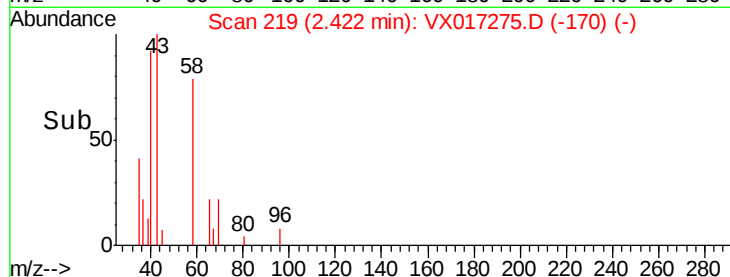
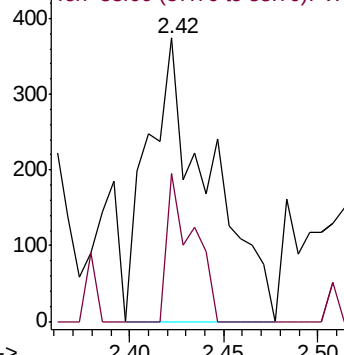
43 100

58 52.4 25.7 38.5#

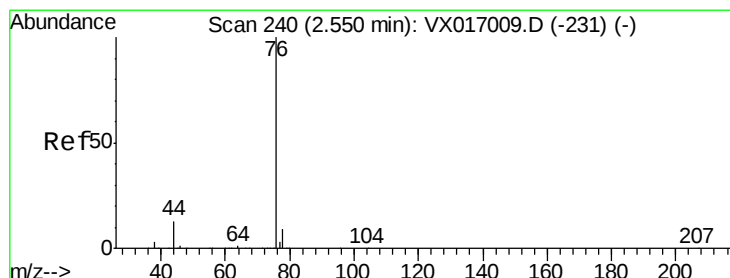


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.385 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017275.D

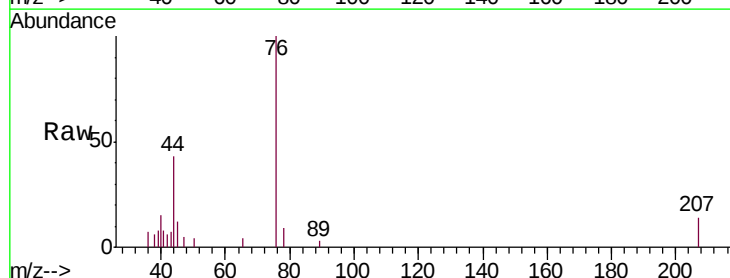
Acq: 08 Jul 2020 23:02

Tgt Ion: 76 Resp: 2418

Ion Ratio Lower Upper

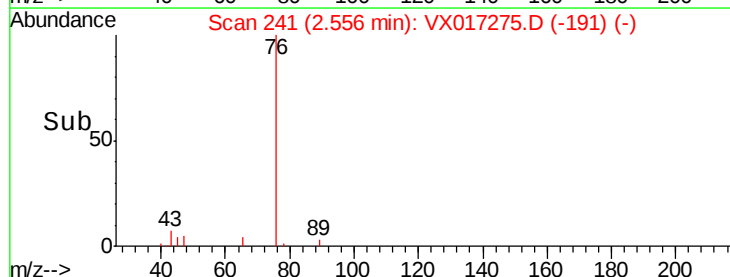
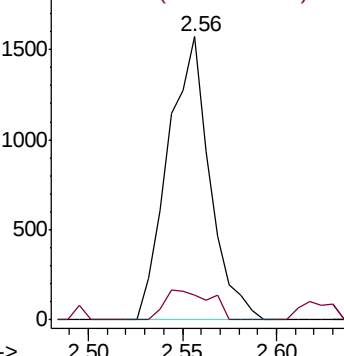
76 100

78 8.7 7.2 10.8

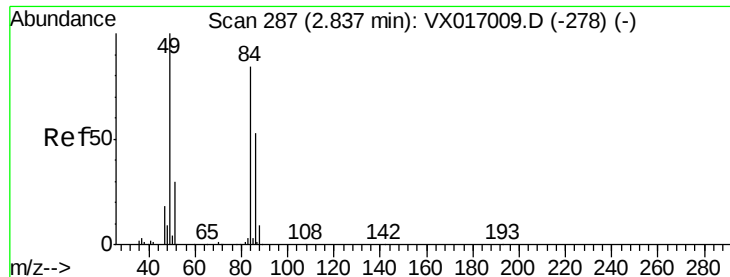


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



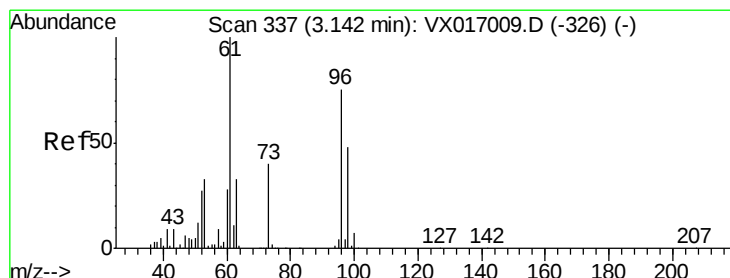
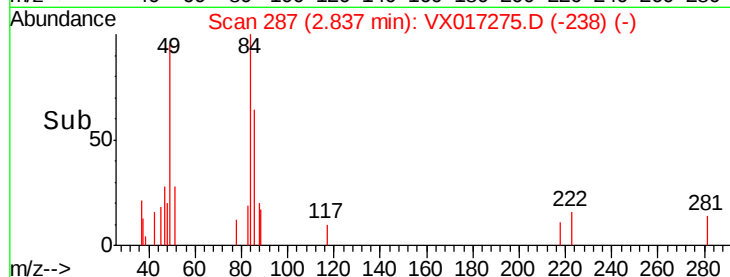
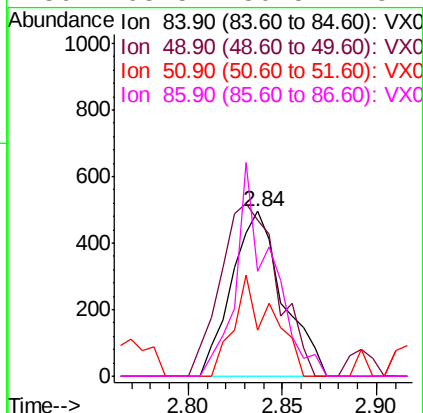
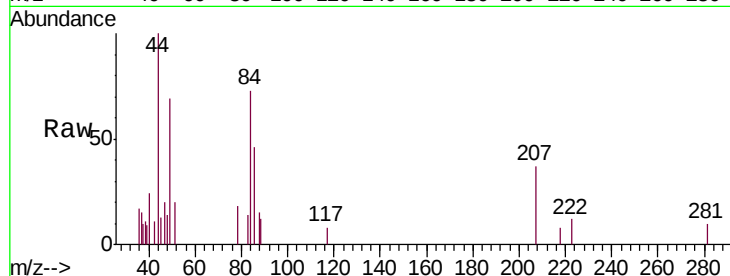
Time-->



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017275.D
Acq: 08 Jul 2020 23:02

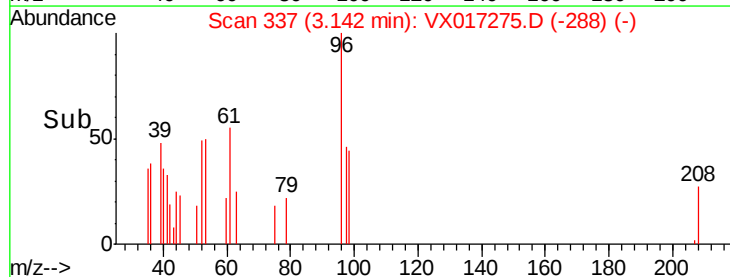
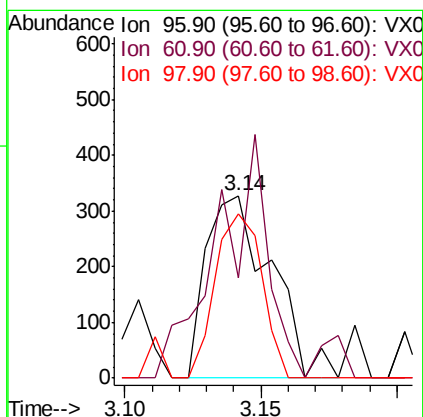
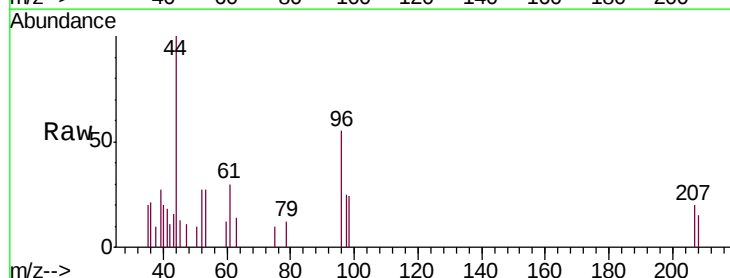
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL03

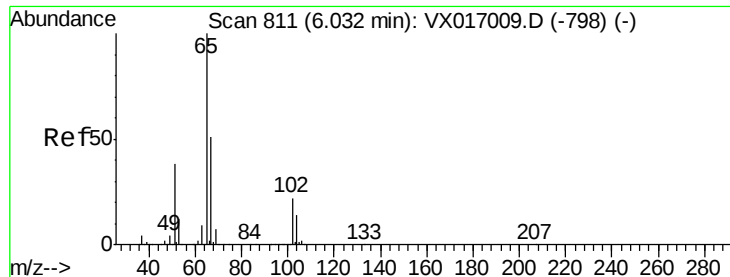
Tgt Ion: 84 Resp: 938
Ion Ratio Lower Upper
84 100
49 95.0 94.7 142.1
51 28.0 28.6 42.8#
86 63.5 50.5 75.7



#21
trans-1,2-Dichloroethene
Concen: 0.205 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017275.D
Acq: 08 Jul 2020 23:02

Tgt Ion: 96 Resp: 545
Ion Ratio Lower Upper
96 100
61 31.7 107.0 160.6#
98 89.9 51.6 77.4#

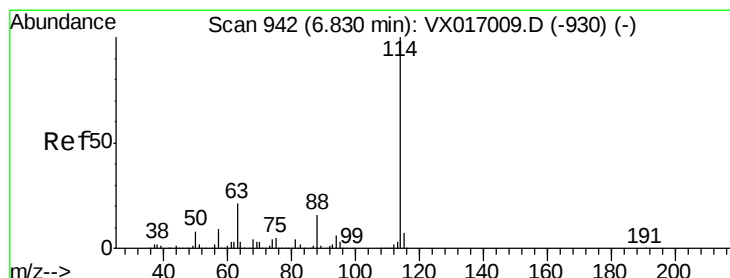
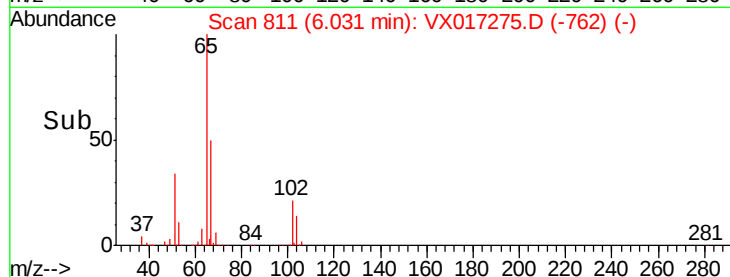
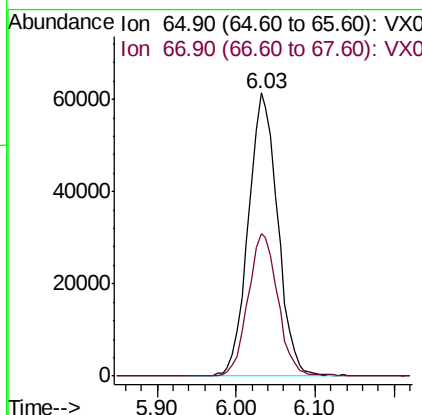
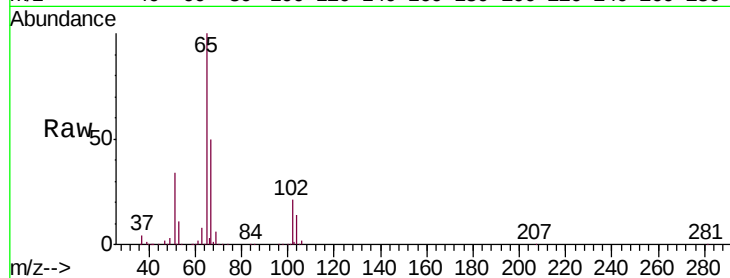




#33
 1,2-Dichloroethane-d4
 Concen: 53.355 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017275.D
 Acq: 08 Jul 2020 23:02

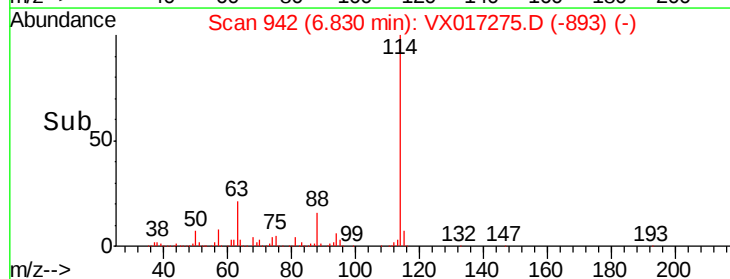
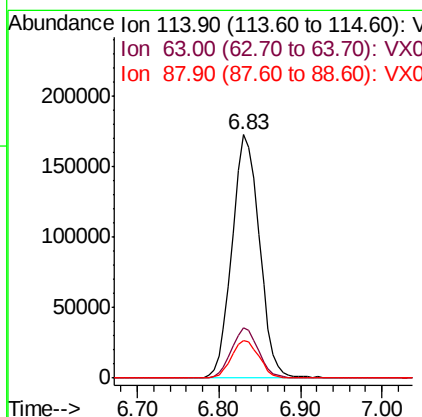
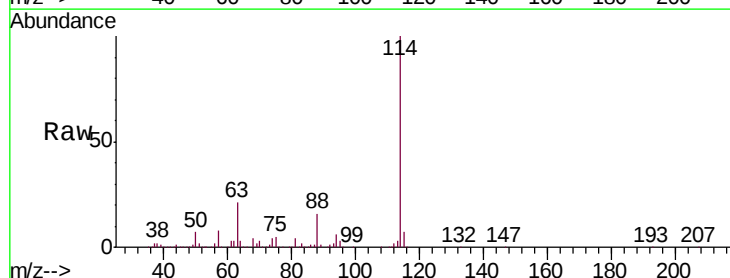
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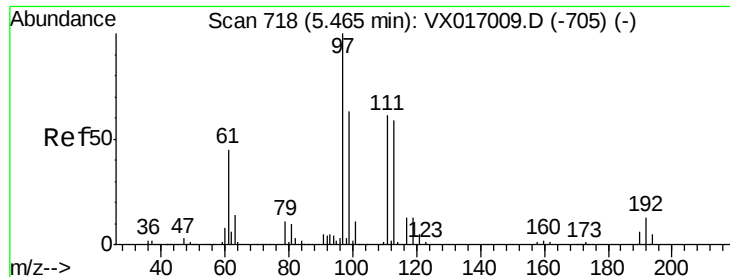
Tgt Ion: 65 Resp: 159163
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017275.D
 Acq: 08 Jul 2020 23:02

Tgt Ion: 114 Resp: 401822
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.6 0.0 32.4

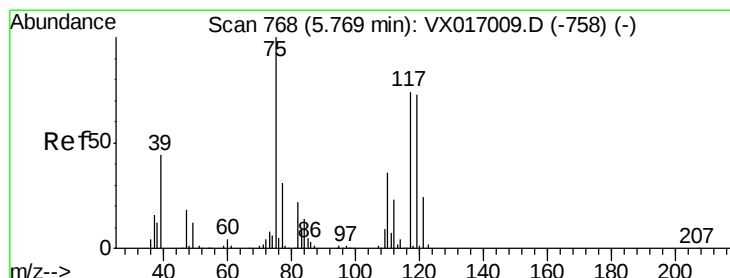
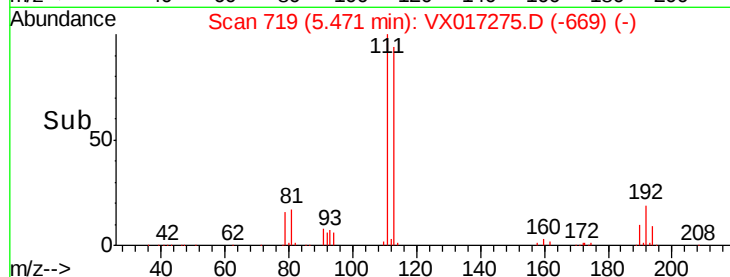
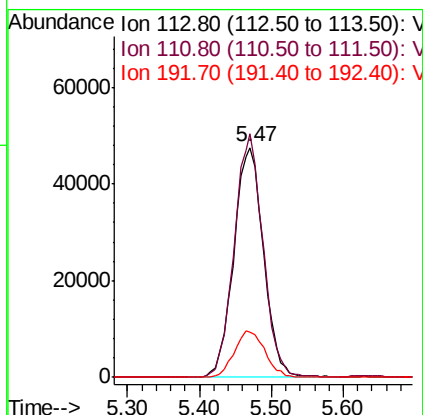
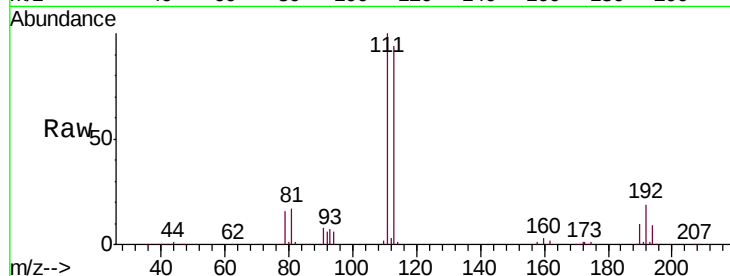




#35
 Dibromofluoromethane
 Concen: 53.656 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017275.D
 Acq: 08 Jul 2020 23:02

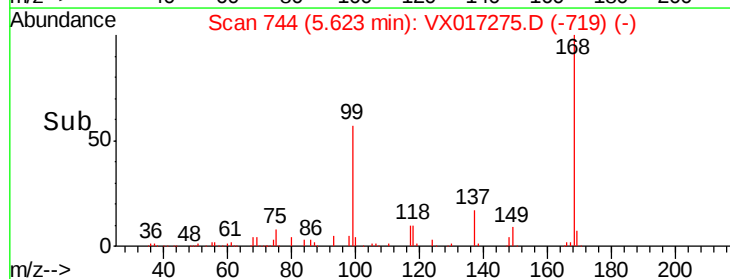
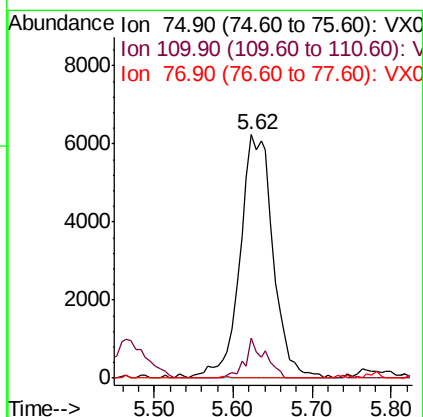
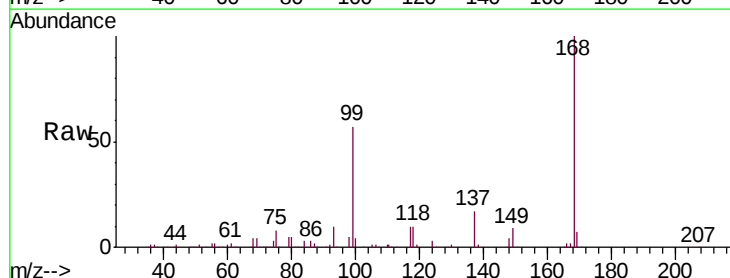
Instrument :
 MSVOA_X
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 VX0708WBL03

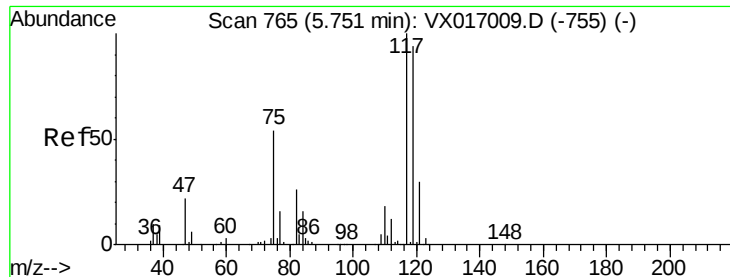
Tgt Ion:113 Resp: 136382
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 20.9 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX017275.D
 Acq: 08 Jul 2020 23:02

Tgt Ion: 75 Resp: 18152
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.1 54.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.688 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL03

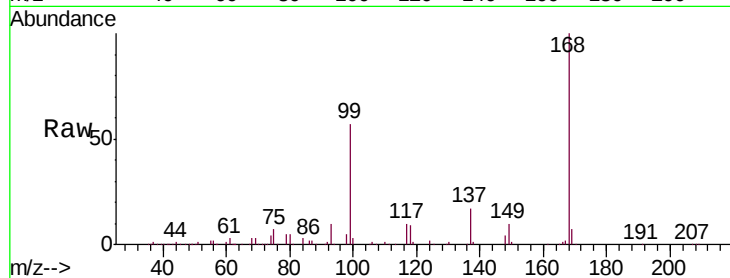
Tgt Ion:117 Resp: 23792

Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.0#

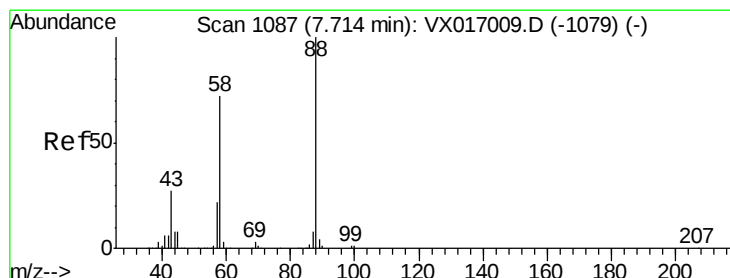
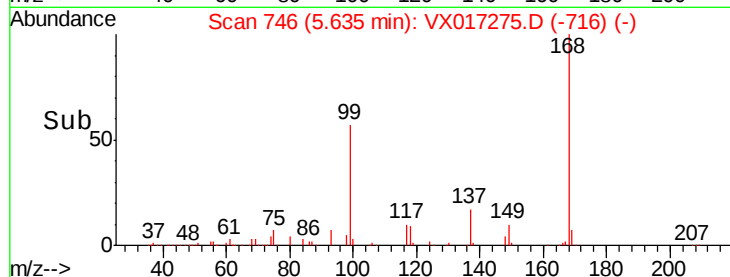
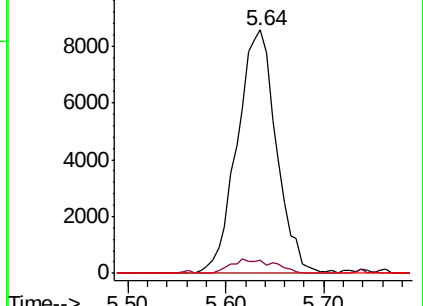
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.276 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

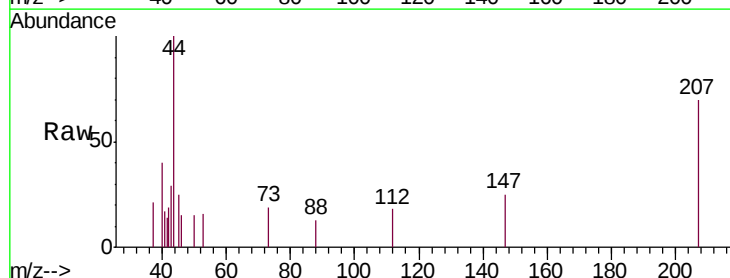
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 1221.1 25.8 38.8#

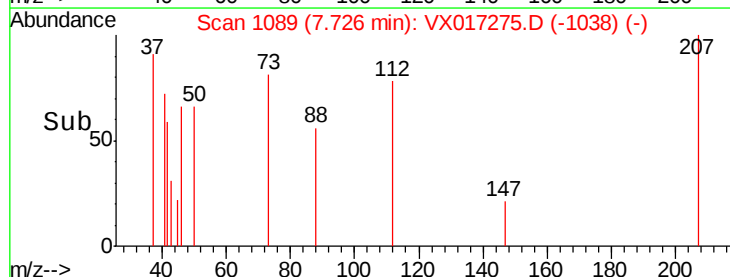
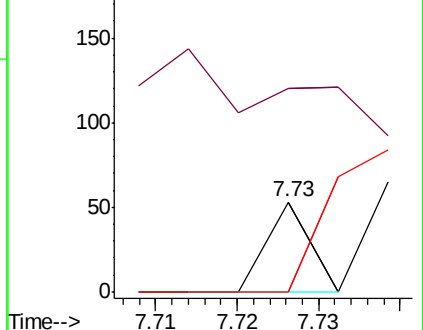
58 0.0 54.8 82.2#

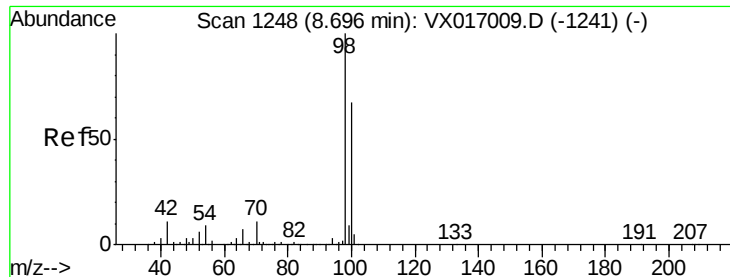


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.918 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

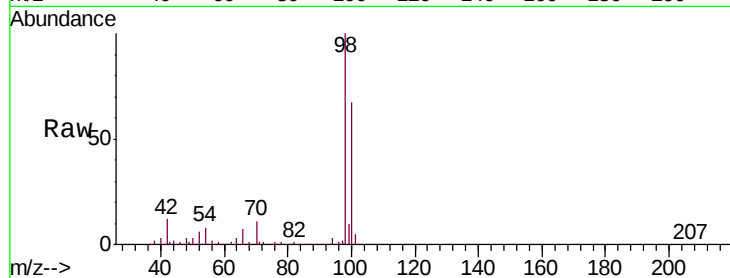
VX0708WBL03

Tgt Ion: 98 Resp: 478585

Ion Ratio Lower Upper

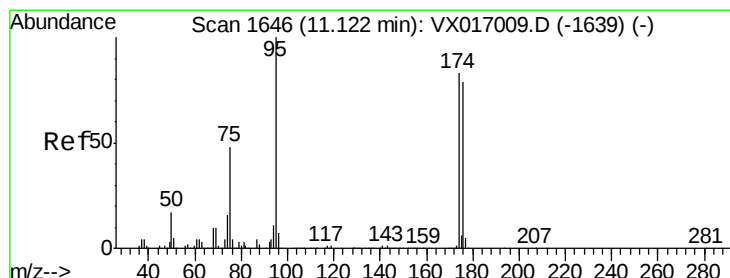
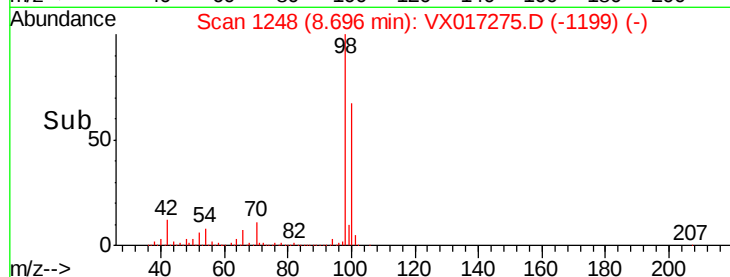
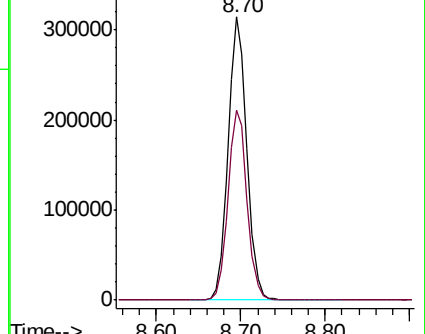
98 100

100 67.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 56.211 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

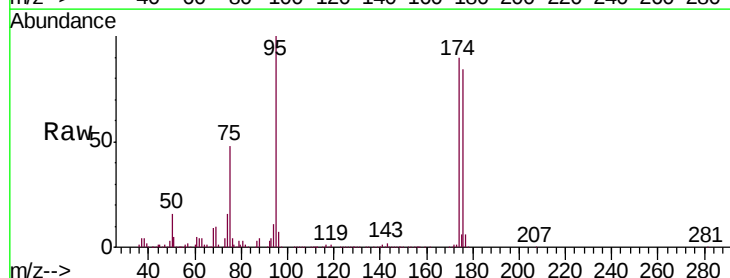
Tgt Ion: 95 Resp: 206531

Ion Ratio Lower Upper

95 100

174 84.8 0.0 164.0

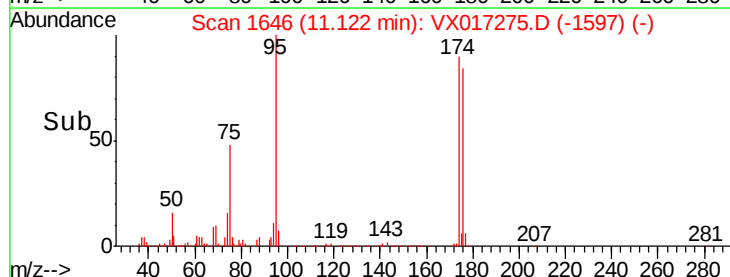
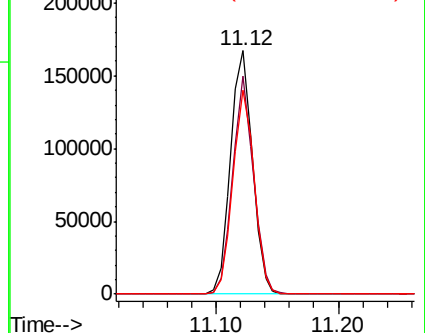
176 81.9 0.0 157.6

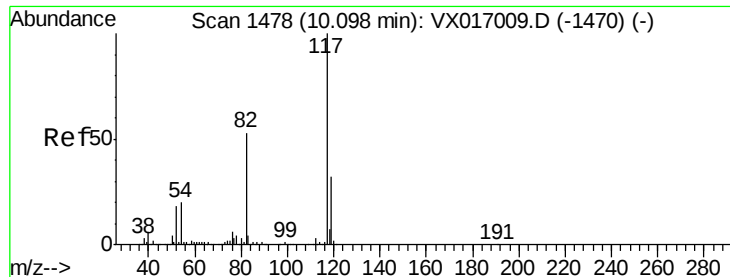


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

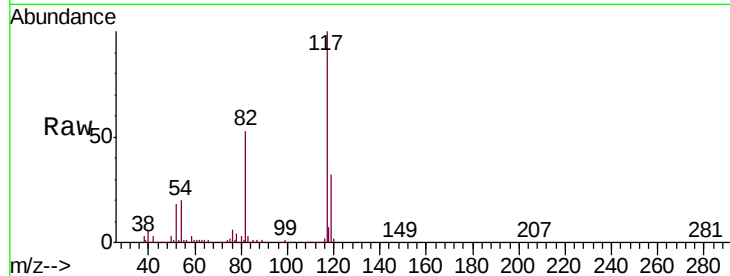




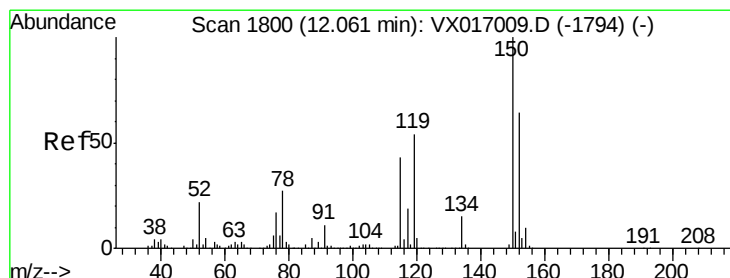
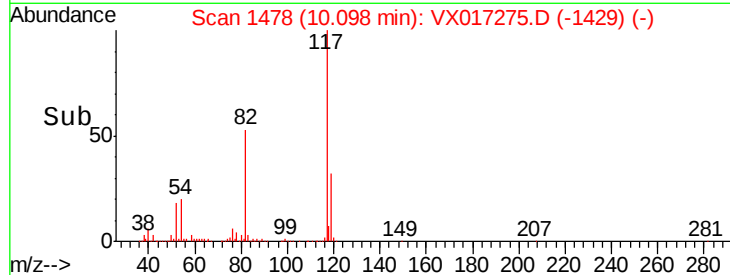
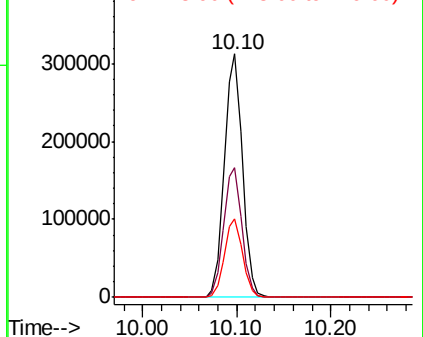
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017275.D
Acq: 08 Jul 2020 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL03

Tgt Ion:117 Resp: 416248
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 32.4 25.4 38.2

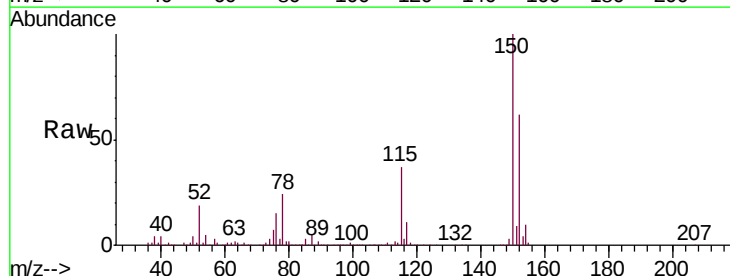


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

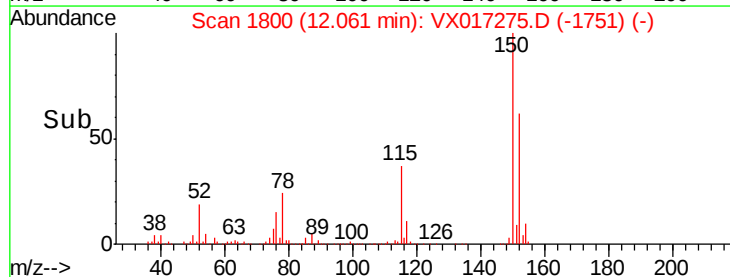
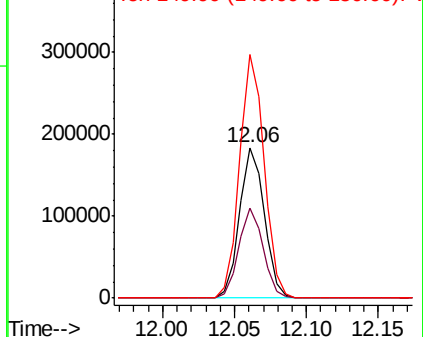


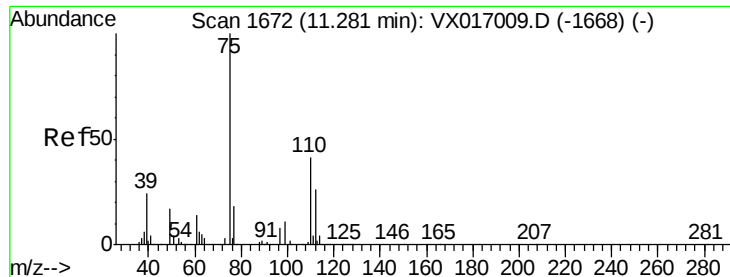
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017275.D
Acq: 08 Jul 2020 23:02

Tgt Ion:152 Resp: 220430
Ion Ratio Lower Upper
152 100
115 58.7 40.9 122.7
150 160.0 0.0 351.6



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: 23.196 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

Instrument :

MSVOA_X

ClientSampleId :

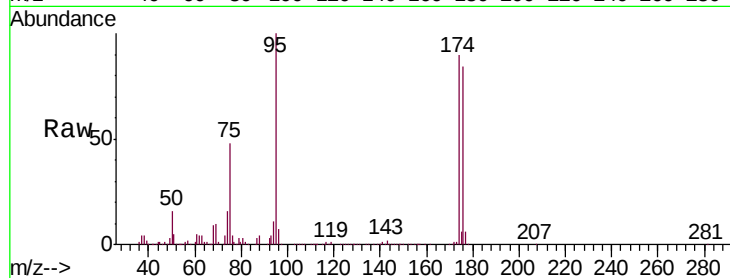
VX0708WBL03

Tgt Ion: 75 Resp: 100546

Ion Ratio Lower Upper

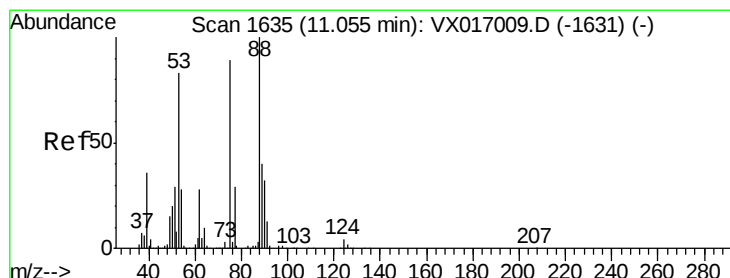
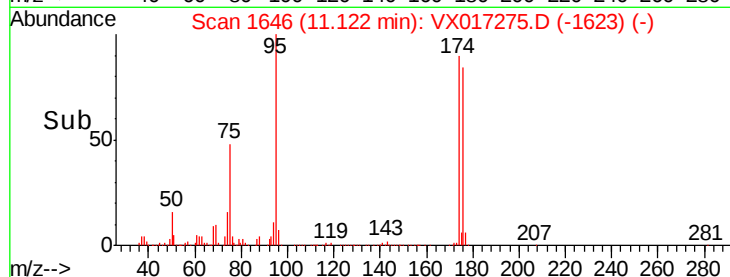
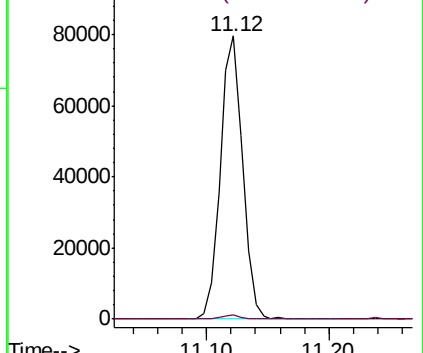
75 100

77 1.2 20.2 60.6#



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: 60.069 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017275.D

Acq: 08 Jul 2020 23:02

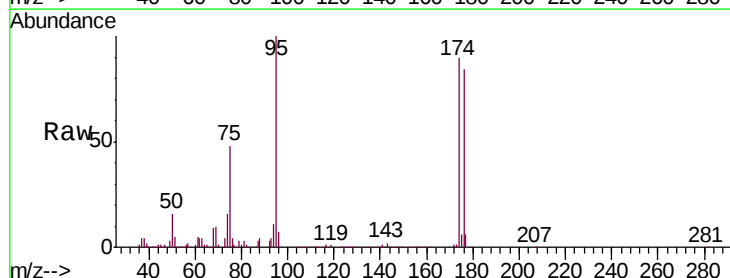
Tgt Ion: 75 Resp: 100546

Ion Ratio Lower Upper

75 100

53 0.0 72.4 108.6#

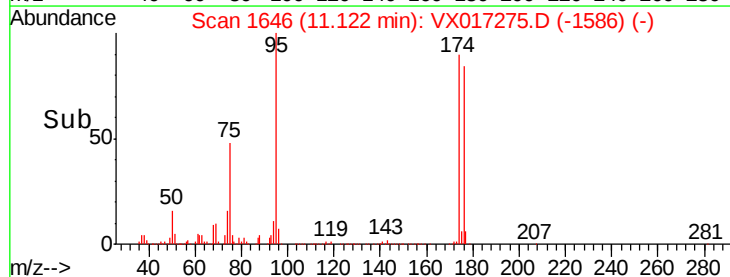
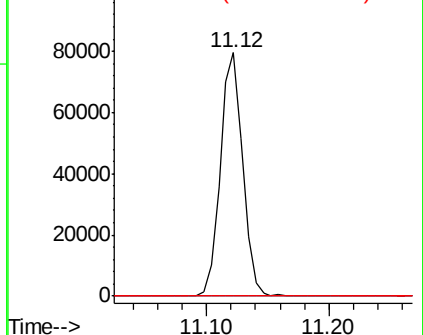
89 0.0 37.0 55.4#

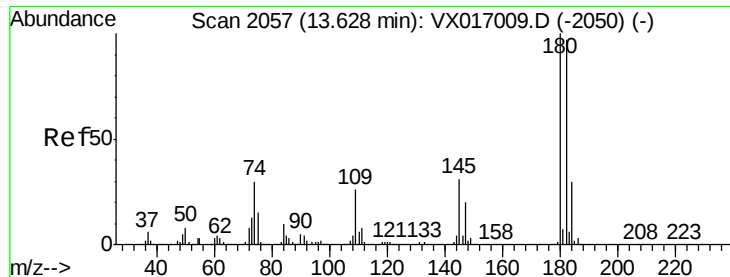


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

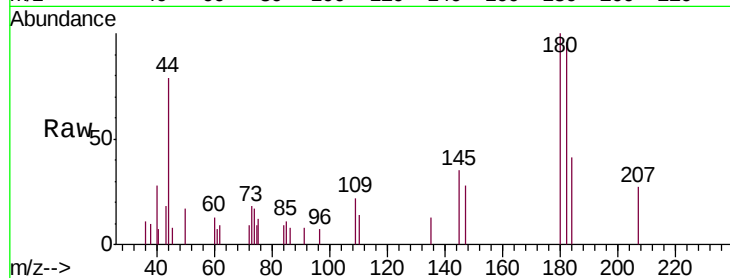




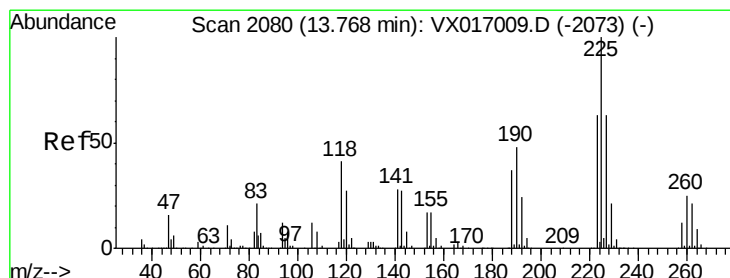
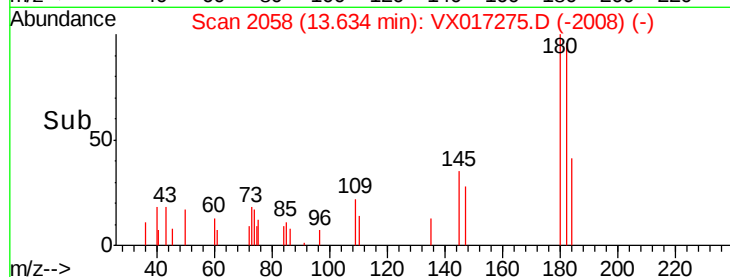
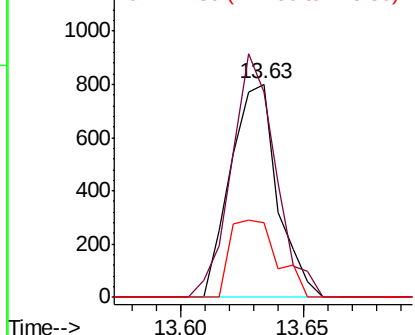
#93
1,2,4-Trichlorobenzene
Concen: 0.233 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX017275.D
Acq: 08 Jul 2020 23:02

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL03

Tgt Ion:180 Resp: 1070
Ion Ratio Lower Upper
180 100
182 107.3 47.3 141.9
145 36.8 15.4 46.2

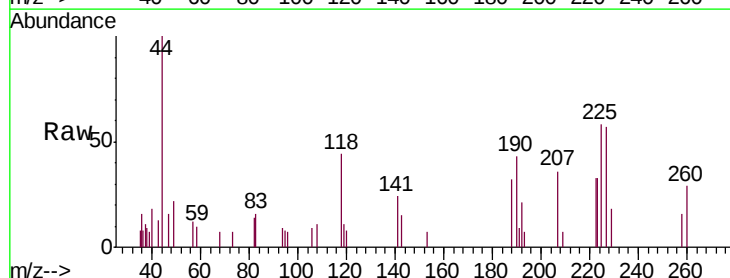


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

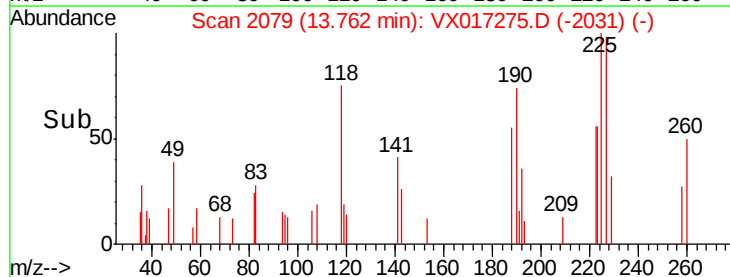
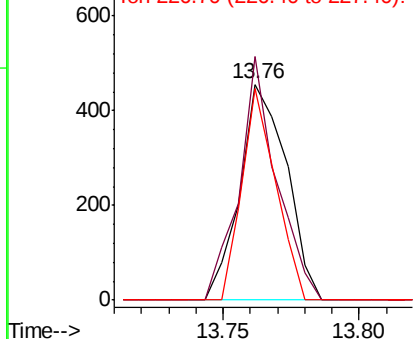


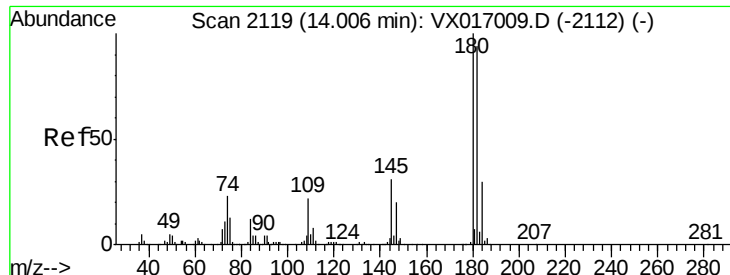
#94
Hexachlorobutadiene
Concen: 1.151 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017275.D
Acq: 08 Jul 2020 23:02

Tgt Ion:225 Resp: 544
Ion Ratio Lower Upper
225 100
223 90.3 32.5 97.5
227 71.0 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.224 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017275.D
 Acq: 08 Jul 2020 23:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.8	47.1	141.4
145	32.4	16.6	49.7

