

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016326.D
 Acq On : 19 May 2020 12:03
 Operator : JC/SP
 Sample : L2672-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-200514

Quant Time: May 20 03:45:27 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	5.63	168	253773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	422493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147419	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
35) Dibromofluoromethane	5.47	113	121009	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.70	98	517208	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	202887	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

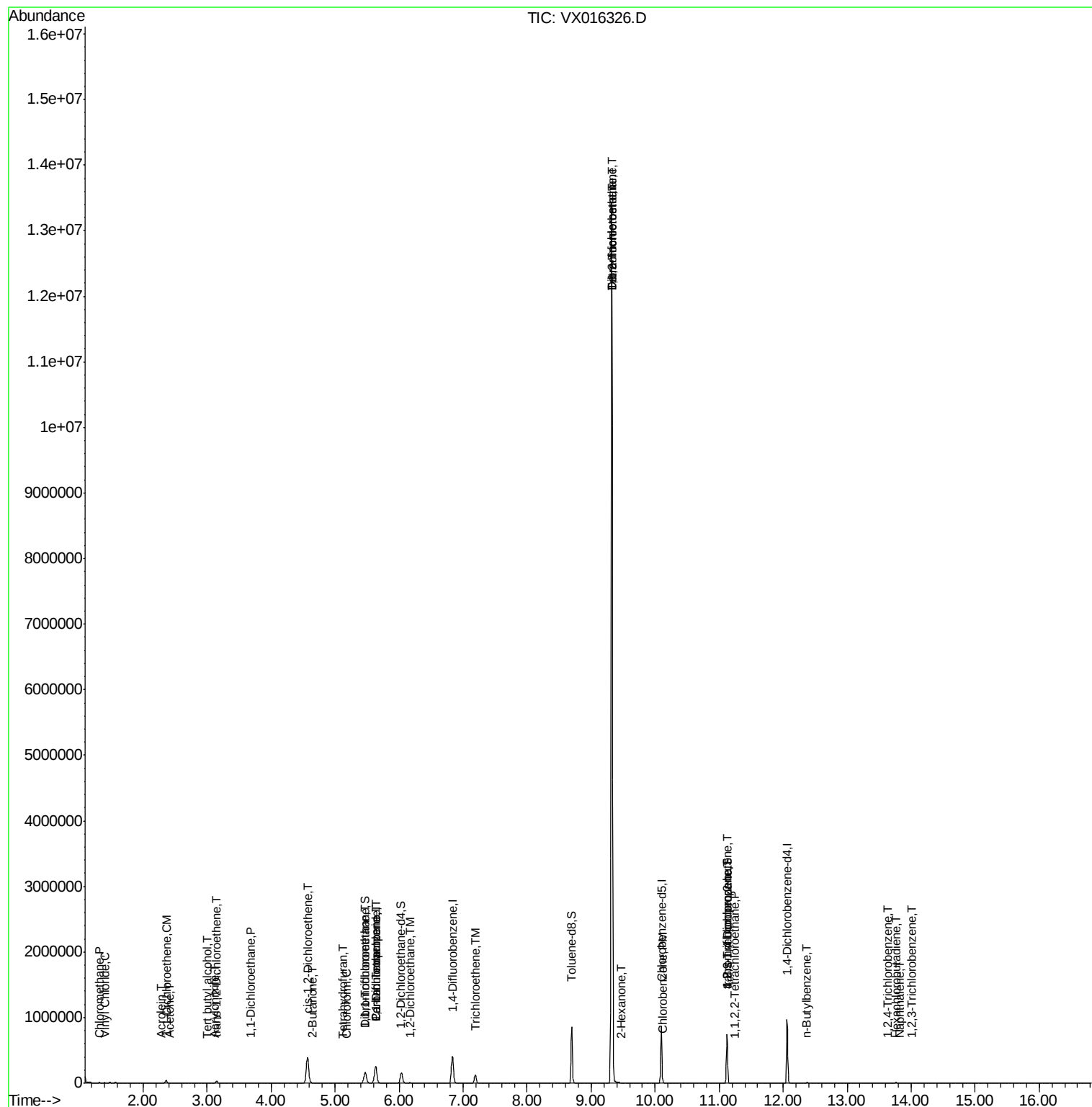
						Qvalue
3) Chloromethane	1.32	50	1061	0.340	ug/l #	85
4) Vinyl Chloride	1.40	62	1172	0.352	ug/l	98
11) Tert butyl alcohol	3.01	59	290	0.343	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	11478	4.351	ug/l	95
13) Acrolein	2.28	56	553	1.047	ug/l #	60
15) Acrylonitrile	3.12	53	670	0.382	ug/l	89
16) Acetone	2.42	43	4672	3.136	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	12575	4.278	ug/l	93
24) 1,1-Dichloroethane	3.67	63	4986	0.977	ug/l	98
25) 2-Butanone	4.65	43	1145	0.477	ug/l #	88
27) cis-1,2-Dichloroethene	4.57	96	263097	81.864	ug/l	85
29) Tetrahydrofuran	5.12	42	330	0.207	ug/l #	31
30) Chloroform	5.18	83	1858	0.366	ug/l	89
32) 1,1,1-Trichloroethane	5.47	97	28179	6.100	ug/l	99
36) 1,1-Dichloropropene	5.63	75	18261	4.391	ug/l #	50
38) Carbon Tetrachloride	5.63	117	24284	5.745	ug/l #	14
42) 1,2-Dichloroethane	6.16	62	6921	1.579	ug/l	100
44) Trichloroethene	7.19	130	47197	10.918	ug/l	93
55) 1,1,2-Trichloroethane	9.32	97	22088	7.402	ug/l #	1
59) 2-Hexanone	9.48	43	836	0.226	ug/l	78
60) Dibromochloromethane	9.32	129	2578336	784.493	ug/l #	11
64) Tetrachloroethene	9.32	164	2689637	546.345	ug/l	96
65) Chlorobenzene	10.12	112	2054	0.245	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	73	2.076	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	97569	21.306	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	97569	50.775	ug/l #	13
89) n-Butylbenzene	12.37	91	2649	0.217	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	1616	0.333	ug/l	97
94) Hexachlorobutadiene	13.76	225	1625	1.294	ug/l	95
95) Naphthalene	13.82	128	3504	0.223	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1482	0.313	ug/l	98

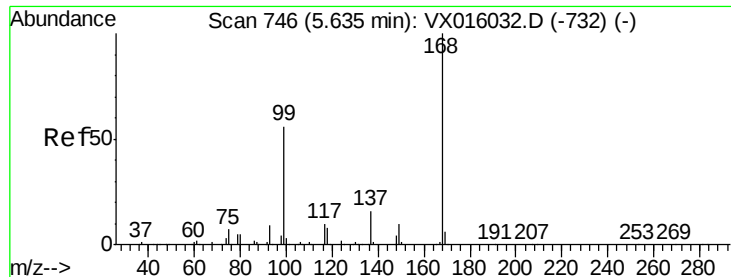
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

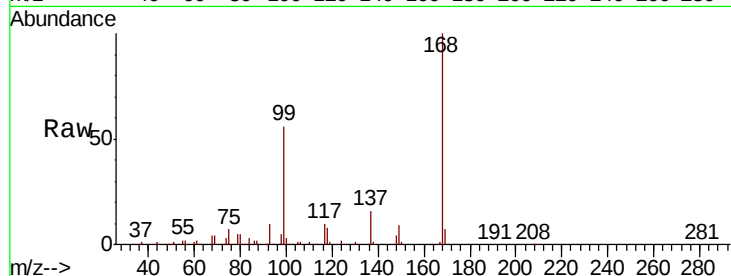
WP021MW352-200514

Tot Ion:168 Resp: 253773

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

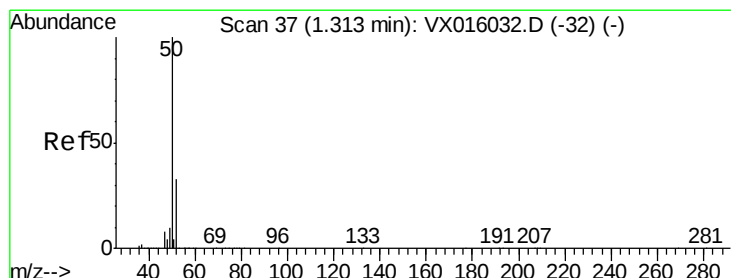
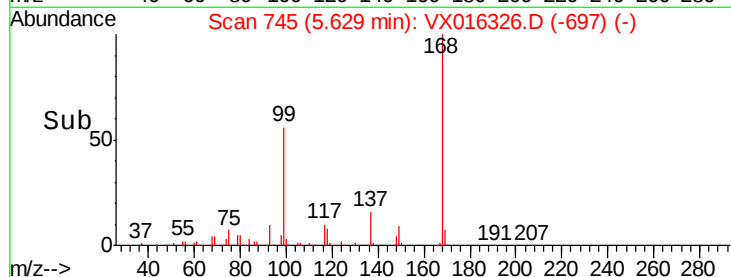
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.340 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016326.D

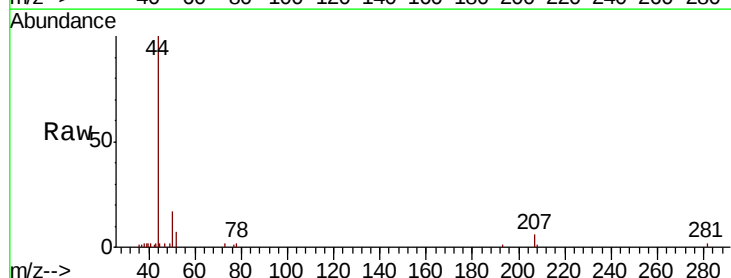
Acq: 19 May 2020 12:03

Tgt Ion: 50 Resp: 1061

Ion Ratio Lower Upper

50 100

52 40.8 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

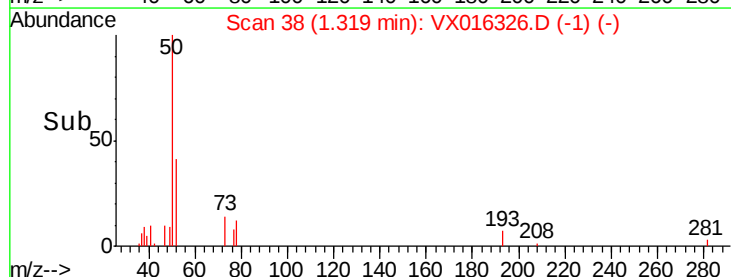
600

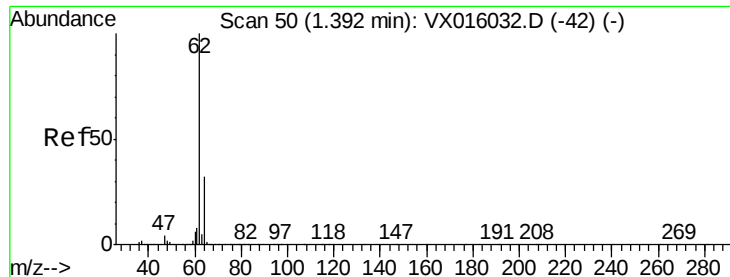
400

200

0

Time-->





#4

Vinyl Chloride

Concen: 0.352 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

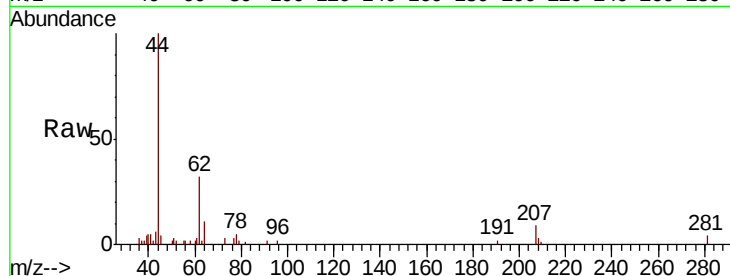
WP021MW352-200514

Tot Ion: 62 Resp: 1172

Ion Ratio Lower Upper

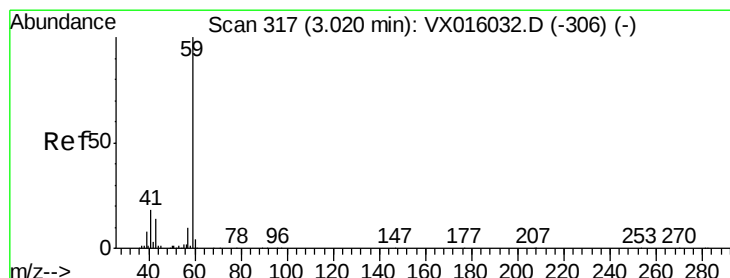
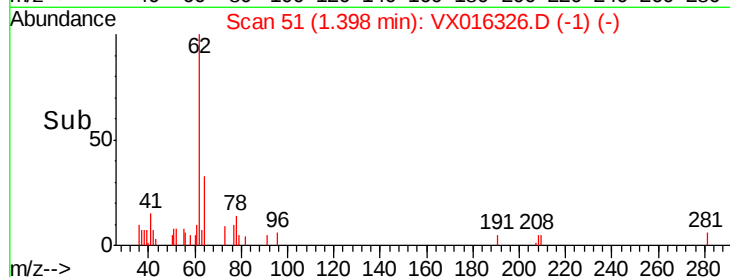
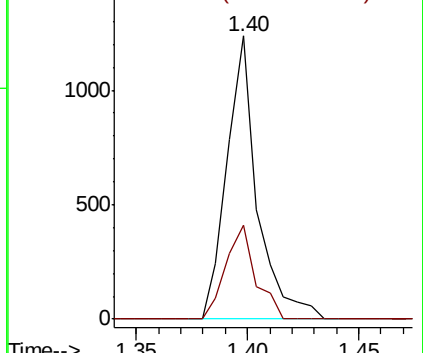
62 100

64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#11

Tert butyl alcohol

Concen: 0.343 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016326.D

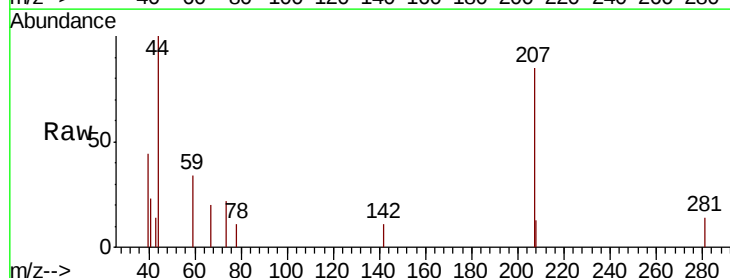
Acq: 19 May 2020 12:03

Tgt Ion: 59 Resp: 290

Ion Ratio Lower Upper

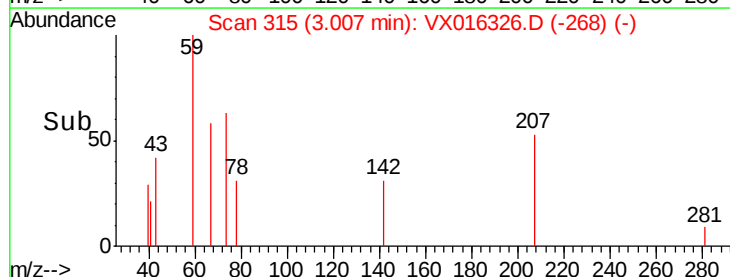
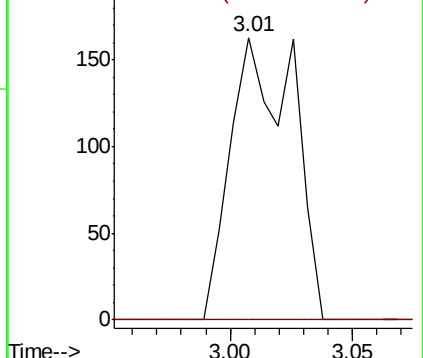
59 100

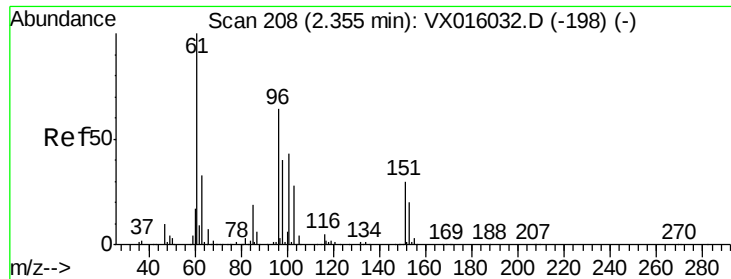
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 4.351 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

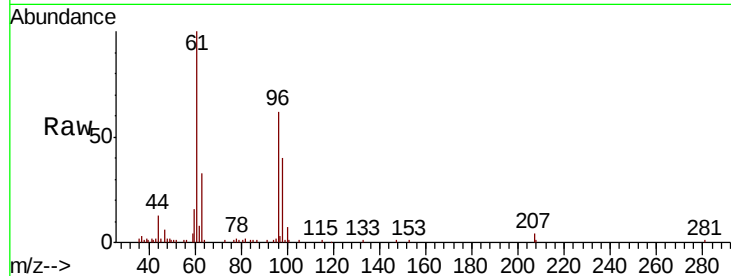
Tot Ion: 96 Resp: 11478

Ion Ratio Lower Upper

96 100

61 163.5 124.8 187.2

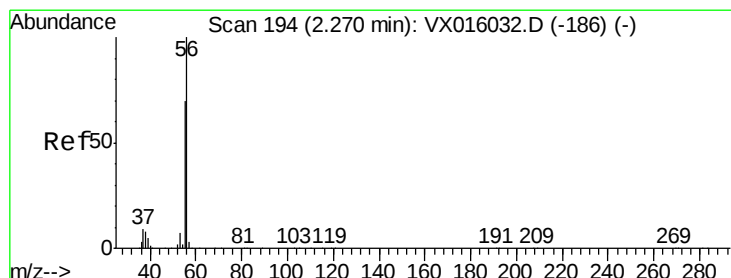
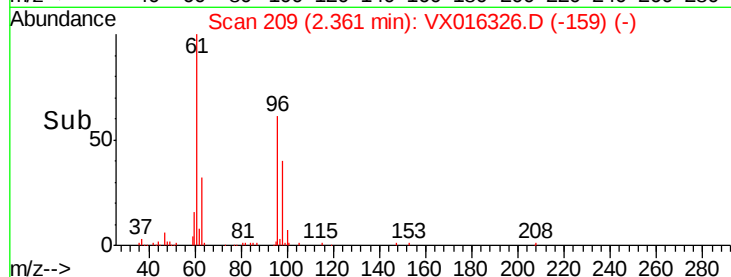
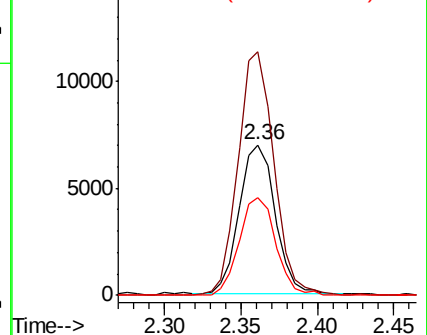
98 65.2 49.7 74.5



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



#13

Acrolein

Concen: 1.047 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016326.D

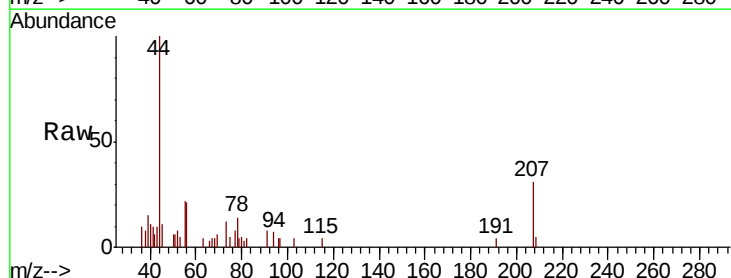
Acq: 19 May 2020 12:03

Tgt Ion: 56 Resp: 553

Ion Ratio Lower Upper

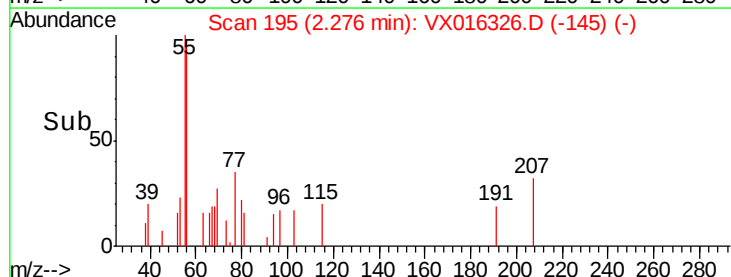
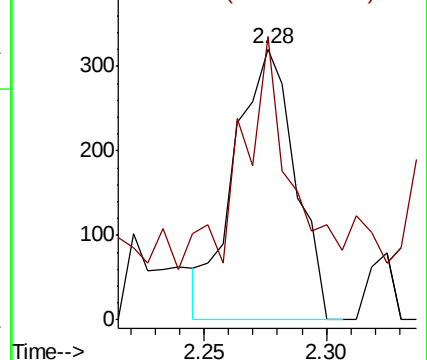
56 100

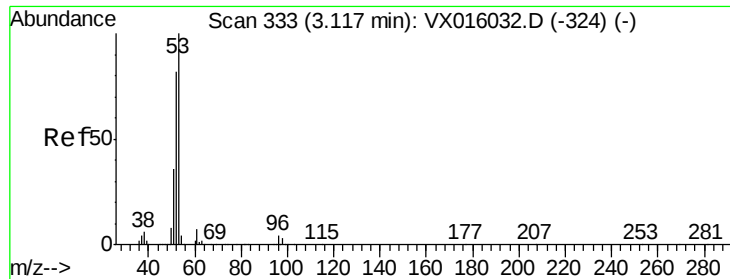
55 103.3 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.382 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

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ClientSampleId :

WP021MW352-200514

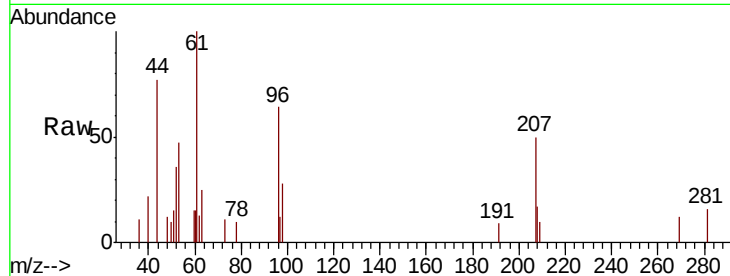
Tot Ion: 53 Resp: 670

Ion Ratio Lower Upper

53 100

52 72.5 66.1 99.1

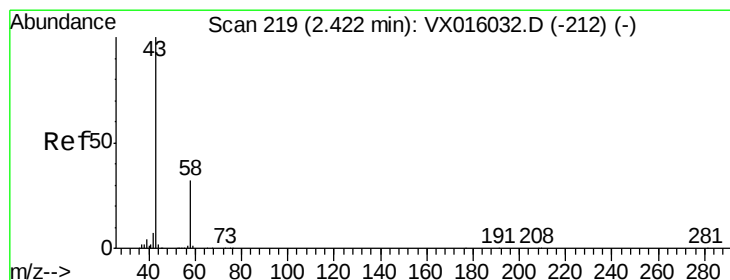
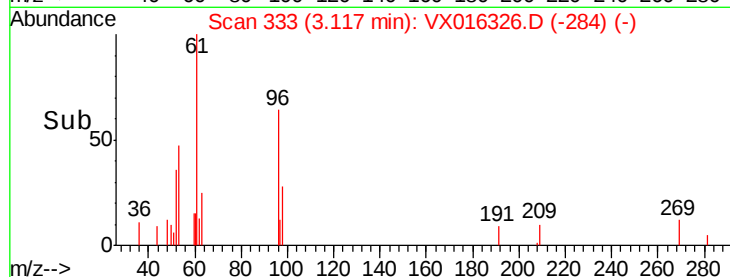
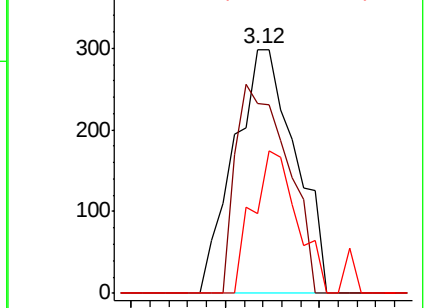
51 42.2 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 3.136 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016326.D

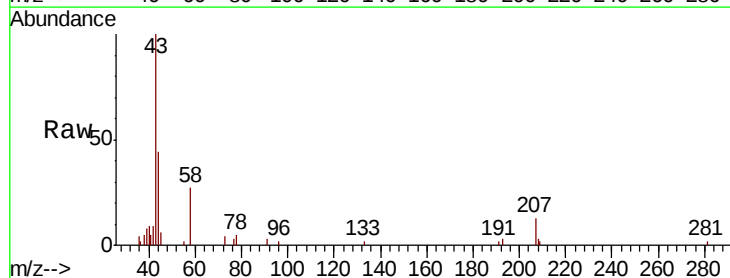
Acq: 19 May 2020 12:03

Tgt Ion: 43 Resp: 4672

Ion Ratio Lower Upper

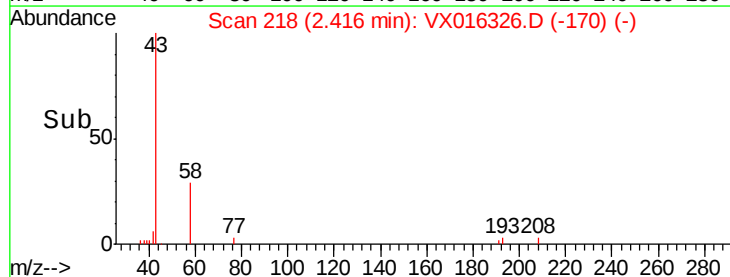
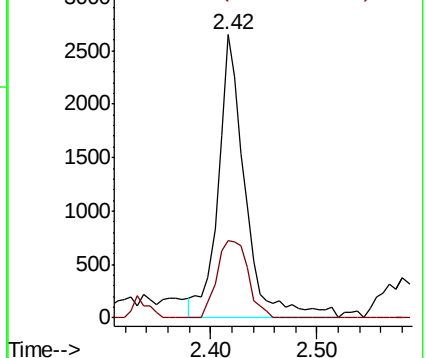
43 100

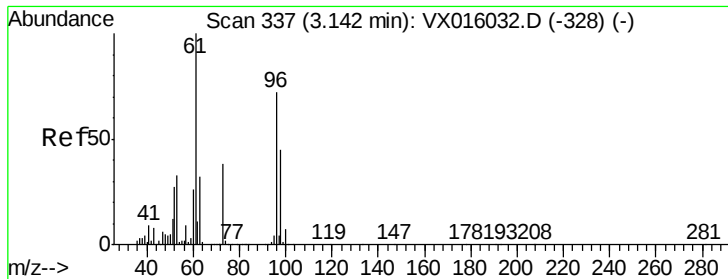
58 27.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 4.278 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

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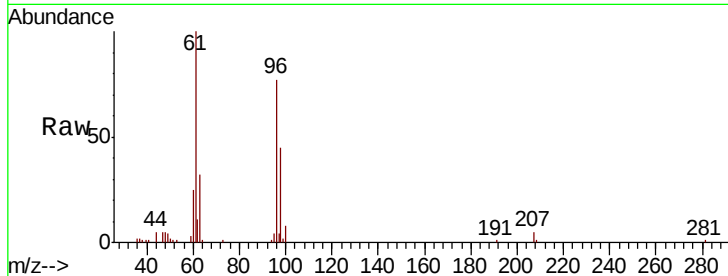
Tot Ion: 96 Resp: 12575

Ion Ratio Lower Upper

96 100

61 129.2 111.2 166.8

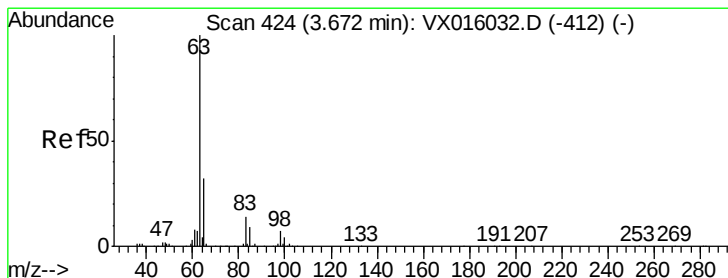
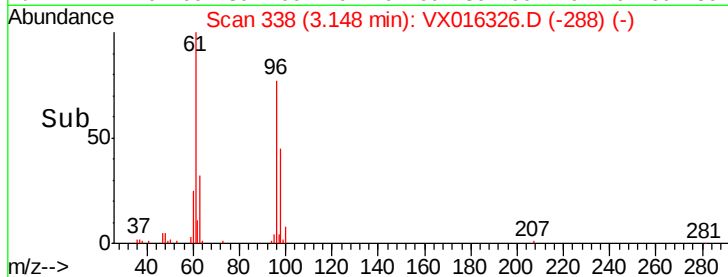
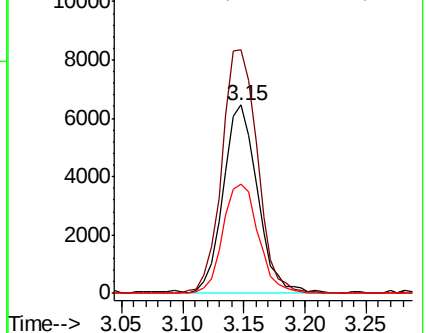
98 58.2 50.2 75.4



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



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

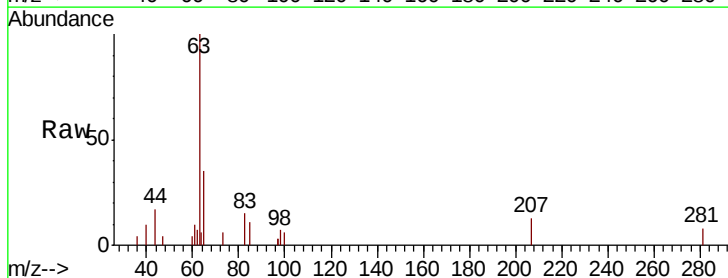
Tgt Ion: 63 Resp: 4986

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

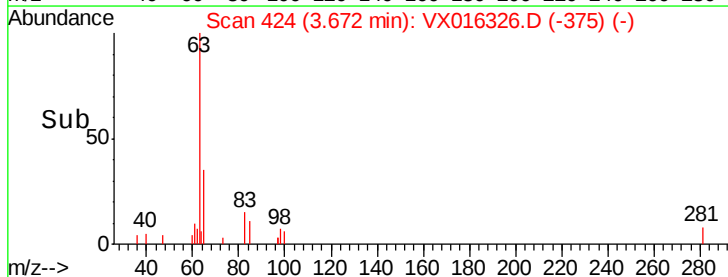
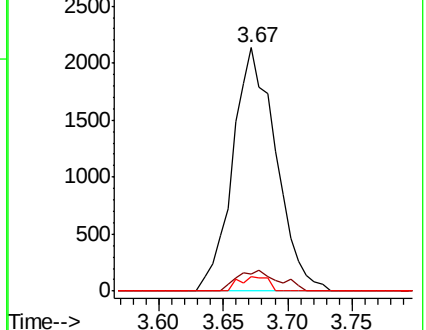
100 5.9 2.1 6.5

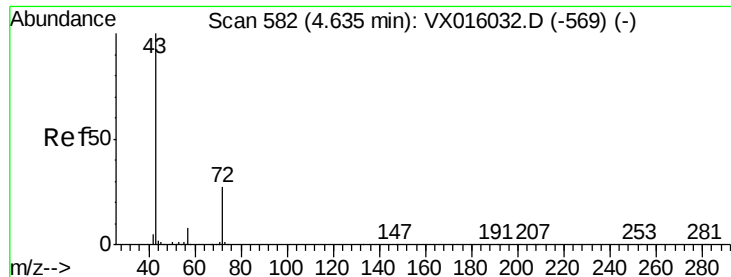


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.477 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

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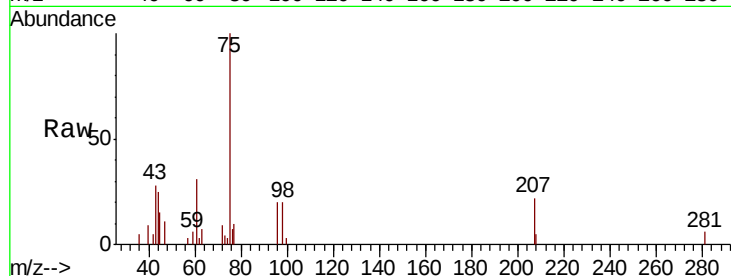
WP021MW352-200514

Tot Ion: 43 Resp: 1145

Ion Ratio Lower Upper

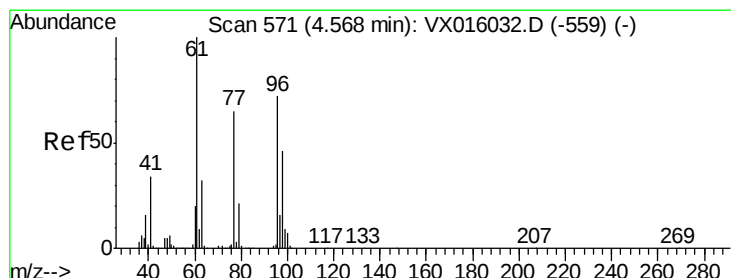
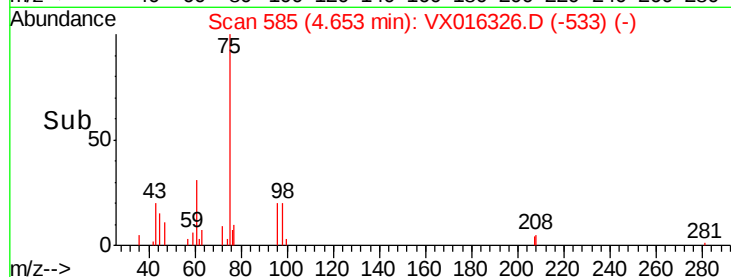
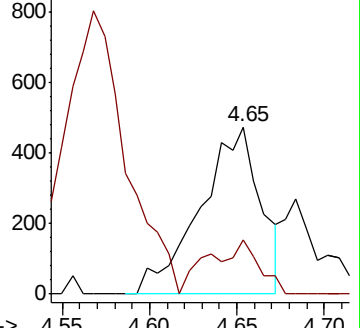
43 100

72 21.1 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 81.864 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

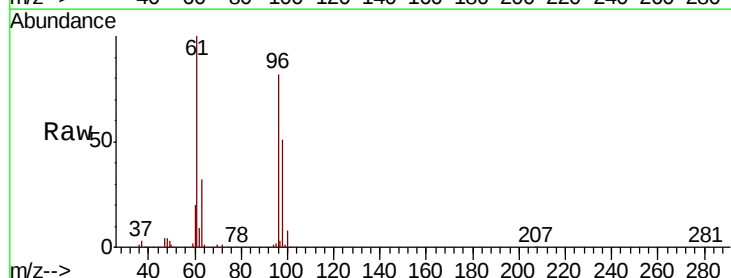
Tgt Ion: 96 Resp: 263097

Ion Ratio Lower Upper

96 100

61 122.3 0.0 296.2

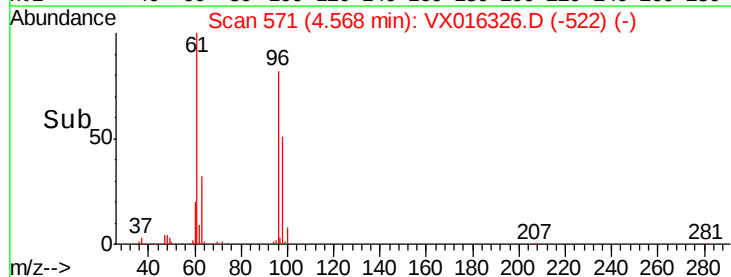
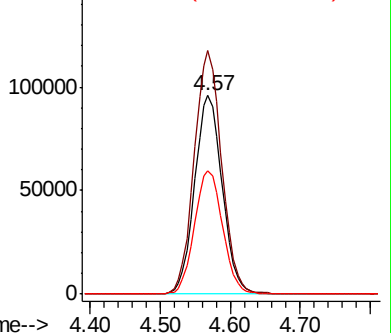
98 63.3 0.0 129.4

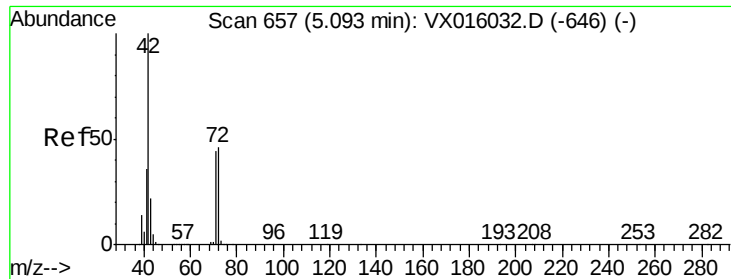


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.207 ug/l

RT: 5.12 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

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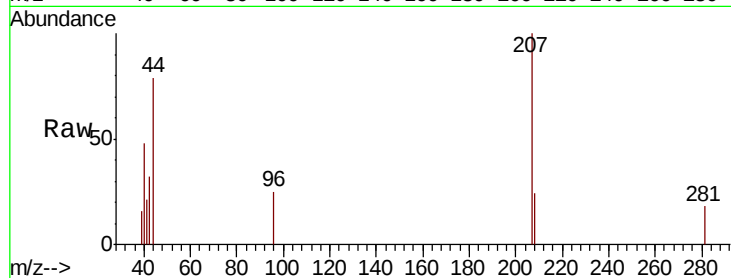
Tot Ion: 42 Resp: 330

Ion Ratio Lower Upper

42 100

72 0.0 37.1 55.7#

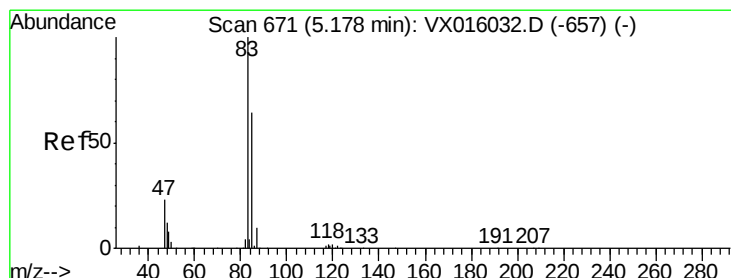
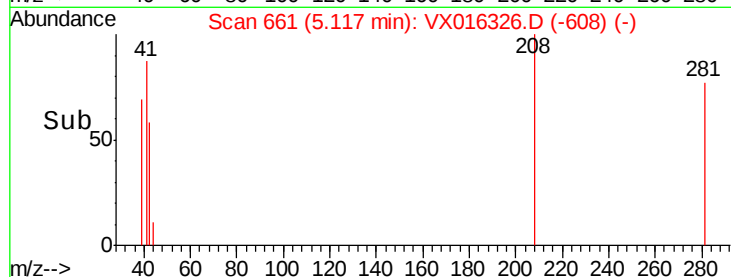
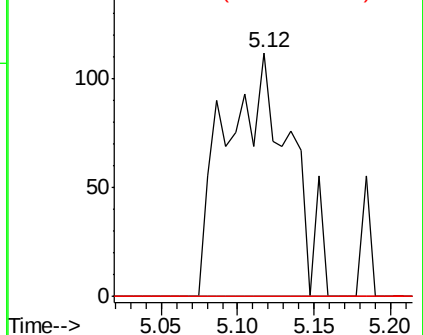
71 0.0 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.366 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016326.D

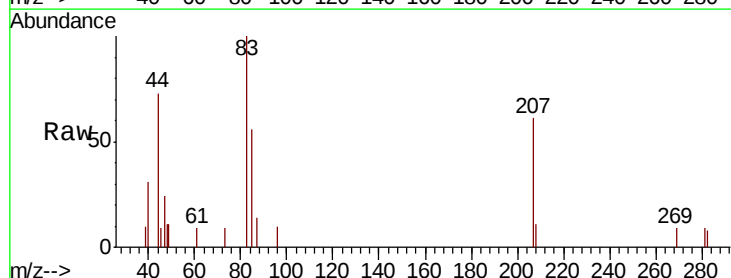
Acq: 19 May 2020 12:03

Tgt Ion: 83 Resp: 1858

Ion Ratio Lower Upper

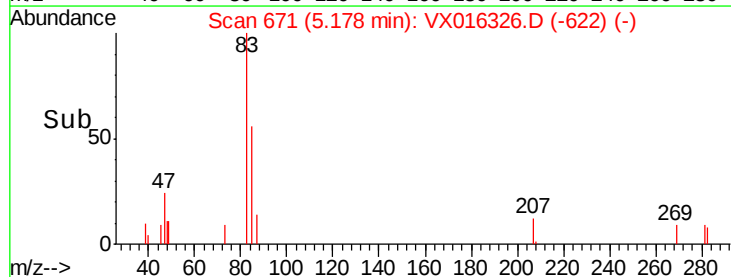
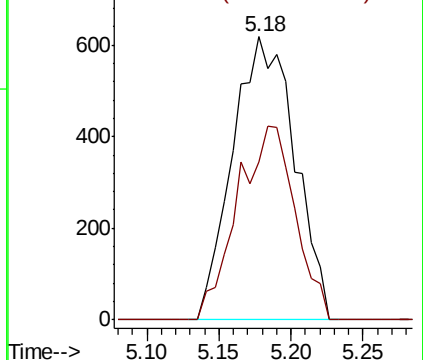
83 100

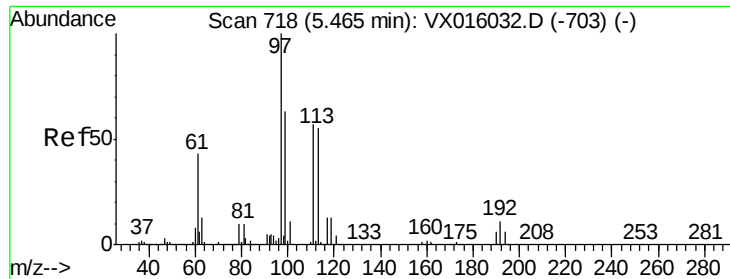
85 56.0 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 6.100 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

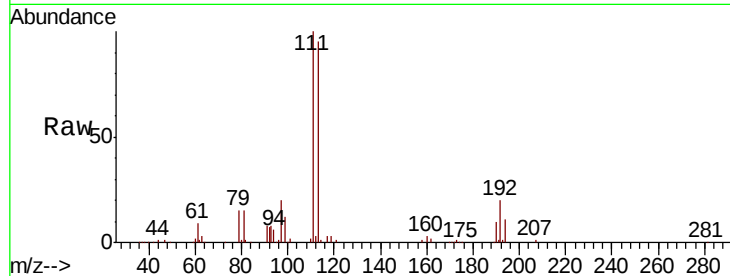
Tot Ion: 97 Resp: 28179

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

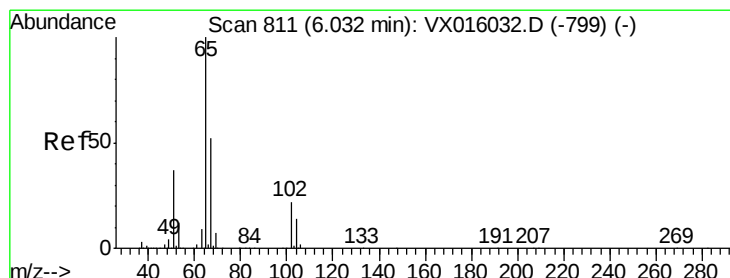
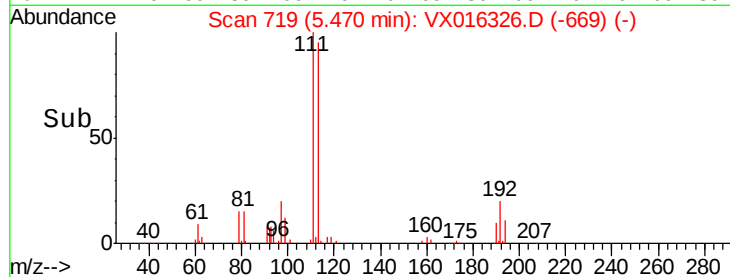
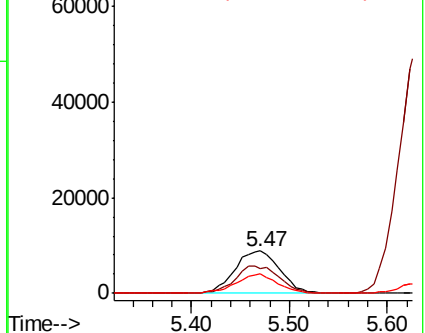
61 42.3 34.5 51.7



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: 44.145 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016326.D

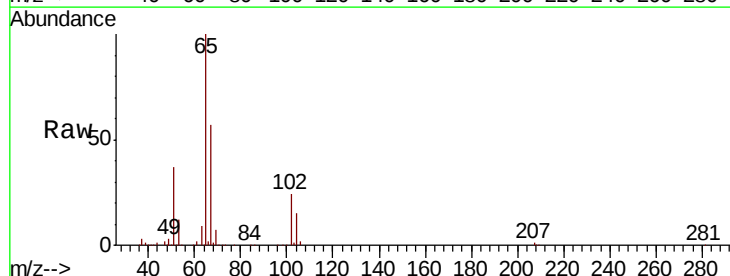
Acq: 19 May 2020 12:03

Tgt Ion: 65 Resp: 147419

Ion Ratio Lower Upper

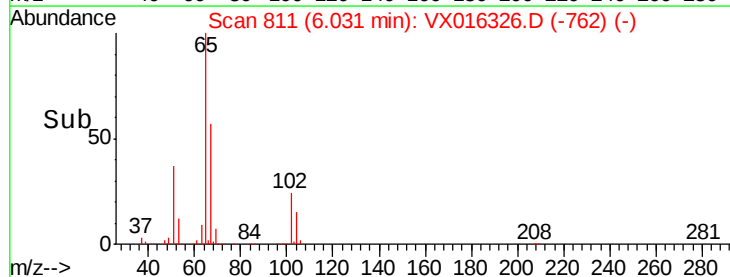
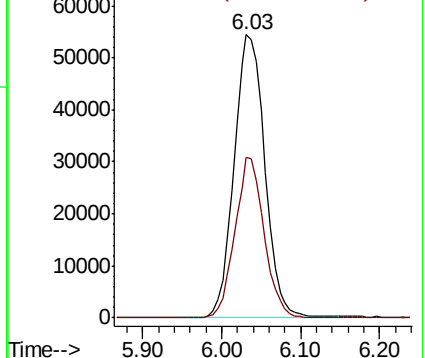
65 100

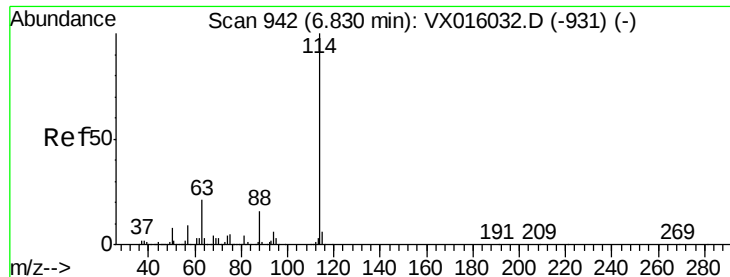
67 53.7 0.0 104.8



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: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

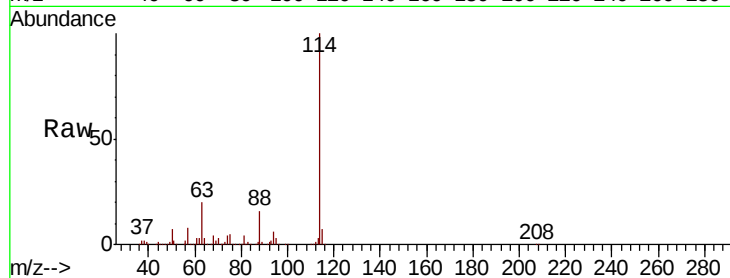
Tot Ion:114 Resp: 422493

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

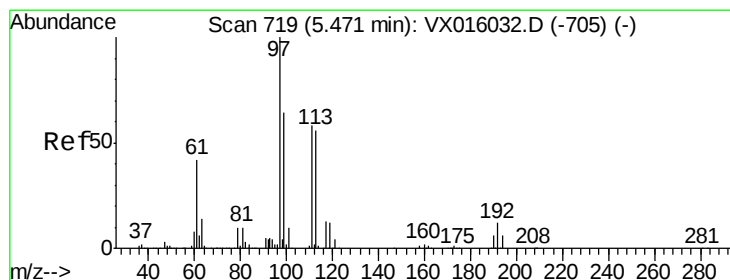
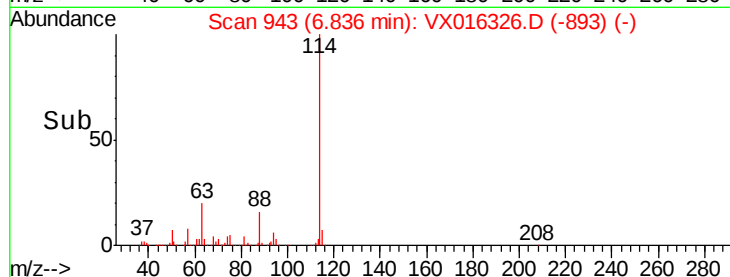
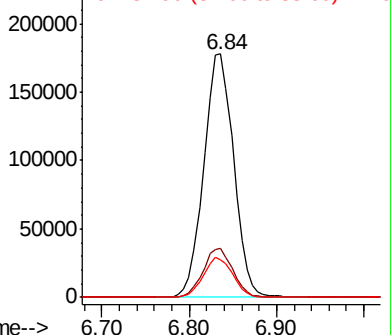
88 15.7 0.0 31.4



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: 45.209 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

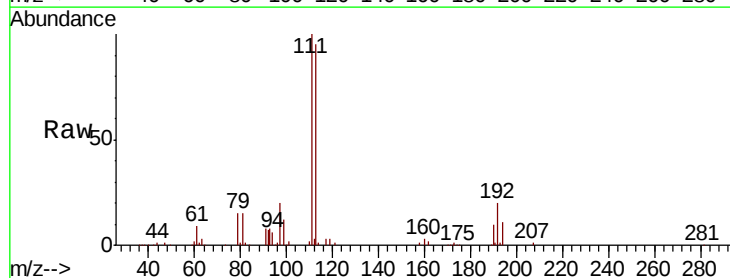
Tgt Ion:113 Resp: 121009

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

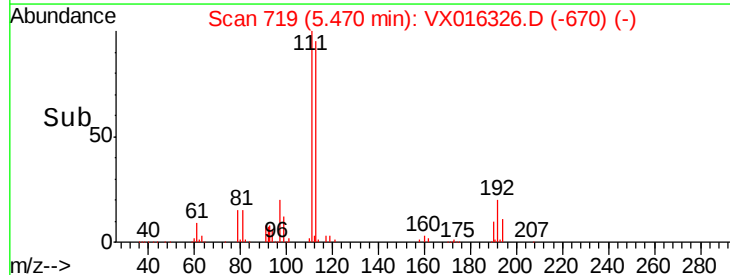
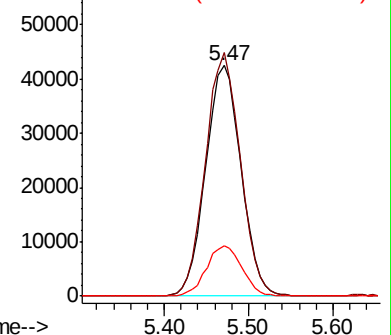
192 21.8 17.0 25.4

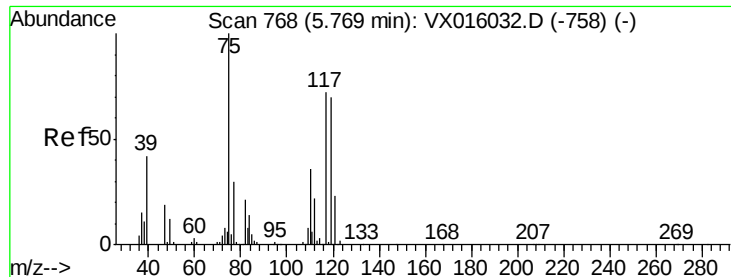


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.391 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

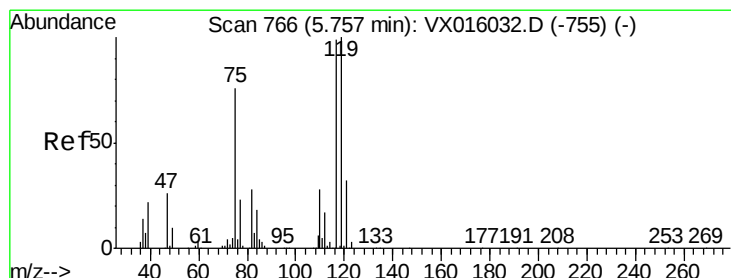
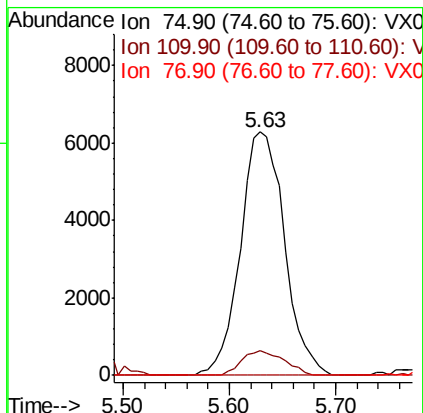
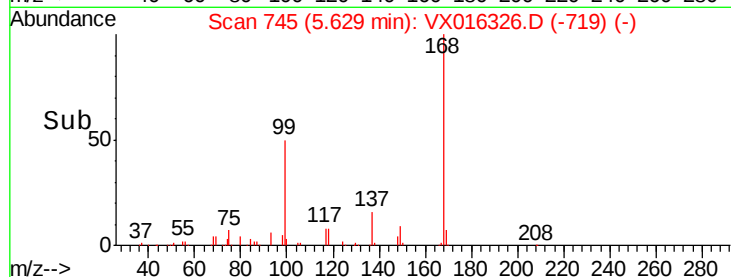
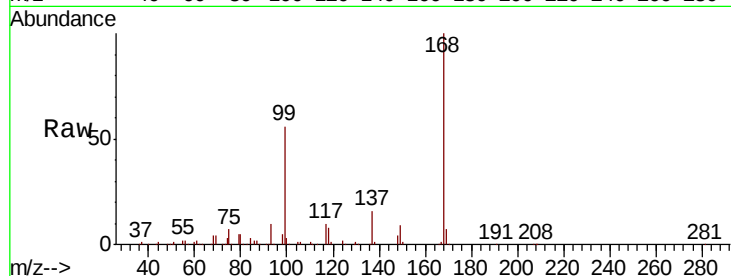
Tot Ion: 75 Resp: 18261

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.745 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

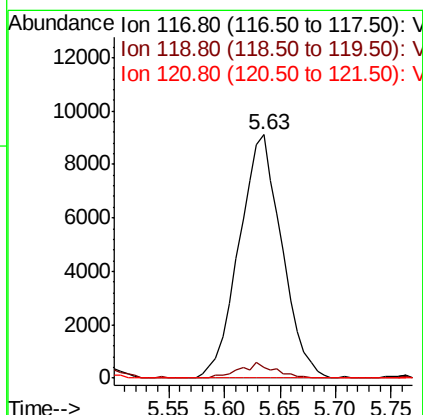
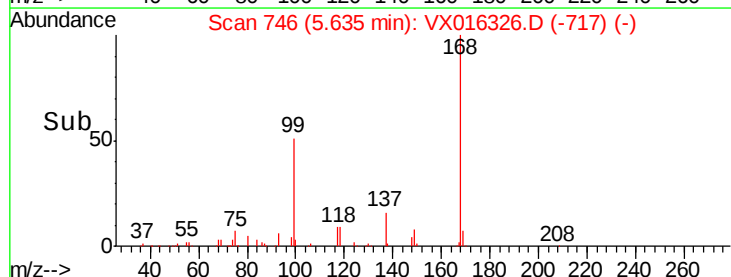
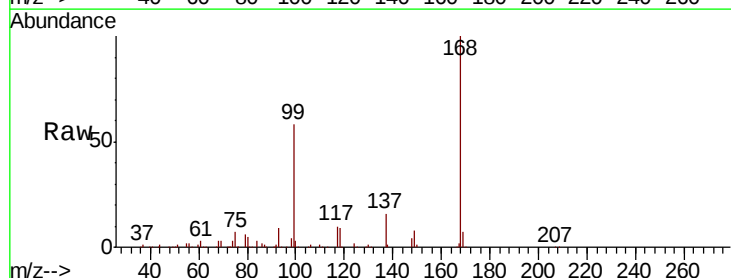
Tgt Ion: 117 Resp: 24284

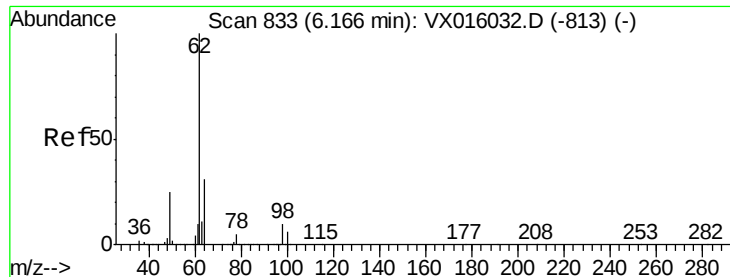
Ion Ratio Lower Upper

117 100

119 4.4 80.3 120.5#

121 0.0 25.7 38.5#





#42

1,2-Dichloroethane

Concen: 1.579 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

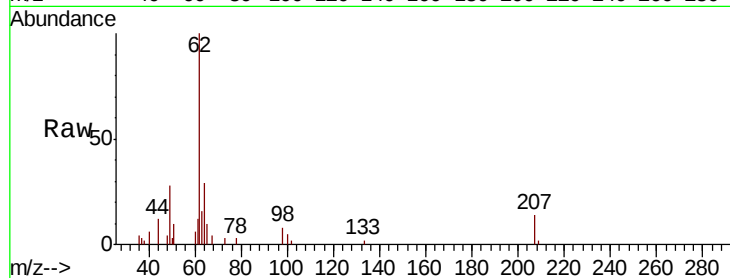
WP021MW352-200514

Tot Ion: 62 Resp: 6921

Ion Ratio Lower Upper

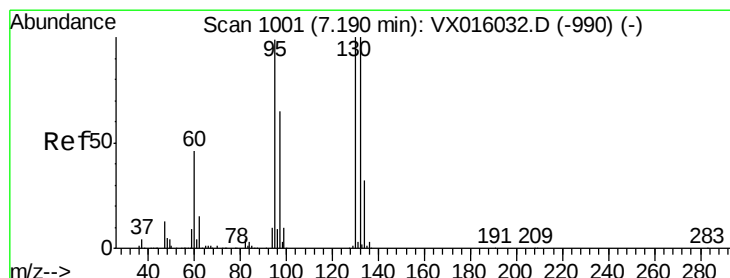
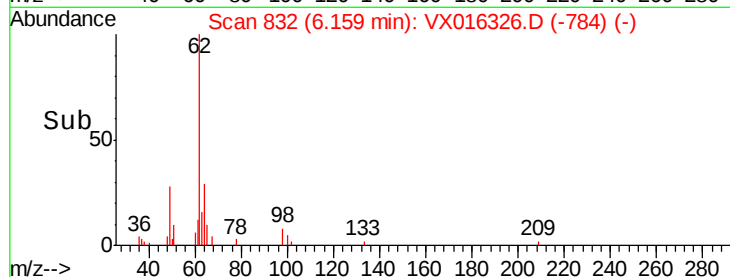
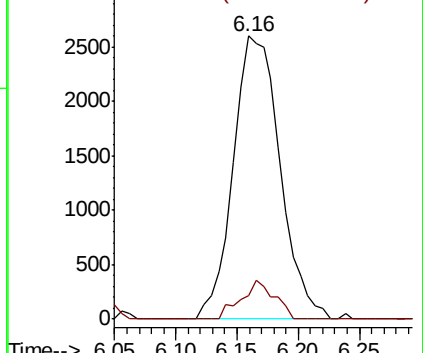
62 100

98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 10.918 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016326.D

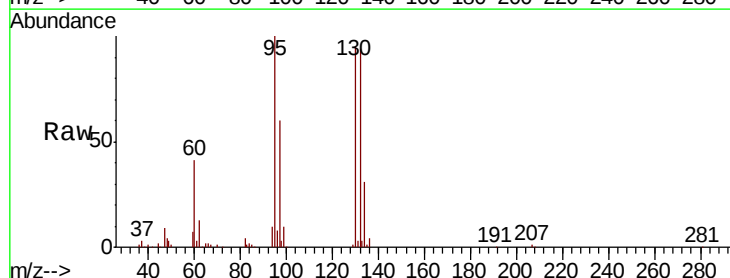
Acq: 19 May 2020 12:03

Tgt Ion: 130 Resp: 47197

Ion Ratio Lower Upper

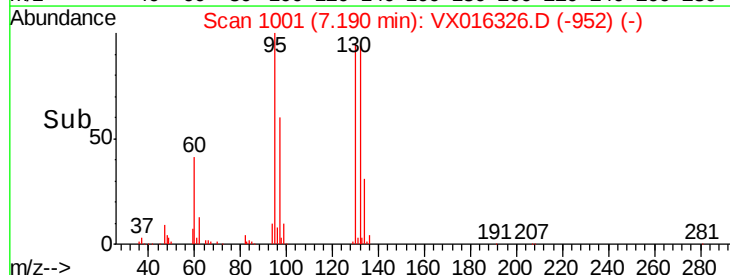
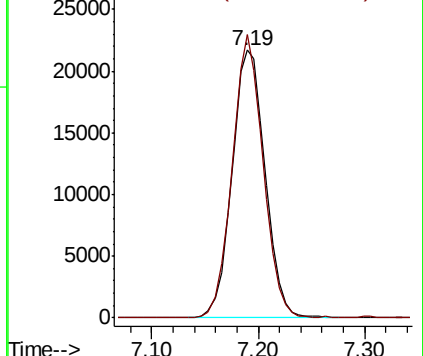
130 100

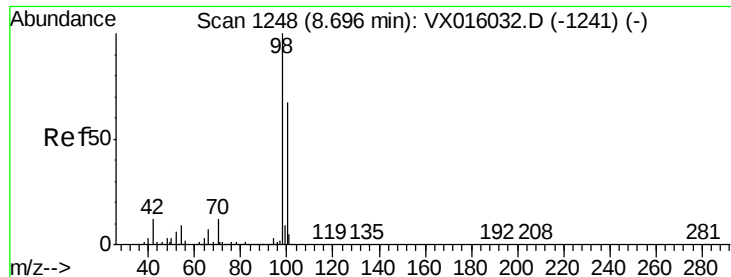
95 105.7 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

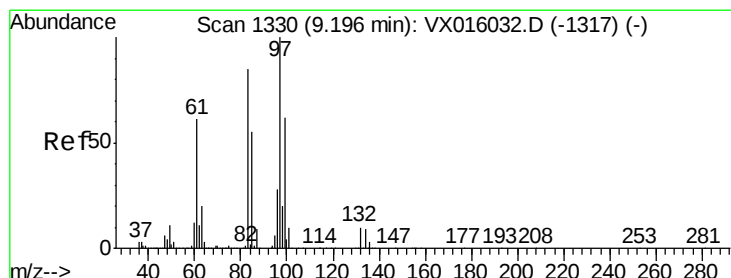
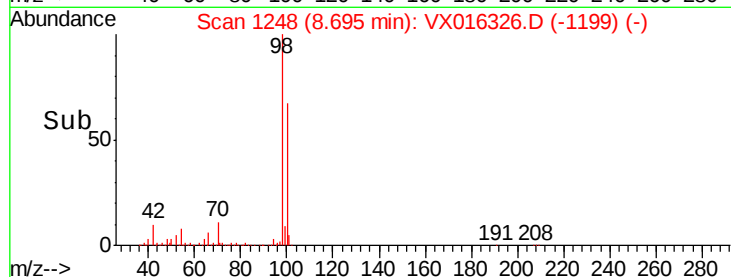
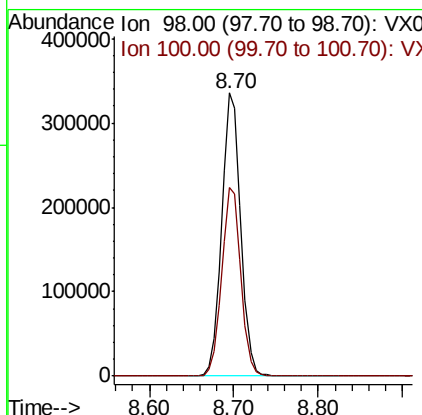
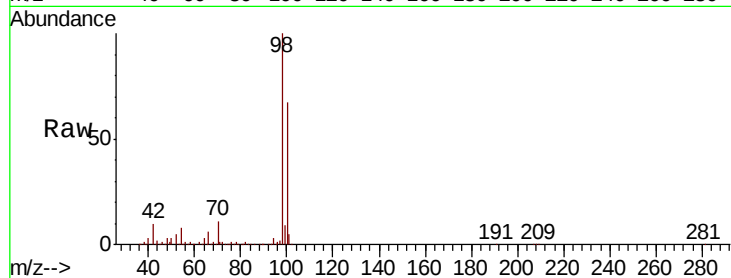




#50
Toluene-d8
Concen: 50.149 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

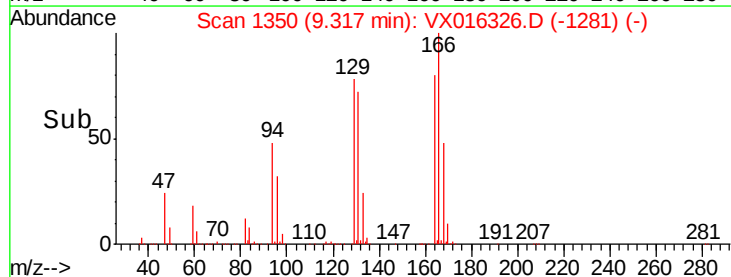
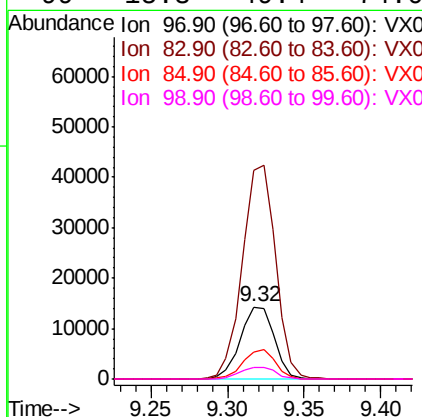
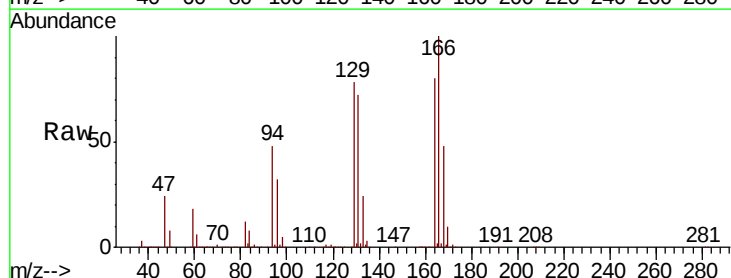
Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

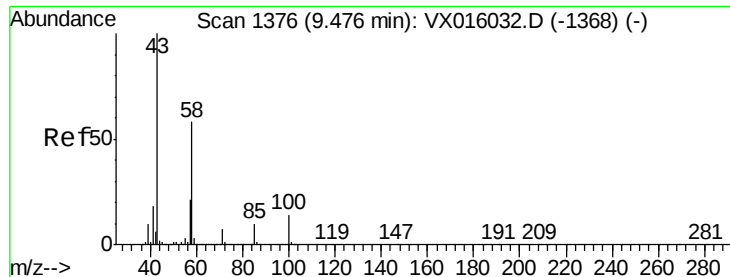
Tot Ion: 98 Resp: 517208
Ion Ratio Lower Upper
98 100
100 67.1 53.7 80.5



#55
1,1,2-Trichloroethane
Concen: 7.402 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.12 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

Tgt Ion: 97 Resp: 22088
Ion Ratio Lower Upper
97 100
83 289.3 67.8 101.8#
85 37.7 43.8 65.8#
99 15.3 49.4 74.0#

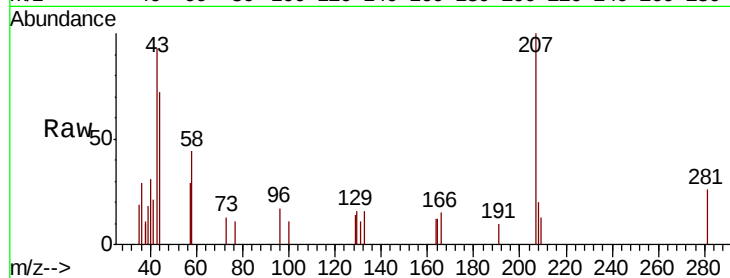




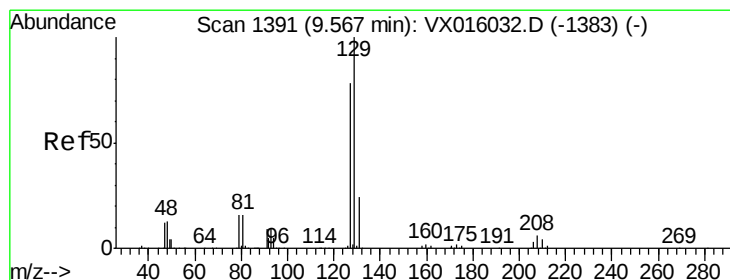
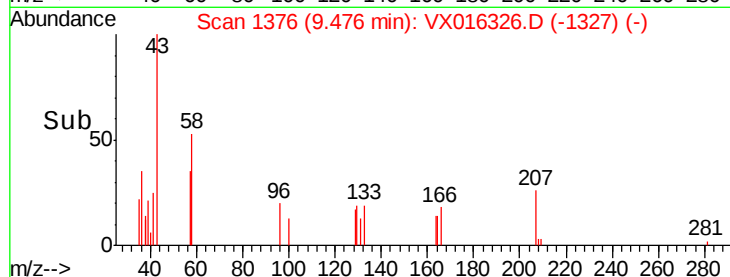
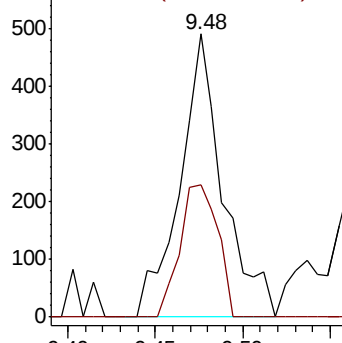
#59
2-Hexanone
Concen: 0.226 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

Tot Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 41.1 28.6 85.9

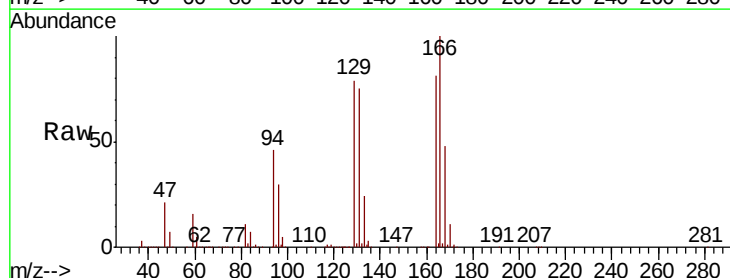


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

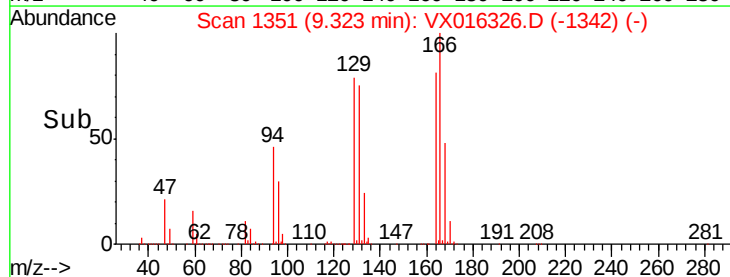
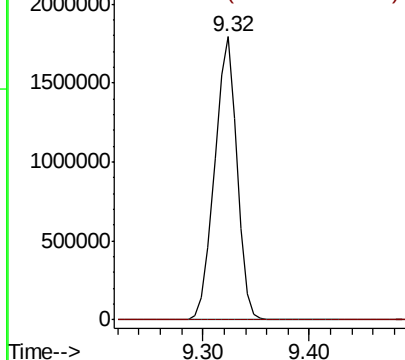


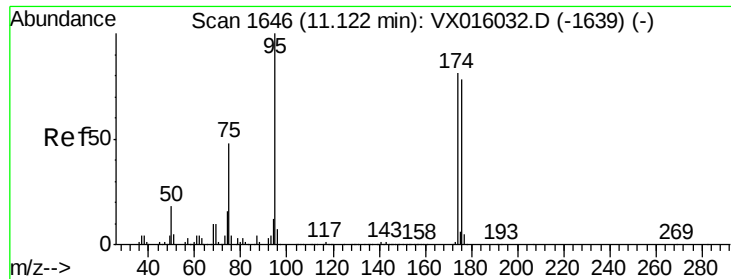
#60
Dibromochloromethane
Concen: 784.493 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. -0.24 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

Tgt Ion: 129 Resp: 2578336
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

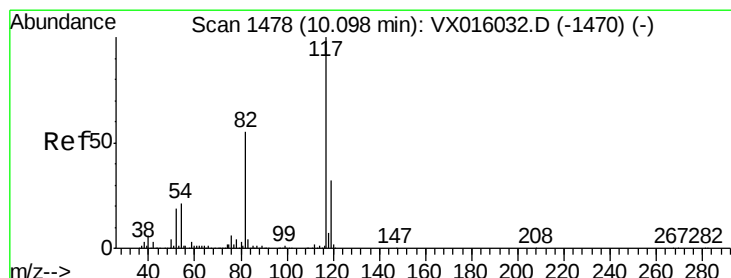
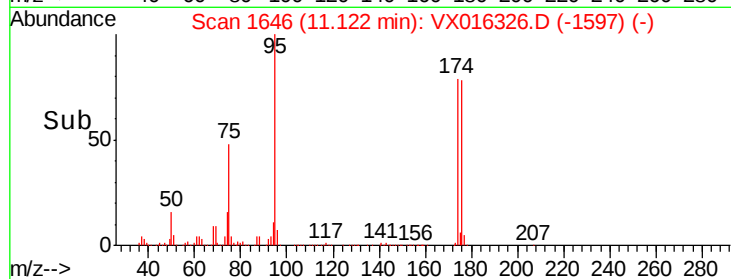
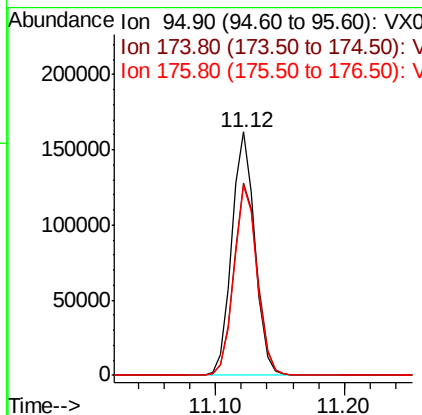
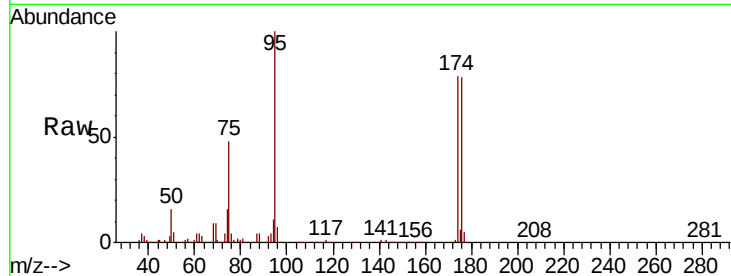




#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

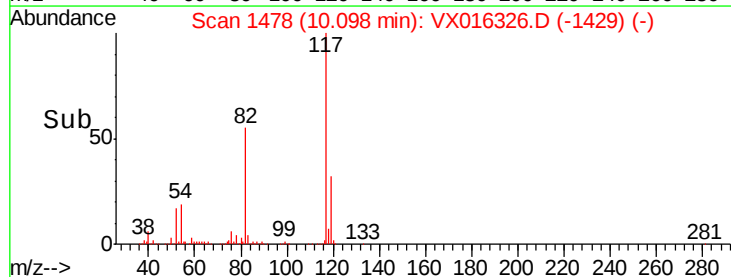
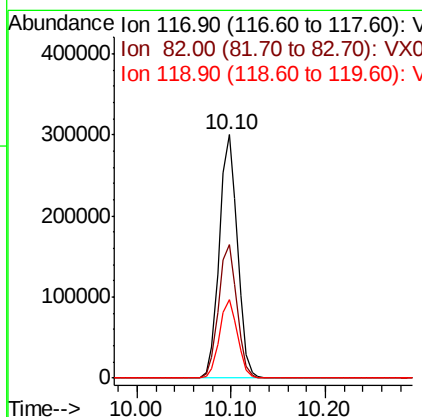
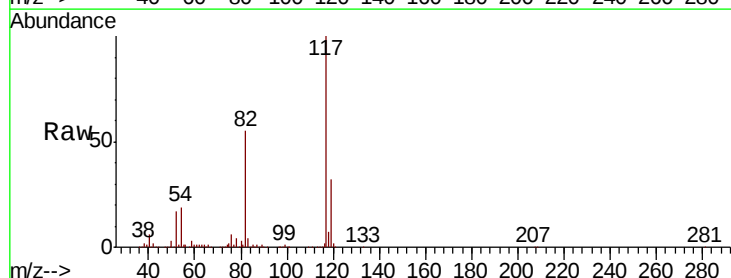
Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

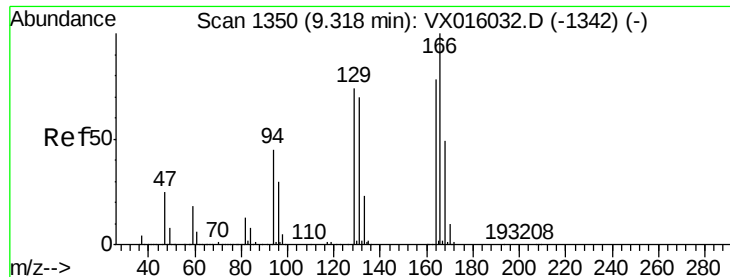
Tot Ion: 95 Resp: 202887
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.4
176 77.8 0.0 157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

Tgt Ion: 117 Resp: 401014
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 32.5 25.5 38.3





#64

Tetrachloroethene

Concen: 546.345 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

Tot Ion:164 Resp: 2689637

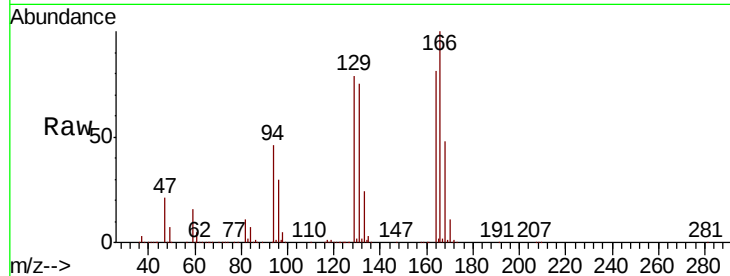
Ion Ratio Lower Upper

164 100

166 123.5 102.9 154.3

129 98.2 76.1 114.1

131 92.9 71.9 107.9

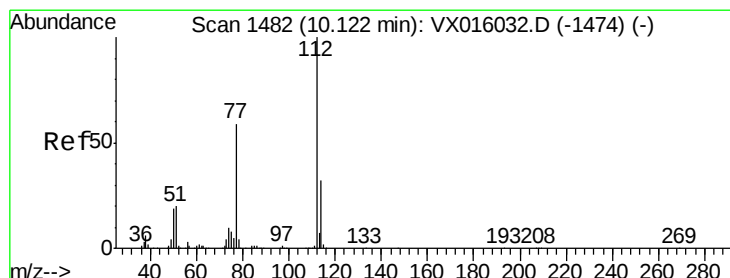
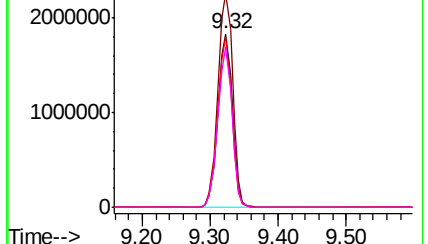
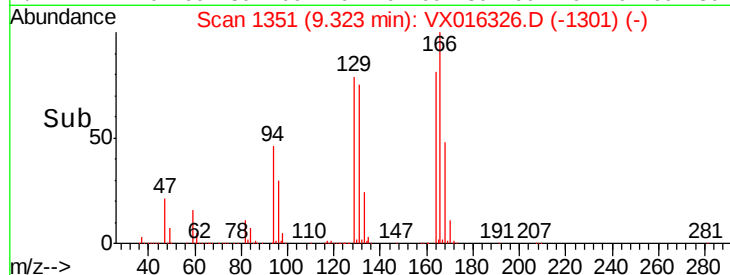


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.245 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016326.D

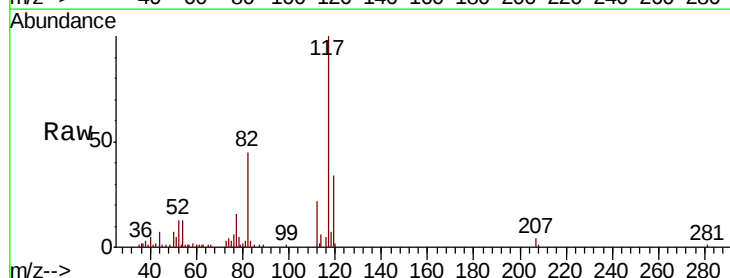
Acq: 19 May 2020 12:03

Tgt Ion:112 Resp: 2054

Ion Ratio Lower Upper

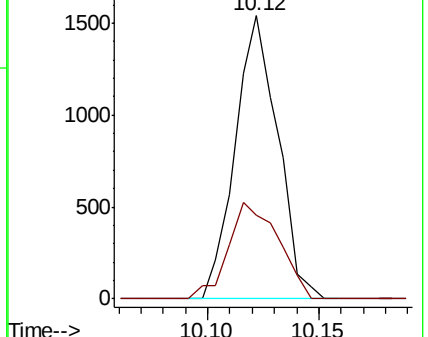
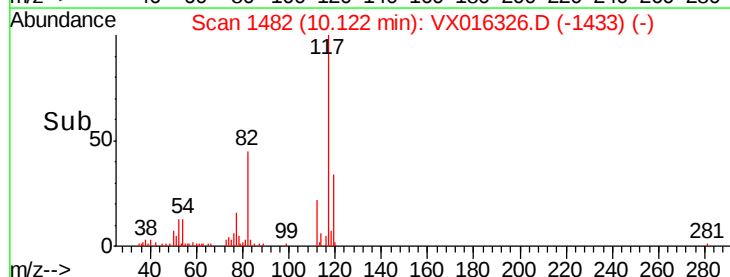
112 100

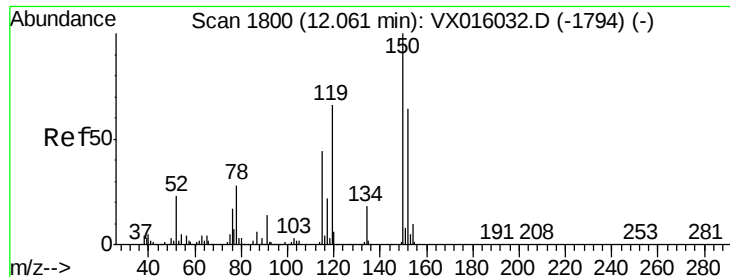
114 29.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): 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: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

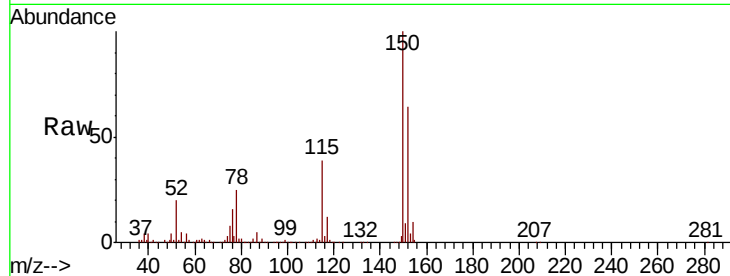
Tot Ion:152 Resp: 201800

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

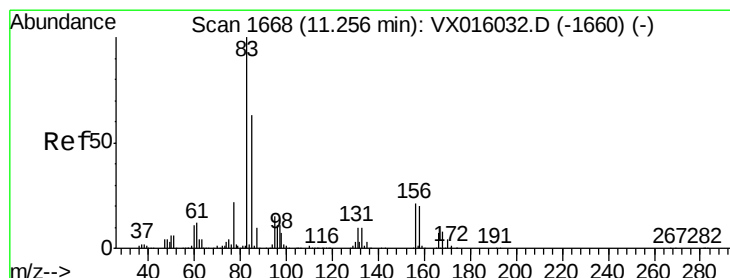
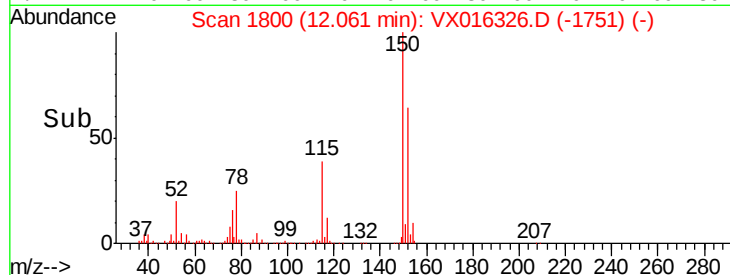
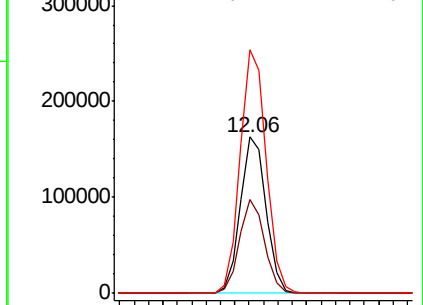
150 157.1 0.0 352.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.076 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

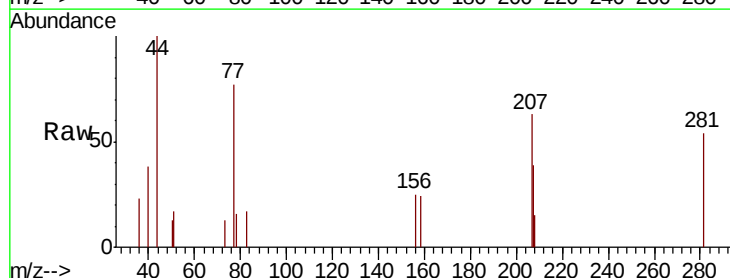
Tgt Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

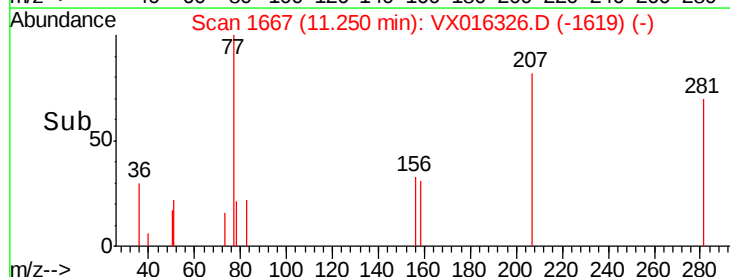
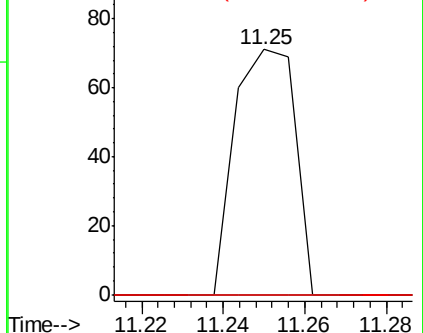
85 0.0 32.0 96.0#

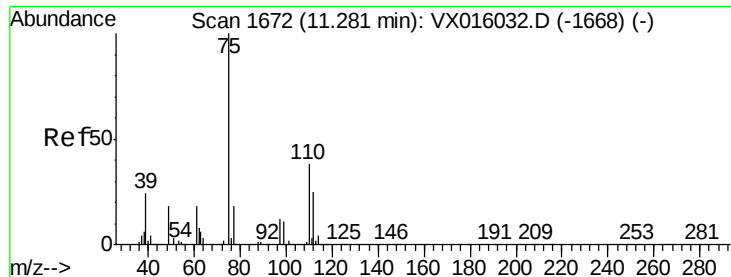


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.306 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

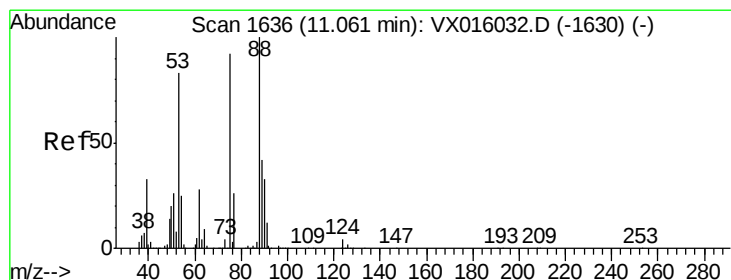
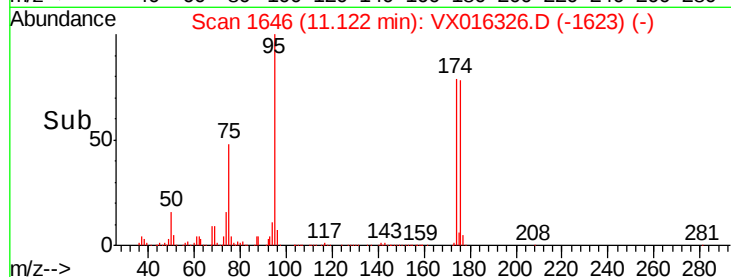
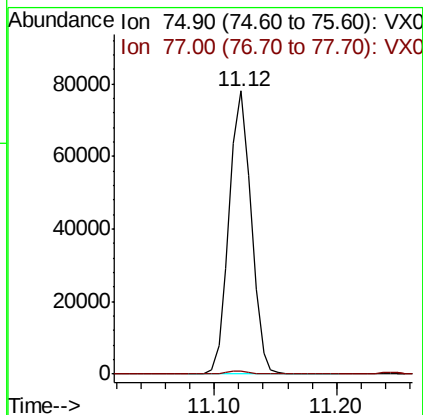
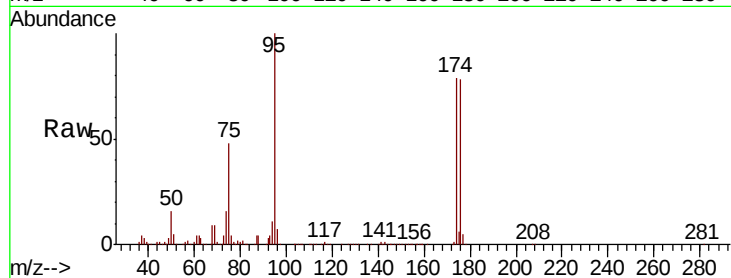
WP021MW352-200514

Tot Ion: 75 Resp: 97569

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.775 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

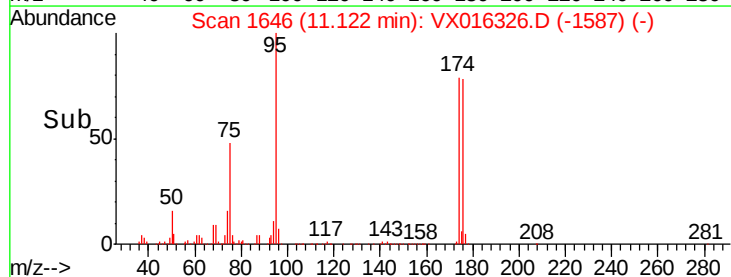
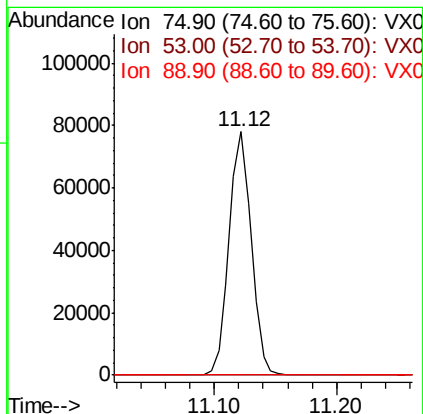
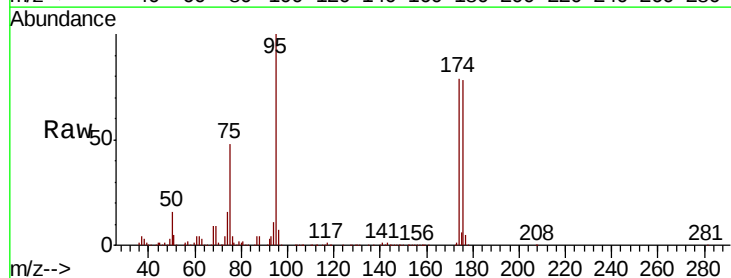
Tgt Ion: 75 Resp: 97569

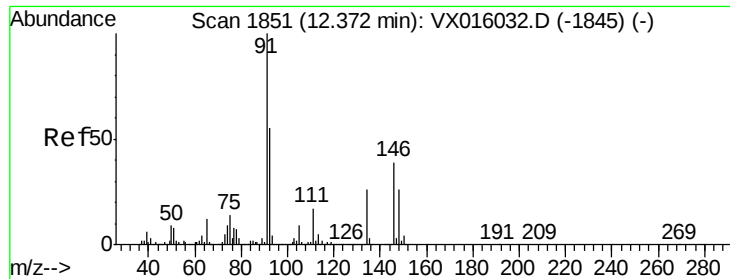
Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#

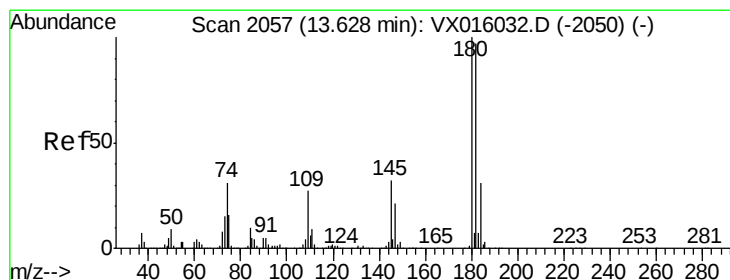
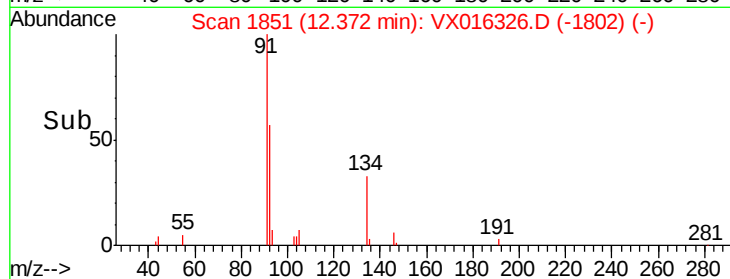
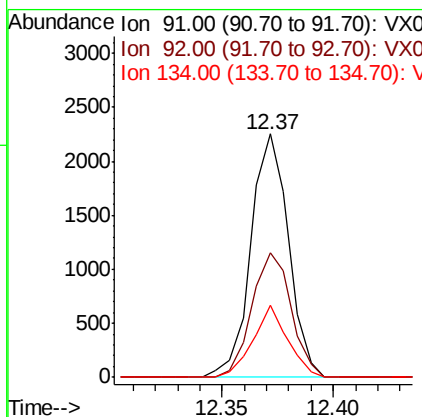
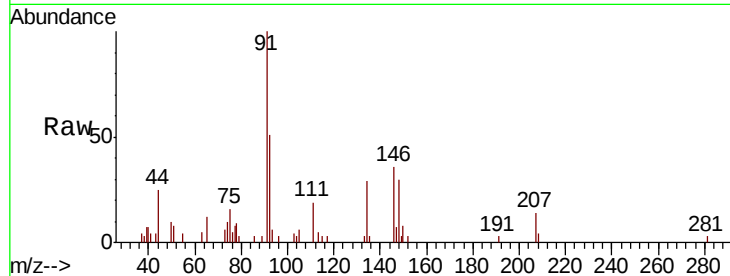




#89
n-Butylbenzene
Concen: 0.217 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

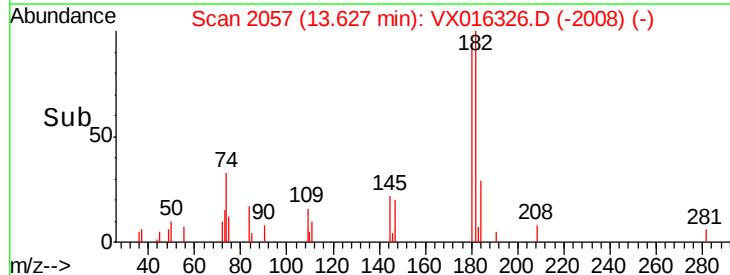
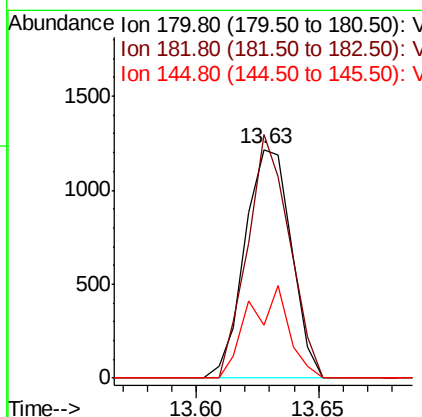
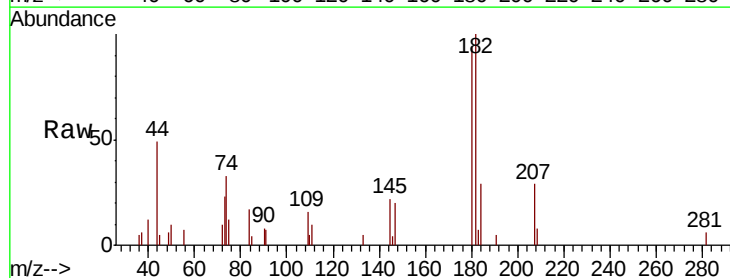
Instrument :
MSVOA_X
ClientSampleId :
WP021MW352-200514

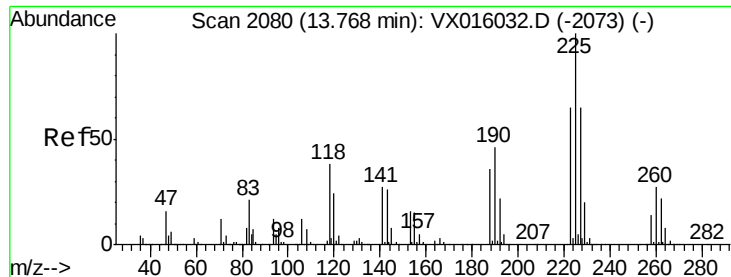
Tot Ion: 91 Resp: 2649
Ion Ratio Lower Upper
91 100
92 53.5 27.6 82.7
134 27.5 13.4 40.1



#93
1,2,4-Trichlorobenzene
Concen: 0.333 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016326.D
Acq: 19 May 2020 12:03

Tgt Ion: 180 Resp: 1616
Ion Ratio Lower Upper
180 100
182 95.9 48.7 146.1
145 34.7 15.7 47.1





#94

Hexachlorobutadiene

Concen: 1.294 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

Instrument :

MSVOA_X

ClientSampleId :

WP021MW352-200514

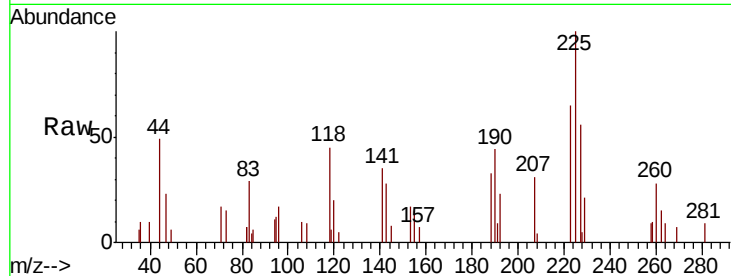
Tot Ion:225 Resp: 1625

Ion Ratio Lower Upper

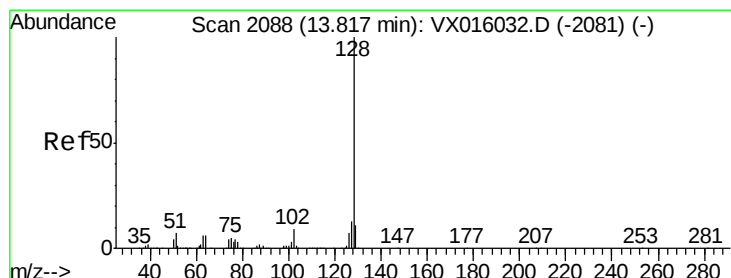
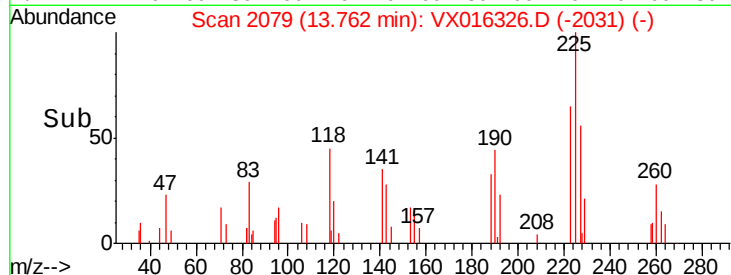
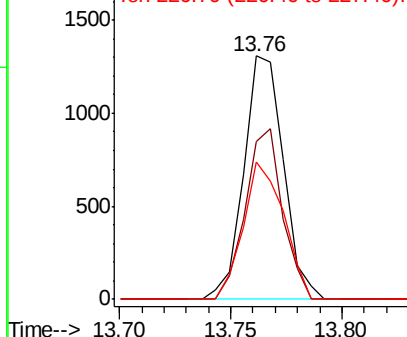
225 100

223 65.7 32.3 96.9

227 57.6 31.8 95.4



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



#95

Naphthalene

Concen: 0.223 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016326.D

Acq: 19 May 2020 12:03

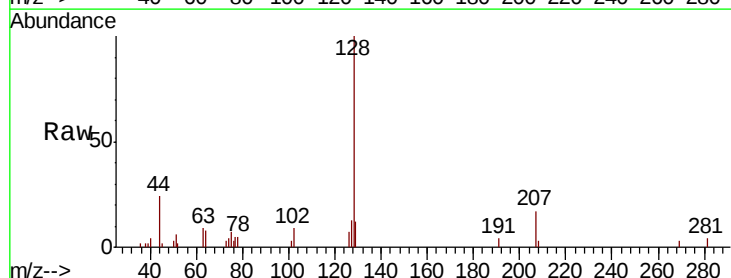
Tgt Ion:128 Resp: 3504

Ion Ratio Lower Upper

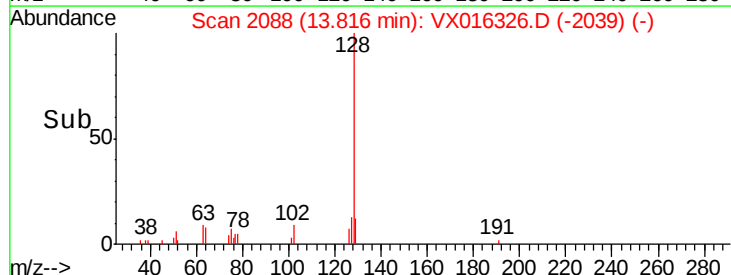
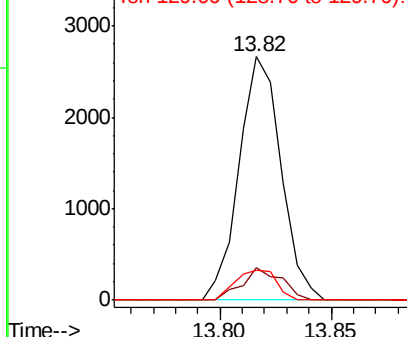
128 100

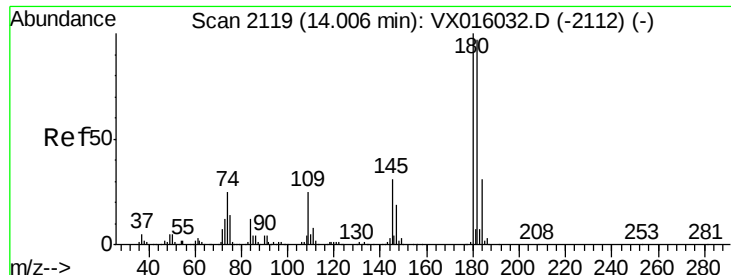
127 12.5 10.2 15.4

129 12.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.313 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016326.D
 Acq: 19 May 2020 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW352-200514

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.4	145.0
145	33.5	16.4	49.1

