

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016103.D
 Acq On : 07 May 2020 18:43
 Operator : JC/SP
 Sample : L2532-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW714-200506

Quant Time: May 08 02:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	277311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	456452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237450	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	172036	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	5.47	113	132623	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
50) Toluene-d8	8.70	98	562065	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	228981	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	

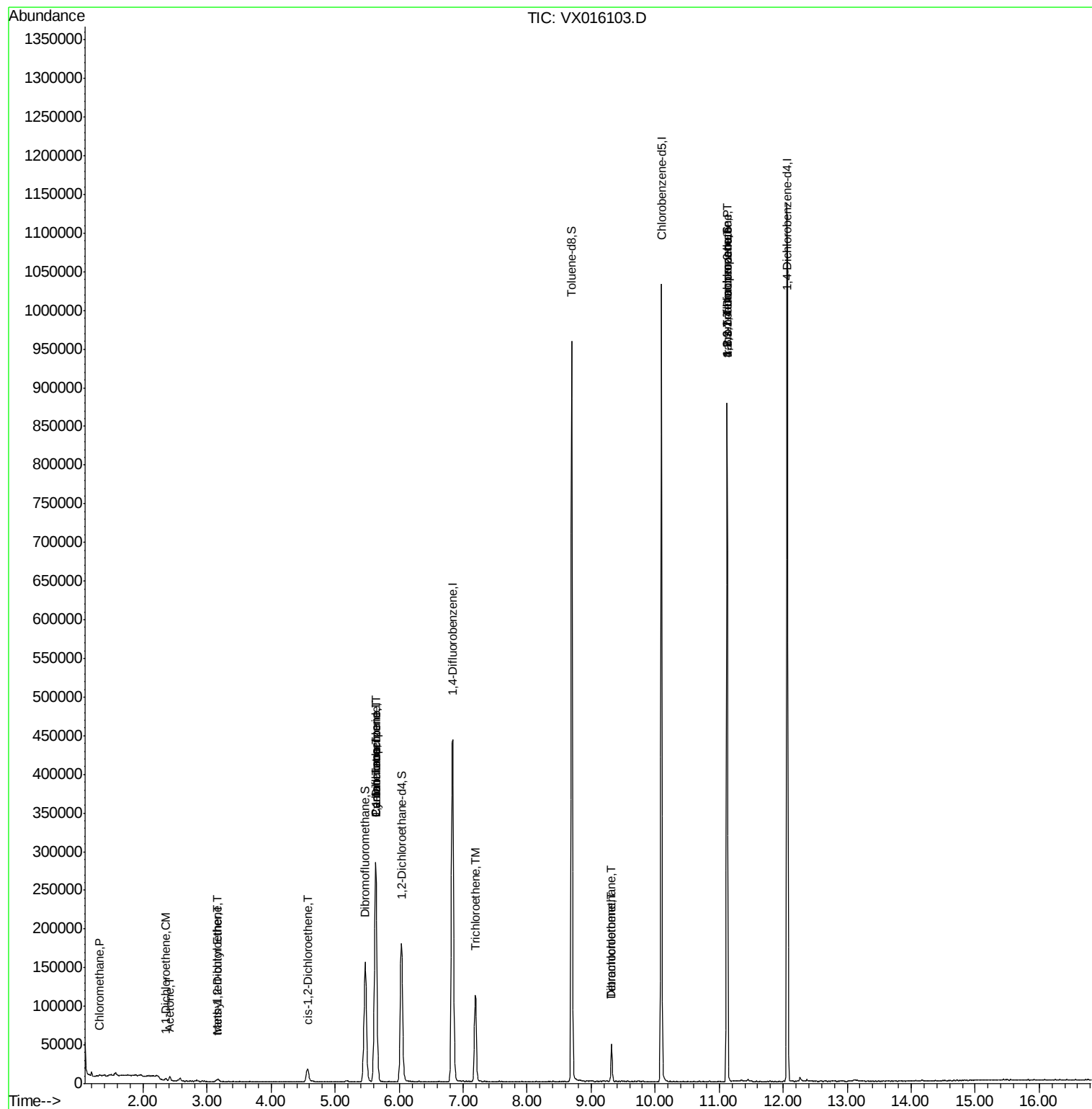
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	737	0.216	ug/l	99
12) 1,1-Dichloroethene	2.36	96	750	0.260	ug/l #	75
16) Acetone	2.42	43	5191	3.188	ug/l	98
17) Carbon Disulfide	2.55	76	1213	Below Cal	#	78
19) Methyl tert-butyl Ether	3.17	73	3063	0.308	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	889	0.277	ug/l #	61
27) cis-1,2-Dichloroethene	4.57	96	11610	3.306	ug/l	83
31) Cyclohexane	5.64	56	5674	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	20344	4.528	ug/l #	50
38) Carbon Tetrachloride	5.63	117	27039	5.921	ug/l #	15
44) Trichloroethene	7.19	130	44087	9.439	ug/l	96
60) Dibromochloromethane	9.32	129	8803	2.479	ug/l #	11
64) Tetrachloroethene	9.32	164	9124	1.650	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.12	83	191	2.108	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	115384	21.414	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	115384	51.031	ug/l #	13

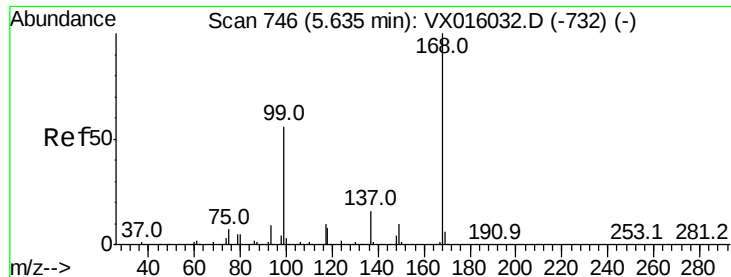
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050720\
Data File : VX016103.D
Acq On : 07 May 2020 18:43
Operator : JC/SP
Sample : L2532-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW714-200506

Quant Time: May 08 02:06:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 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: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

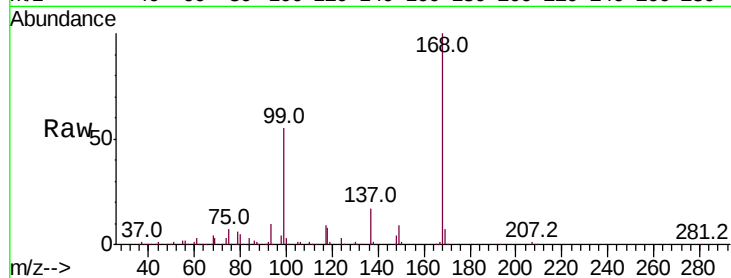
SS052MW714-200506

Tot Ion:168 Resp: 277311

Ion Ratio Lower Upper

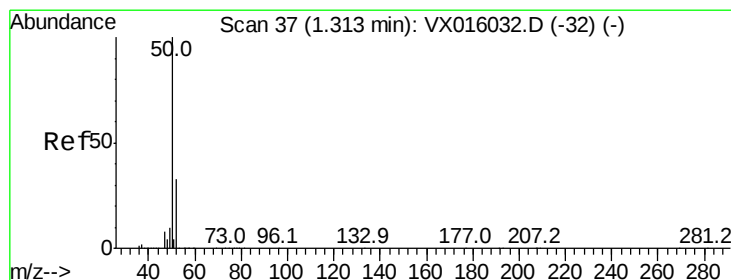
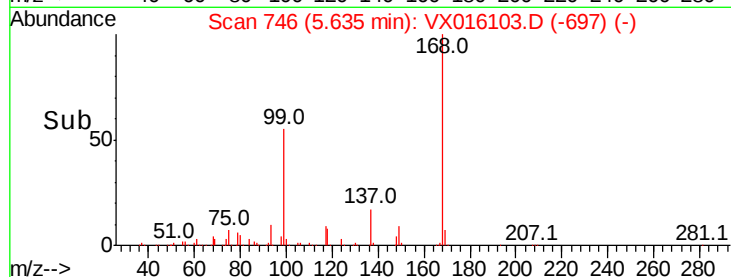
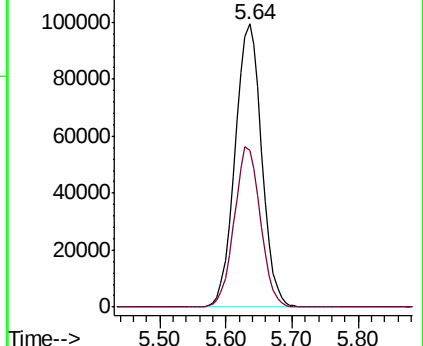
168 100

99 55.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.216 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016103.D

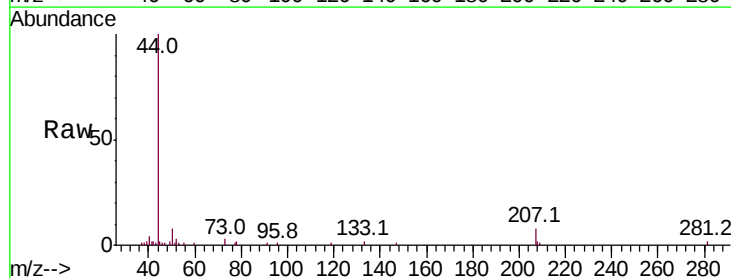
Acq: 07 May 2020 18:43

Tgt Ion: 50 Resp: 737

Ion Ratio Lower Upper

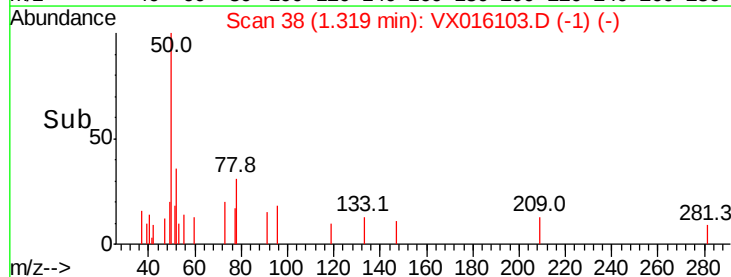
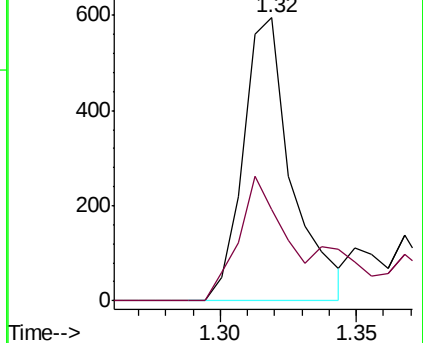
50 100

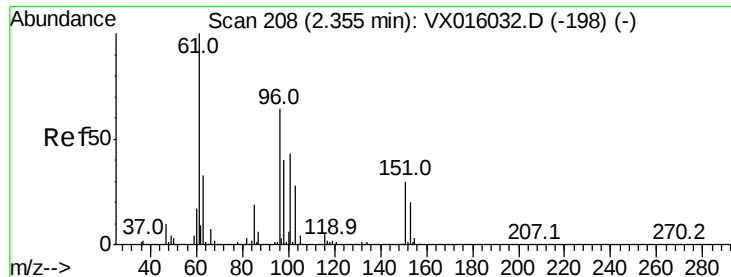
52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#12

1,1-Dichloroethene

Concen: 0.260 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

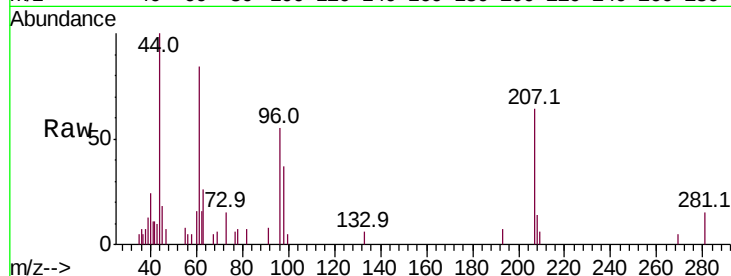
Tot Ion: 96 Resp: 750

Ion Ratio Lower Upper

96 100

61 187.9 124.8 187.2#

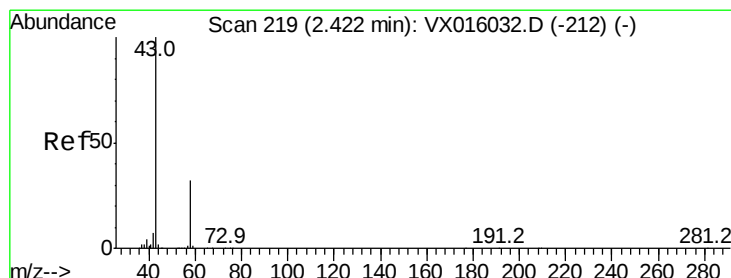
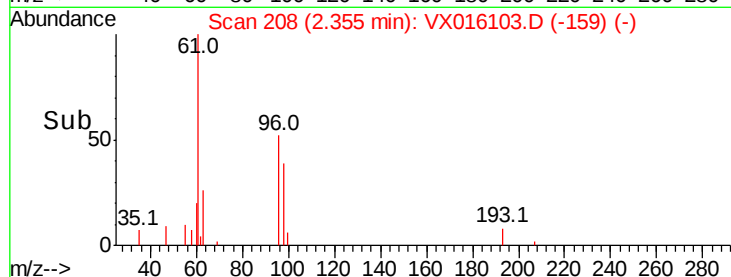
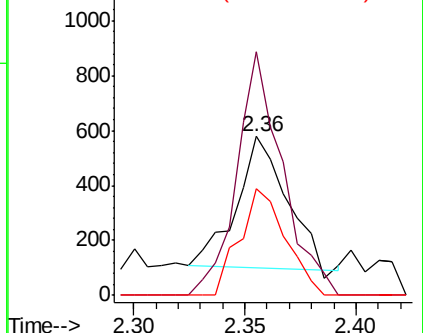
98 82.6 49.7 74.5#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 3.188 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016103.D

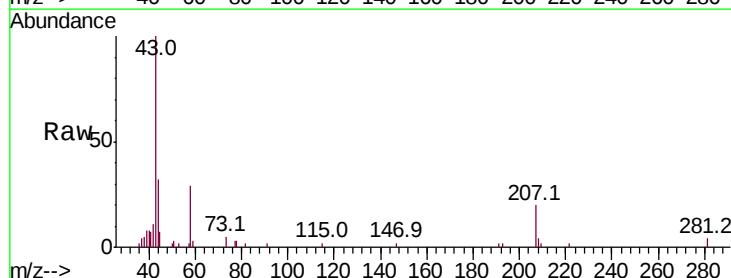
Acq: 07 May 2020 18:43

Tgt Ion: 43 Resp: 5191

Ion Ratio Lower Upper

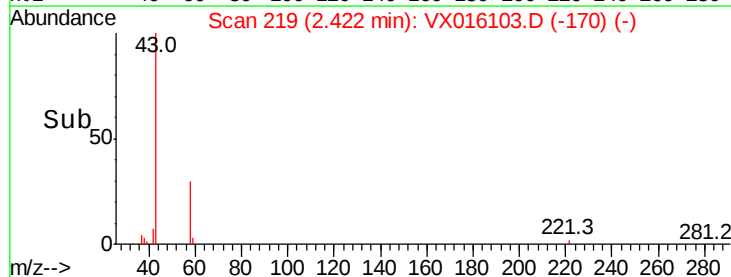
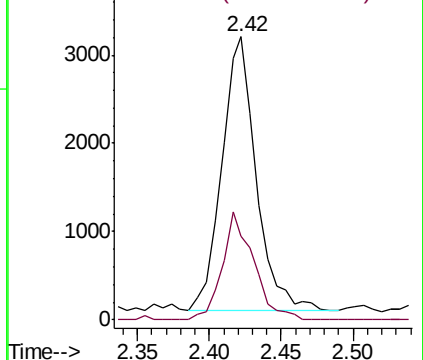
43 100

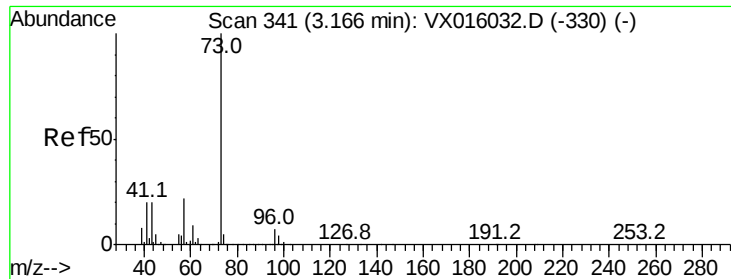
58 30.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



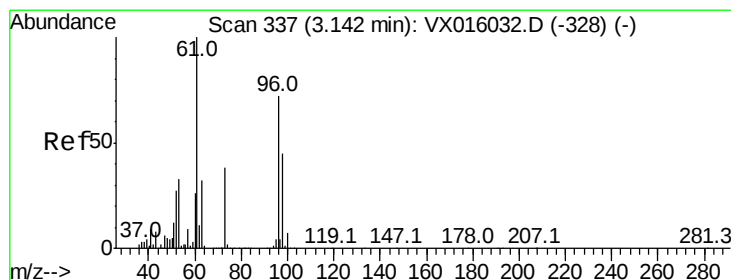
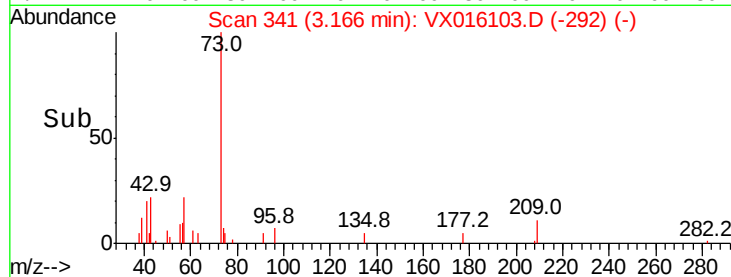
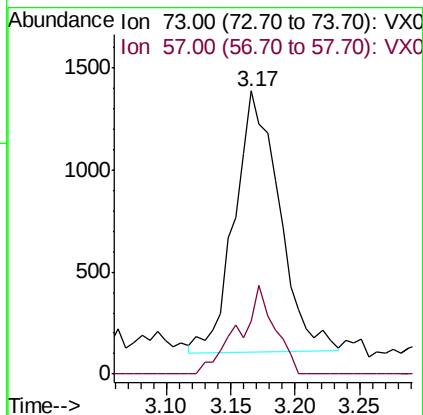
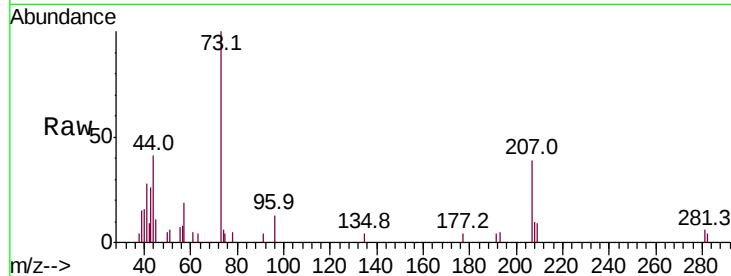


#19

Methyl tert-butyl Ether
 Concen: 0.308 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016103.D
 Acq: 07 May 2020 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW714-200506

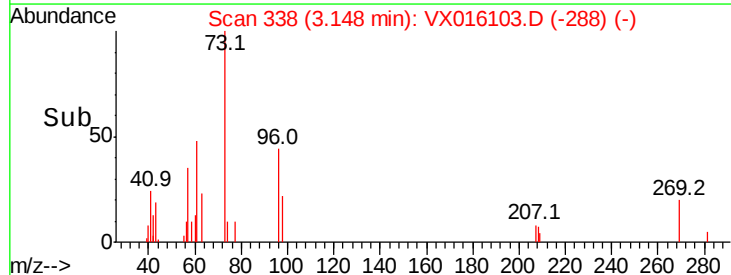
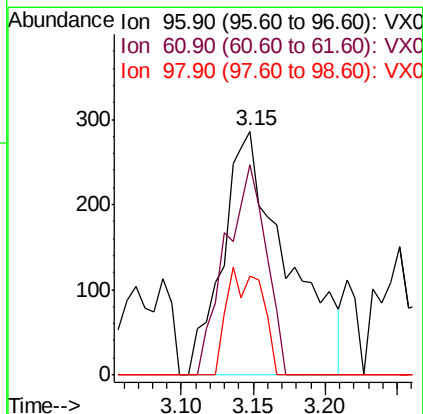
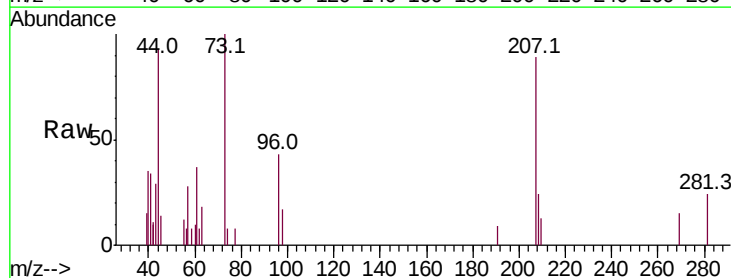
Tot Ion: 73 Resp: 3063
 Ion Ratio Lower Upper
 73 100
 57 20.4 17.8 26.6

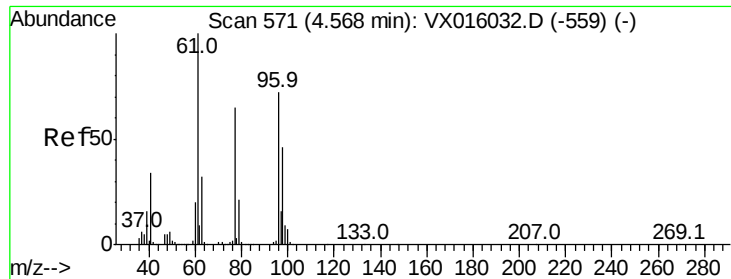


#21

trans-1,2-Dichloroethene
 Concen: 0.277 ug/l
 RT: 3.15 min Scan# 338
 Delta R.T. 0.01 min
 Lab File: VX016103.D
 Acq: 07 May 2020 18:43

Tgt Ion: 96 Resp: 889
 Ion Ratio Lower Upper
 96 100
 61 86.4 111.2 166.8#
 98 40.6 50.2 75.4#



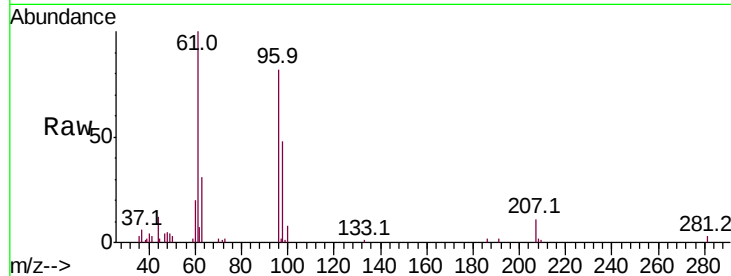


#27

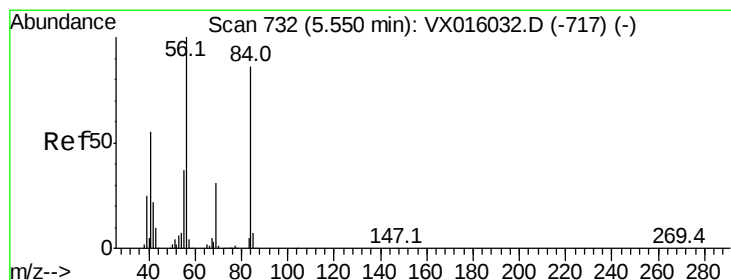
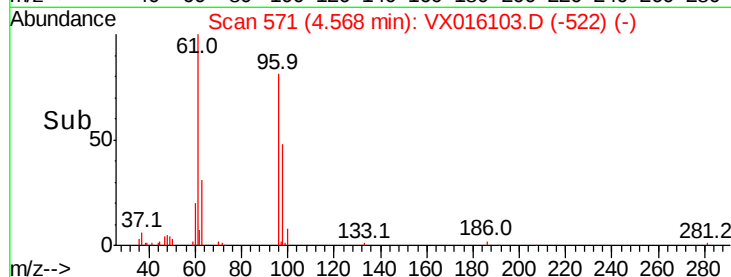
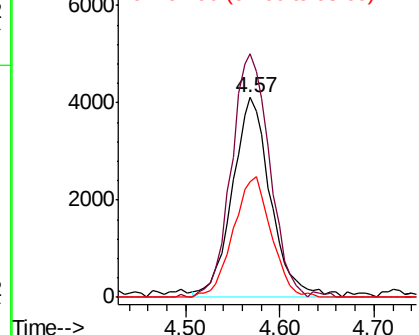
cis-1,2-Dichloroethene
Concen: 3.306 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016103.D
Acq: 07 May 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :
SS052MW714-200506

Tot Ion: 96 Resp: 11610
Ion Ratio Lower Upper
96 100
61 120.9 0.0 296.2
98 59.7 0.0 129.4



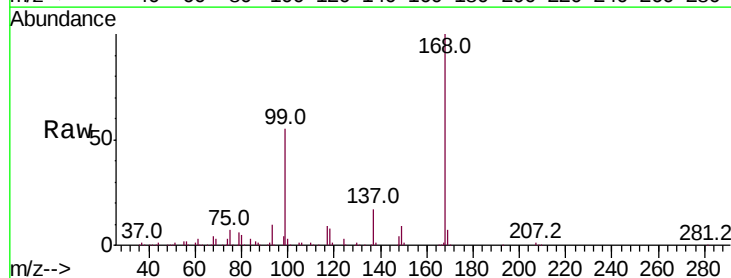
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



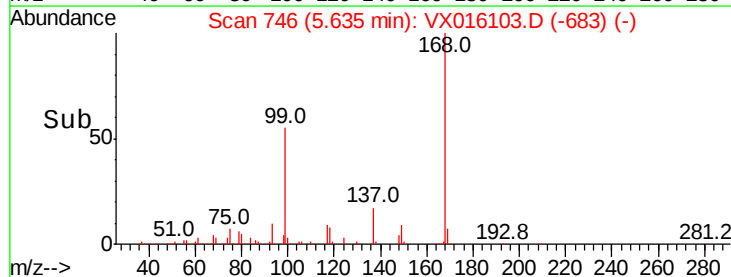
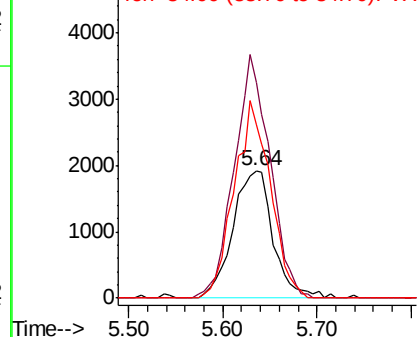
#31

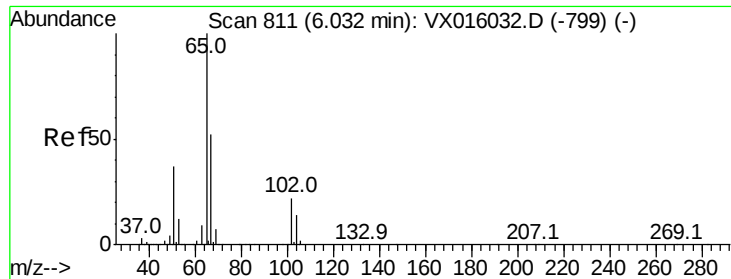
Cyclohexane
Concen: 1.119 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016103.D
Acq: 07 May 2020 18:43

Tgt Ion: 56 Resp: 5674
Ion Ratio Lower Upper
56 100
69 168.9 25.0 37.6#
84 136.5 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.144 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

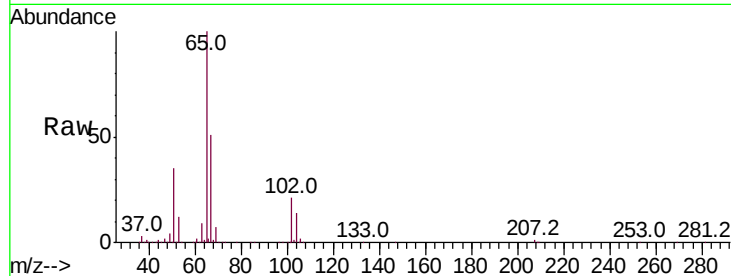
SS052MW714-200506

Tot Ion: 65 Resp: 172036

Ion Ratio Lower Upper

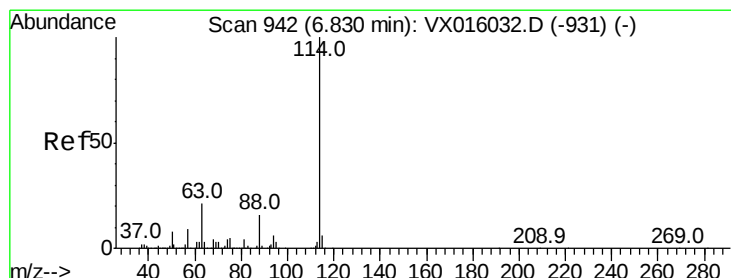
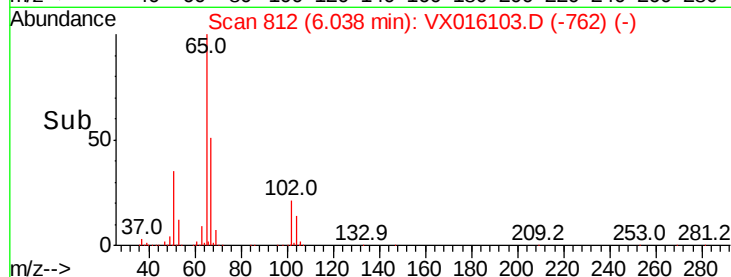
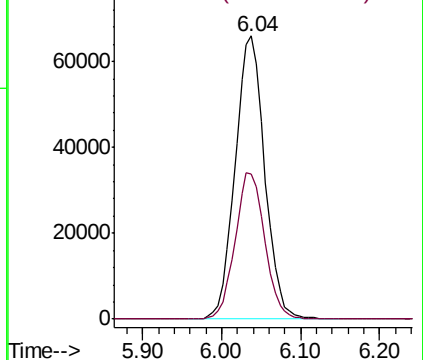
65 100

67 52.0 0.0 104.8



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: VX016103.D

Acq: 07 May 2020 18:43

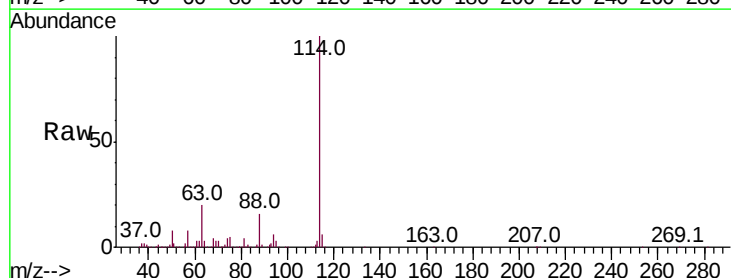
Tgt Ion: 114 Resp: 456452

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

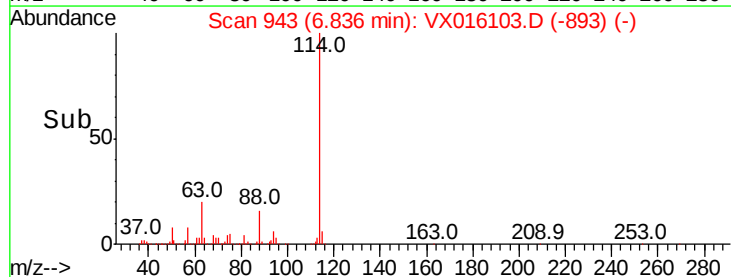
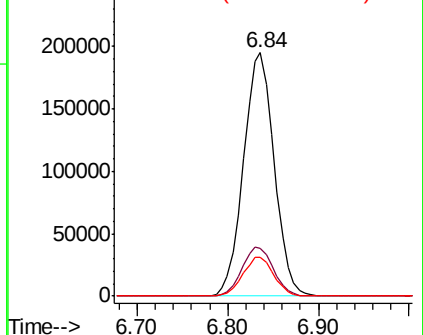
88 15.8 0.0 31.4

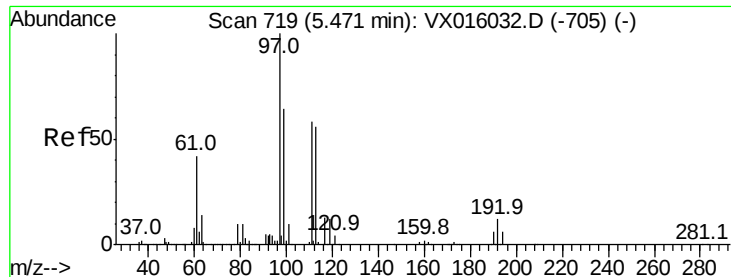


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.861 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

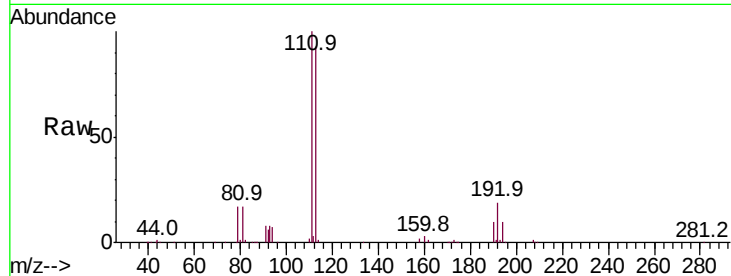
Tot Ion:113 Resp: 132623

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

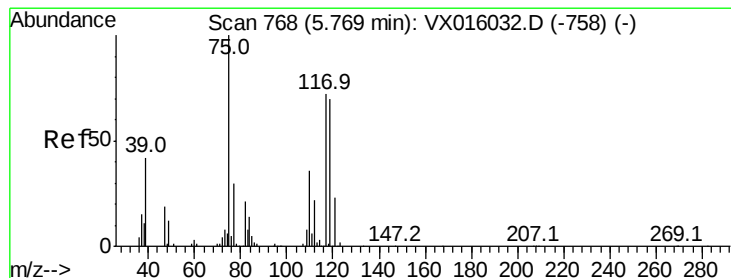
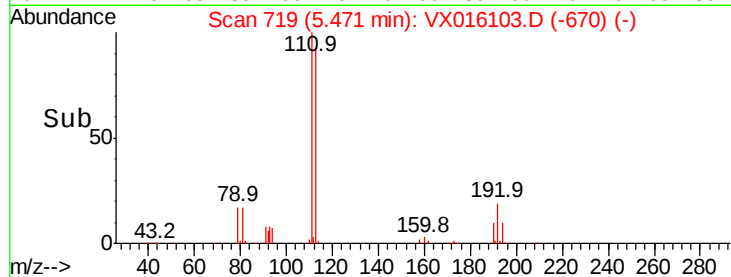
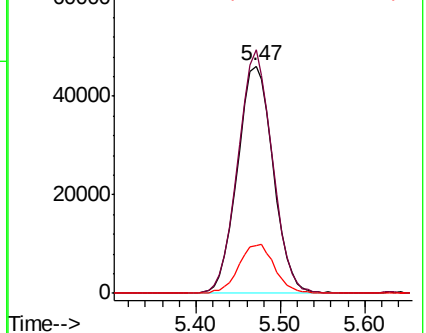
192 21.6 17.0 25.4



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: 4.528 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

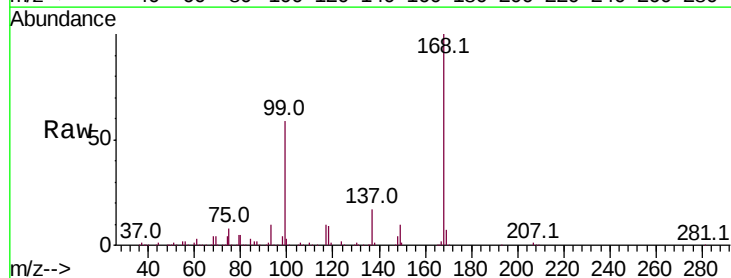
Tgt Ion: 75 Resp: 20344

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.1#

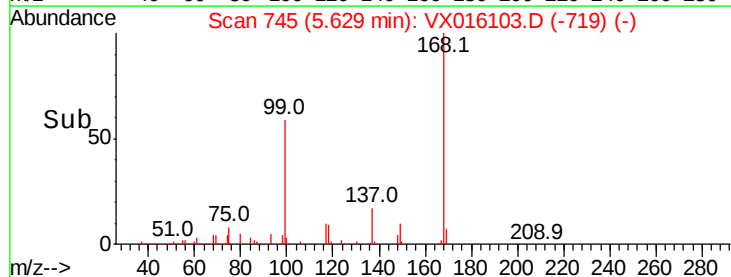
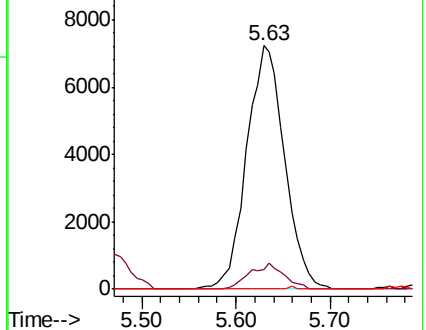
77 0.0 25.0 37.6#

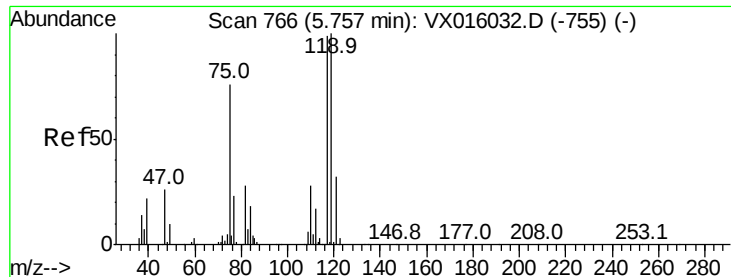


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.921 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

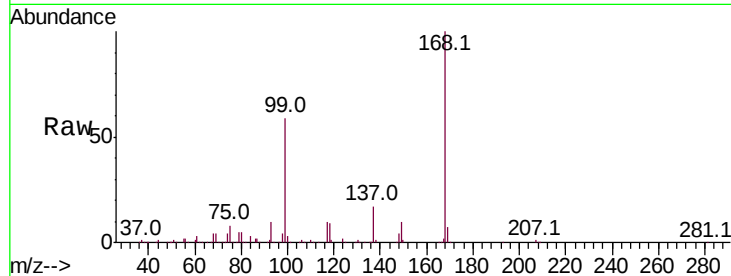
Tot Ion:117 Resp: 27039

Ion Ratio Lower Upper

117 100

119 5.9 80.3 120.5#

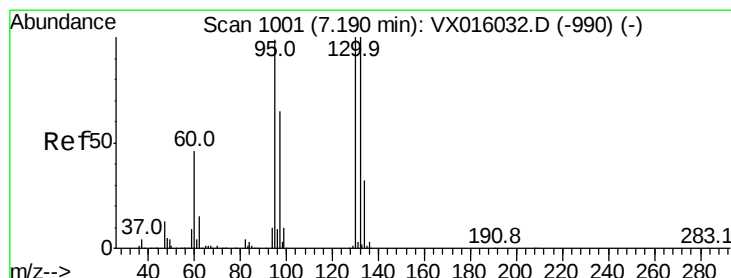
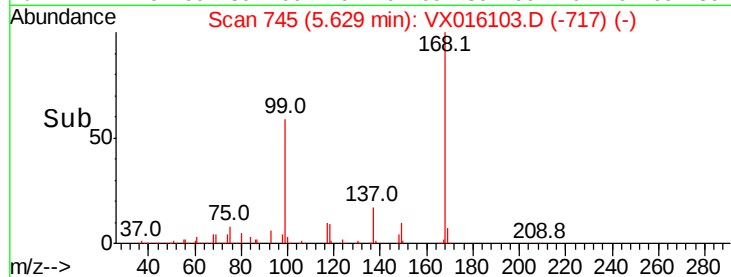
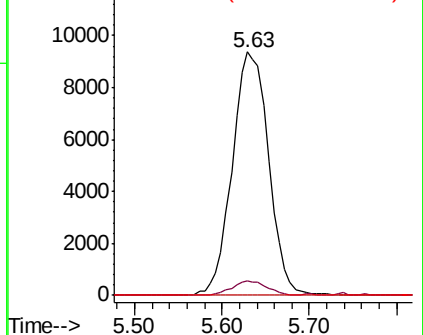
121 0.0 25.7 38.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 9.439 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016103.D

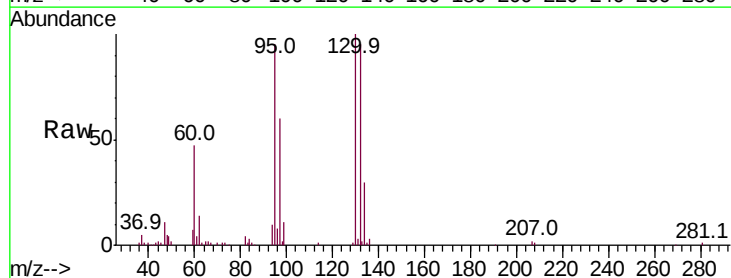
Acq: 07 May 2020 18:43

Tgt Ion:130 Resp: 44087

Ion Ratio Lower Upper

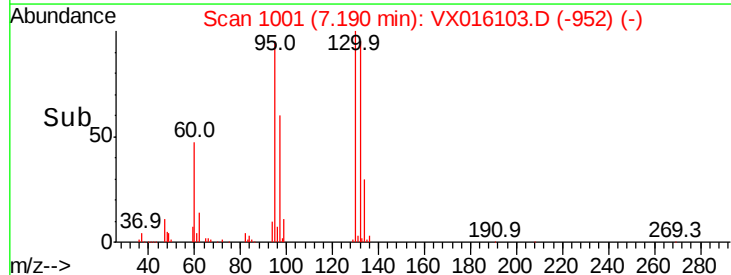
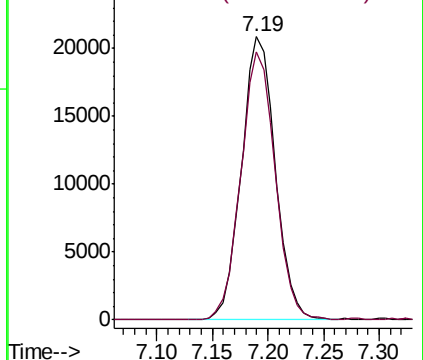
130 100

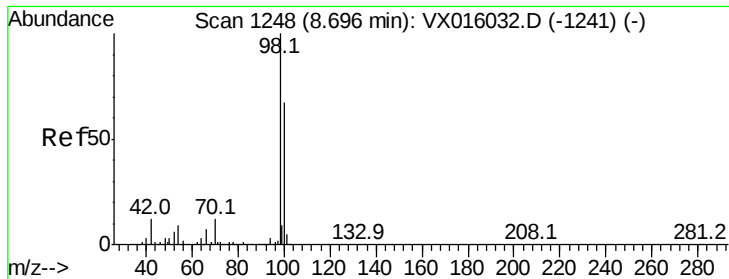
95 94.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.444 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

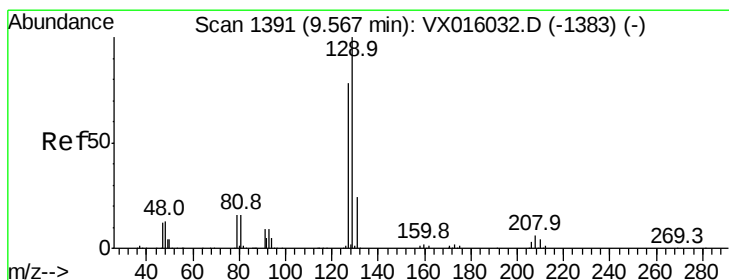
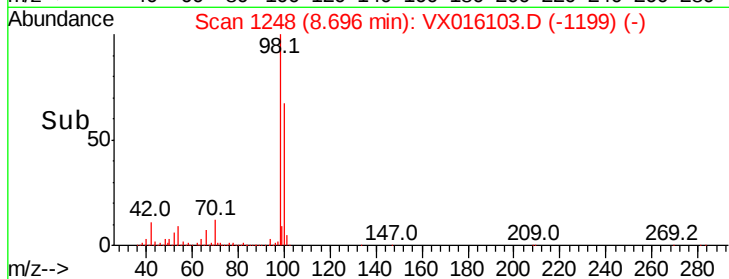
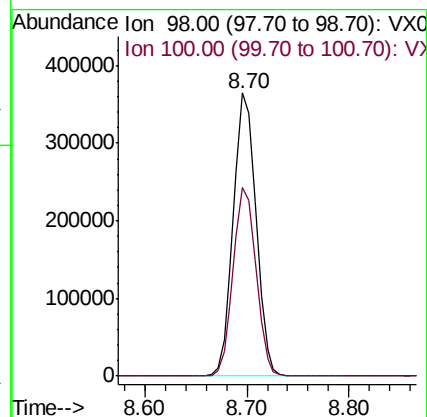
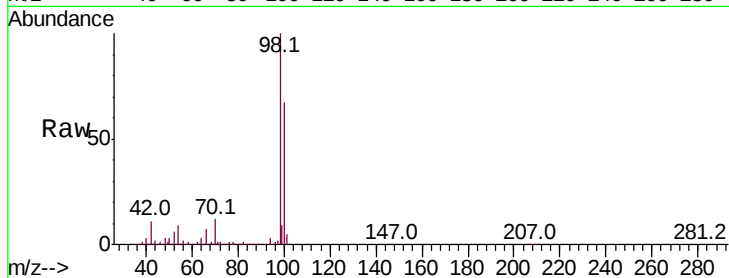
SS052MW714-200506

Tot Ion: 98 Resp: 562065

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5



#60

Dibromochloromethane

Concen: 2.479 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016103.D

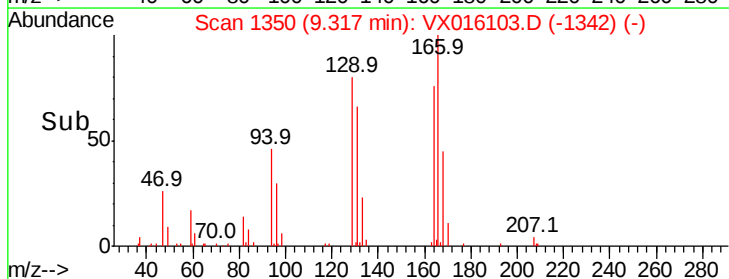
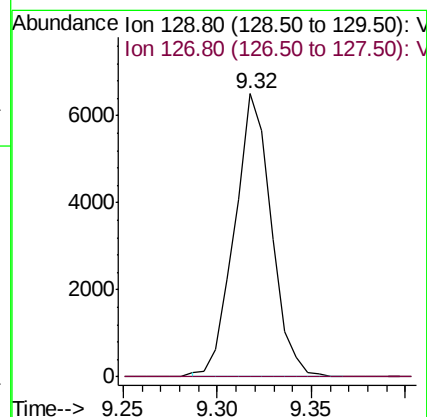
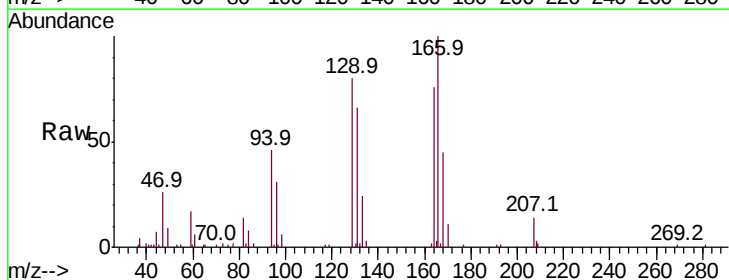
Acq: 07 May 2020 18:43

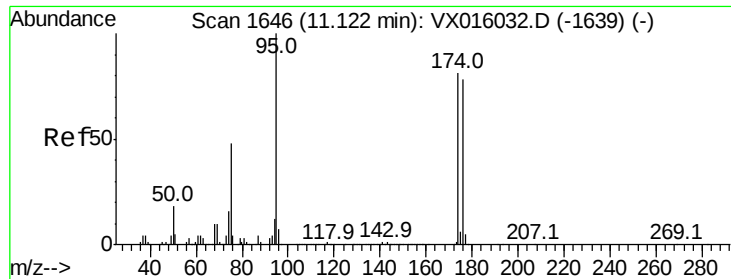
Tgt Ion:129 Resp: 8803

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#





#62

4-Bromofluorobenzene

Concen: 54.030 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

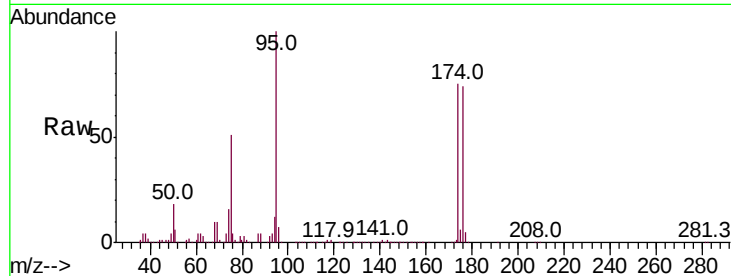
Tot Ion: 95 Resp: 228981

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.4

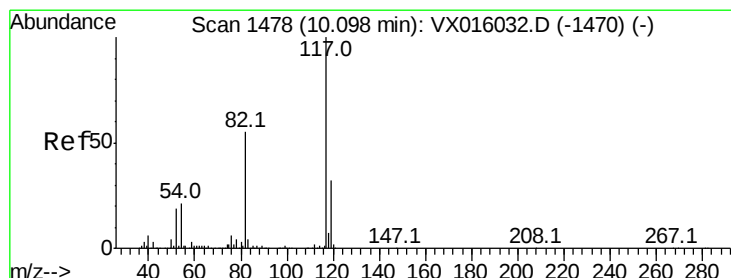
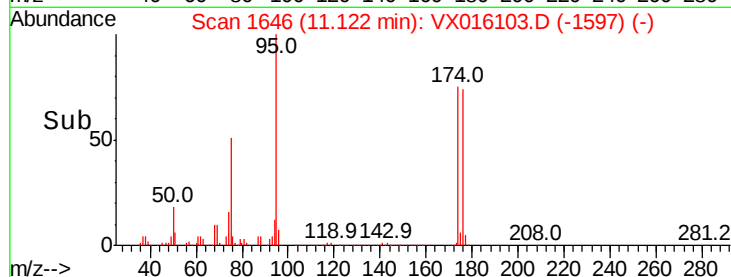
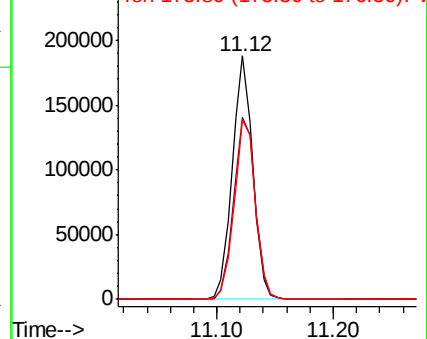
176 76.9 0.0 157.6



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: VX016103.D

Acq: 07 May 2020 18:43

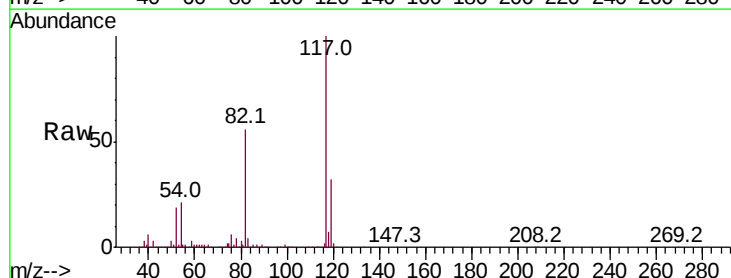
Tgt Ion: 117 Resp: 450530

Ion Ratio Lower Upper

117 100

82 55.8 44.4 66.6

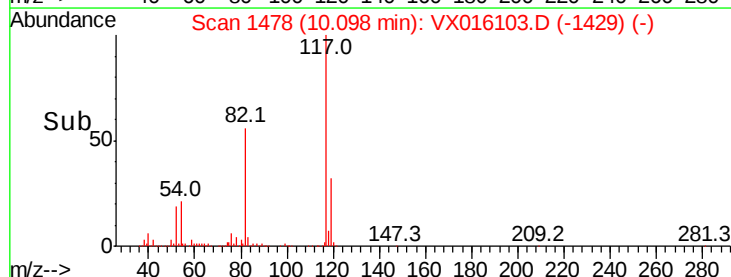
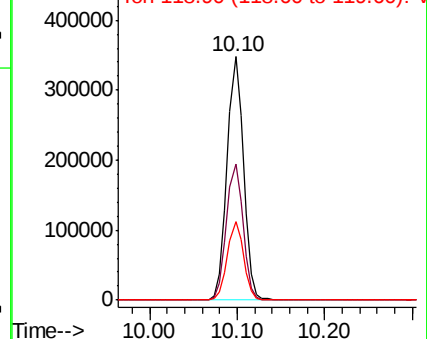
119 32.2 25.5 38.3

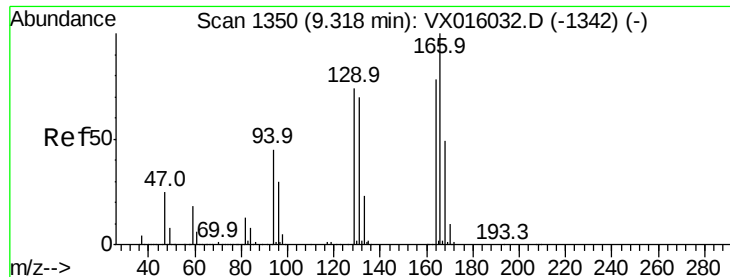


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.650 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

Tot Ion:164 Resp: 9124

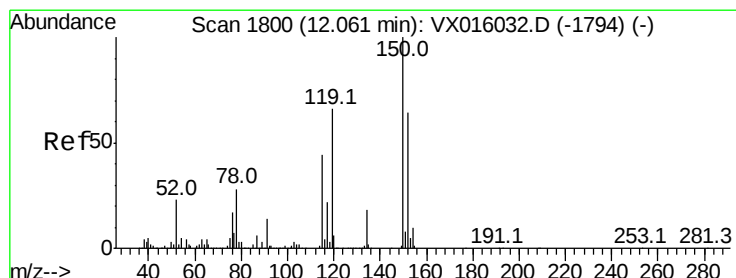
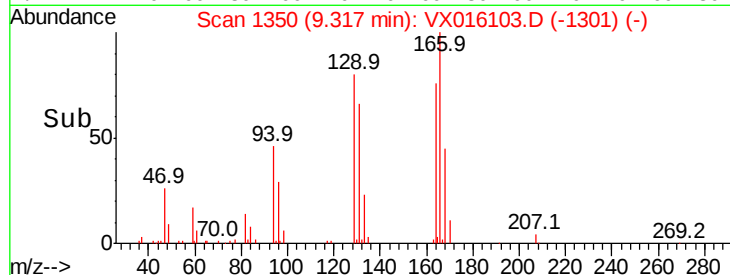
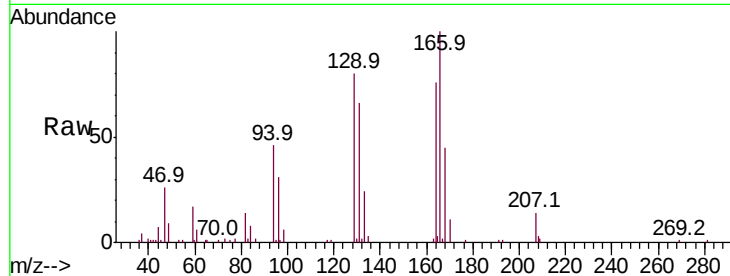
Ion Ratio Lower Upper

164 100

166 132.4 102.9 154.3

129 106.6 76.1 114.1

131 87.3 71.9 107.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

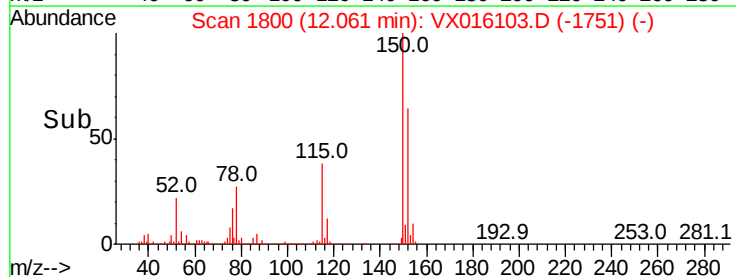
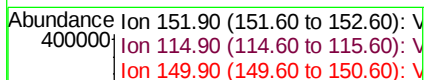
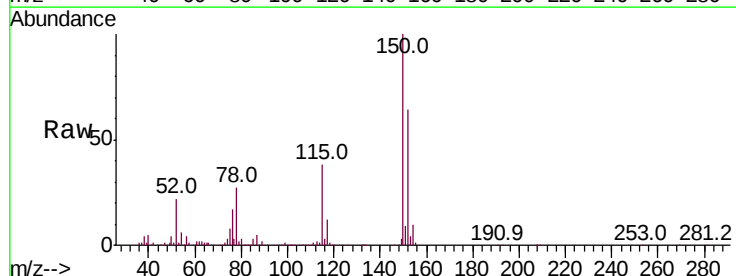
Tgt Ion:152 Resp: 237450

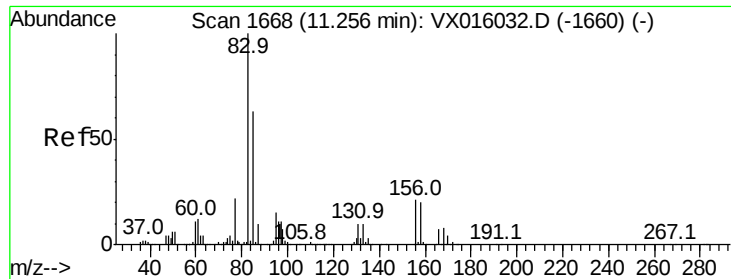
Ion Ratio Lower Upper

152 100

115 58.0 41.3 124.1

150 155.8 0.0 352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.108 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.13 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

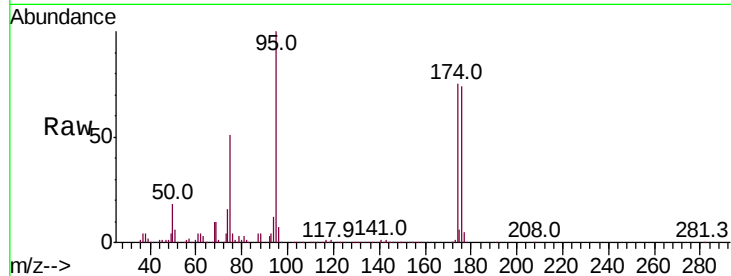
Tot Ion: 83 Resp: 191

Ion Ratio Lower Upper

83 100

131 175.9 5.1 15.4#

85 0.0 32.0 96.0#



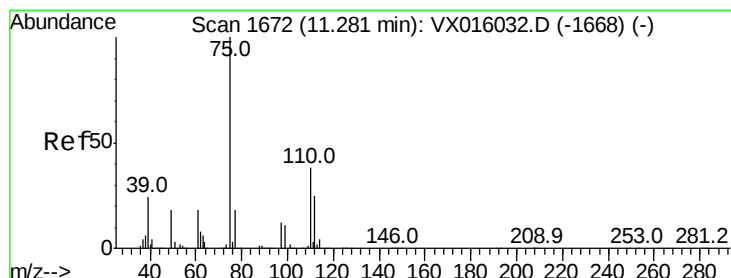
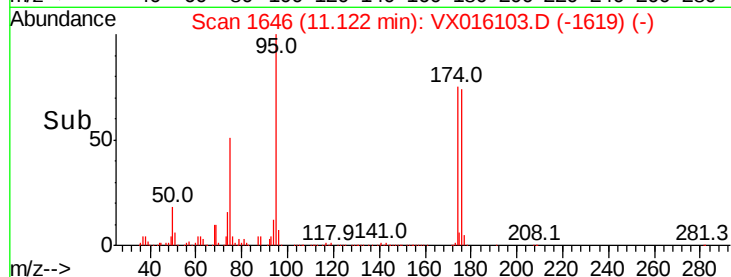
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.12

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.414 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016103.D

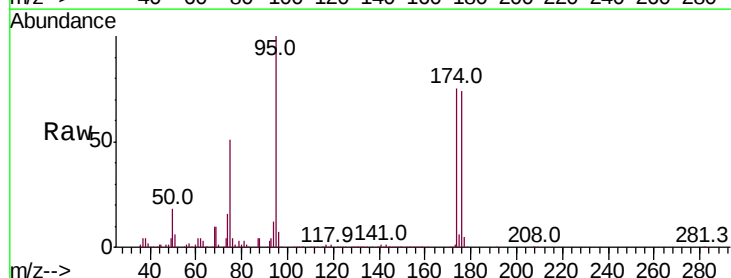
Acq: 07 May 2020 18:43

Tgt Ion: 75 Resp: 115384

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#

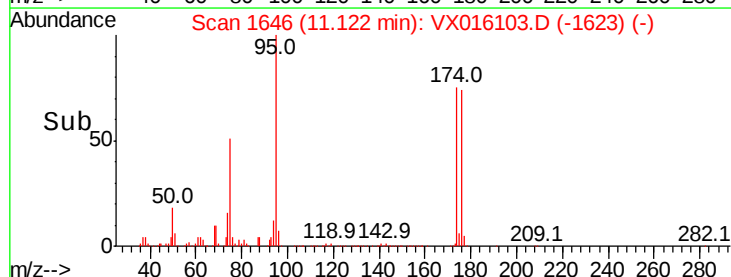


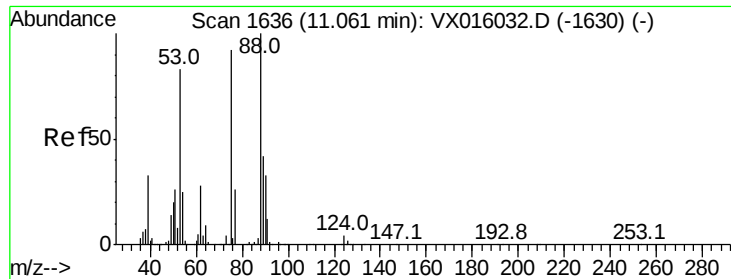
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.031 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016103.D

Acq: 07 May 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

SS052MW714-200506

Tot Ion: 75 Resp: 115384

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#

