

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016091.D
 Acq On : 07 May 2020 14:10
 Operator : JC/SP
 Sample : L2543-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503

Quant Time: May 08 02:03:40 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	299551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	486461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247933	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	183062	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
35) Dibromofluoromethane	5.47	113	144580	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	
50) Toluene-d8	8.70	98	596058	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	238473	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	8938	2.275	ug/l	99
11) Tert butyl alcohol	3.01	59	2110	2.117	ug/l #	92
12) 1,1-Dichloroethene	2.35	96	891	0.286	ug/l #	27
13) Acrolein	2.27	56	323	0.518	ug/l #	19
14) Allyl chloride	2.83	41	2300	0.403	ug/l #	79
16) Acetone	2.42	43	3165	1.800	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	1218	0.351	ug/l #	61
27) cis-1,2-Dichloroethene	4.57	96	159959	42.166	ug/l	89
36) 1,1-Dichloropropene	5.64	75	21950	4.584	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28388	5.833	ug/l #	14
39) Methylcyclohexane	7.43	83	2155	0.374	ug/l #	74
40) Benzene	6.12	78	8098	0.578	ug/l	94
42) 1,2-Dichloroethane	6.17	62	1437	0.285	ug/l	78
43) Isopropyl Acetate	6.32	43	7629	0.862	ug/l #	59
44) Trichloroethene	7.19	130	5349	1.075	ug/l	96
45) 1,2-Dichloropropane	7.49	63	2940	0.829	ug/l #	66
55) 1,1,2-Trichloroethane	9.15	97	775	0.226	ug/l #	15
60) Dibromochloromethane	9.32	129	5402	1.427	ug/l #	11
64) Tetrachloroethene	9.32	164	5775	0.995	ug/l	97
65) Chlorobenzene	10.12	112	552607	55.811	ug/l	99
73) Isopropylbenzene	11.00	105	15260	0.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	254	2.125	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	120351	21.391	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	120351	50.977	ug/l #	13
83) tert-Butylbenzene	11.76	119	36683	2.796	ug/l	97
84) 1,2,4-Trimethylbenzene	11.93	105	50408	3.275	ug/l #	31
85) sec-Butylbenzene	11.93	105	50408	2.845	ug/l	96
86) p-Isopropyltoluene	12.22	119	91382	5.555	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	2793	0.334	ug/l	93
88) 1,4-Dichlorobenzene	12.01	146	2793	0.329	ug/l	91
89) n-Butylbenzene	12.35	91	4504	0.300	ug/l #	34
90) Hexachloroethane	12.68	117	3470	1.228	ug/l #	10
94) Hexachlorobutadiene	13.76	225	116	0.568	ug/l	79

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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

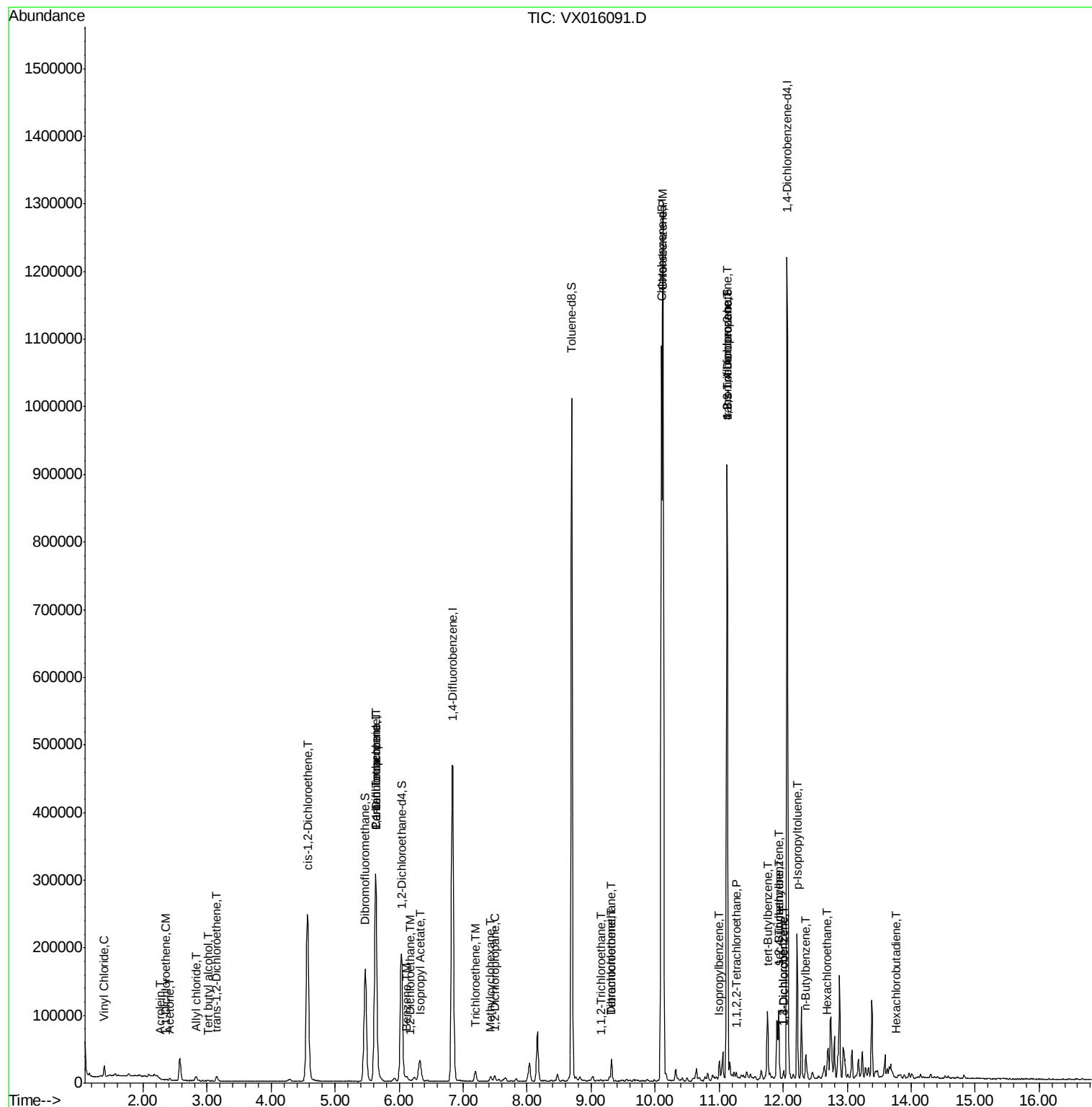
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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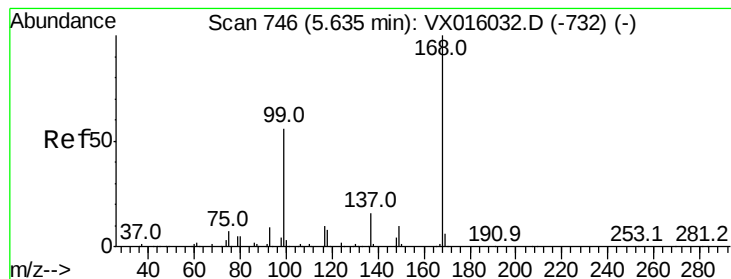
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

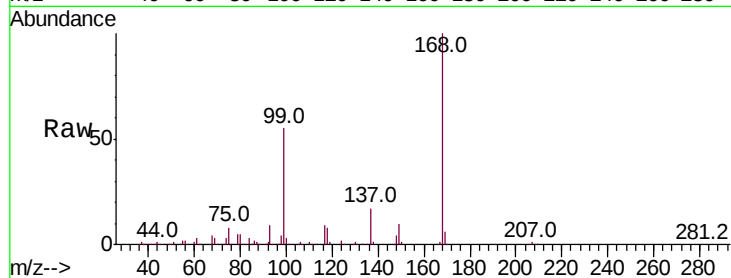
SS038RW151-200503

Tot Ion:168 Resp: 299551

Ion Ratio Lower Upper

168 100

99 55.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

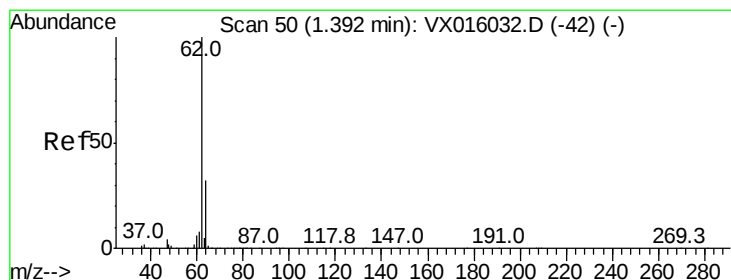
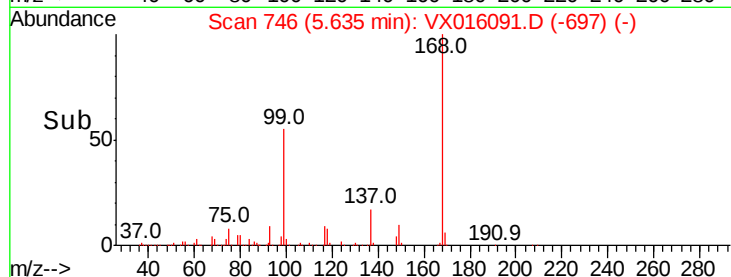
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 2.275 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016091.D

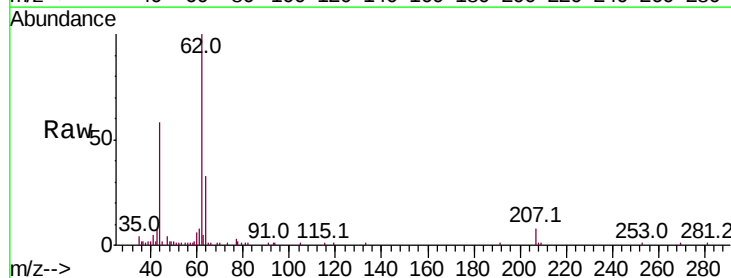
Acq: 07 May 2020 14:10

Tgt Ion: 62 Resp: 8938

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

10000

8000

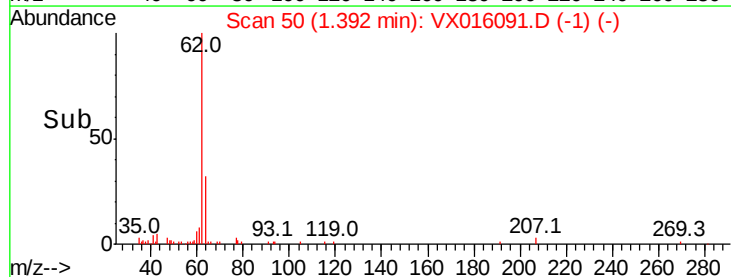
6000

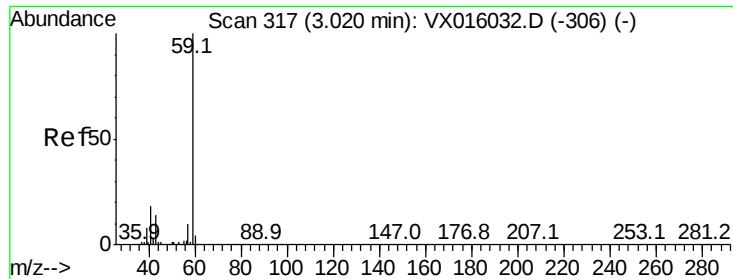
4000

2000

0

Time-->

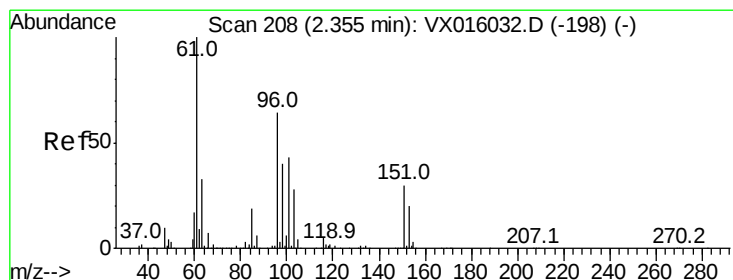
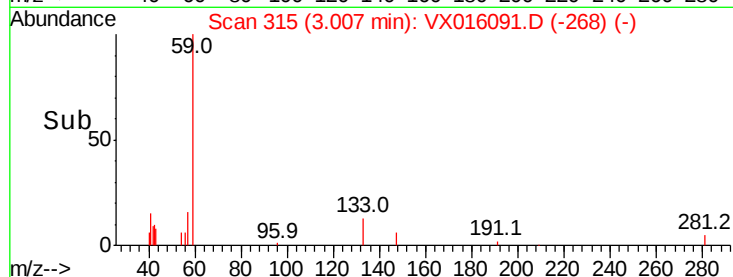
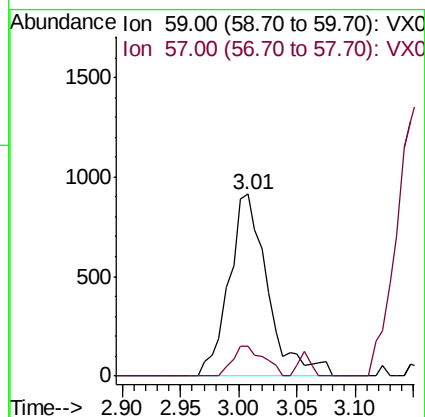
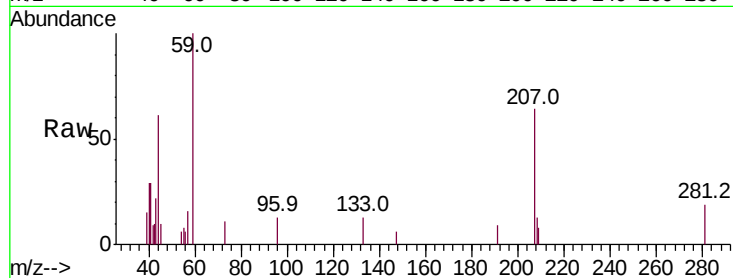




#11
Tert butyl alcohol
Concen: 2.117 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

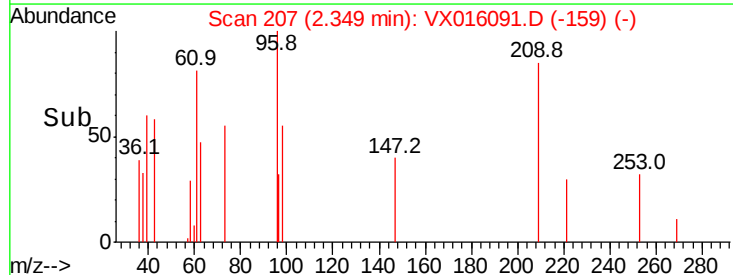
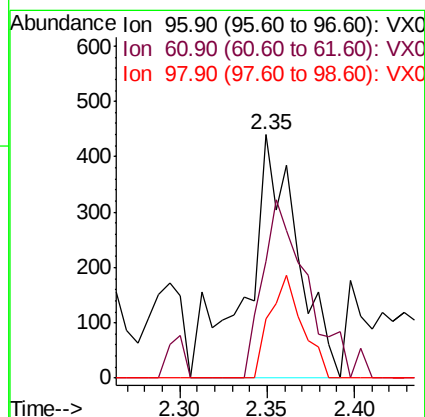
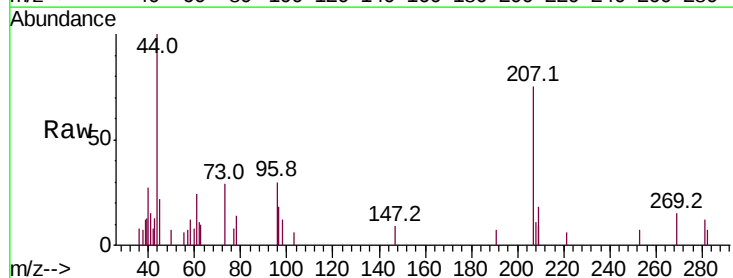
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503

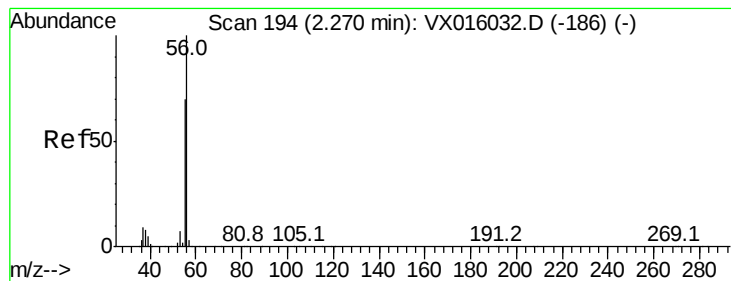
Tot Ion: 59 Resp: 2110
Ion Ratio Lower Upper
59 100
57 13.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.286 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

Tgt Ion: 96 Resp: 891
Ion Ratio Lower Upper
96 100
61 48.2 124.8 187.2#
98 24.3 49.7 74.5#





#13

Acrolein

Concen: 0.518 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

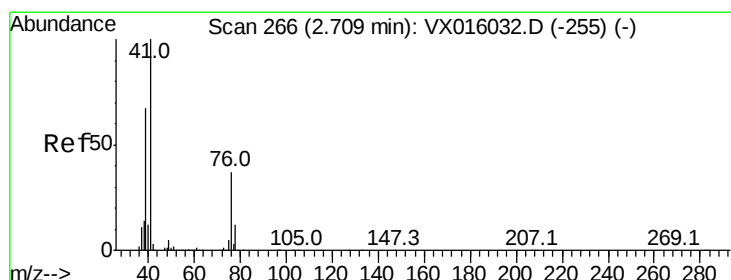
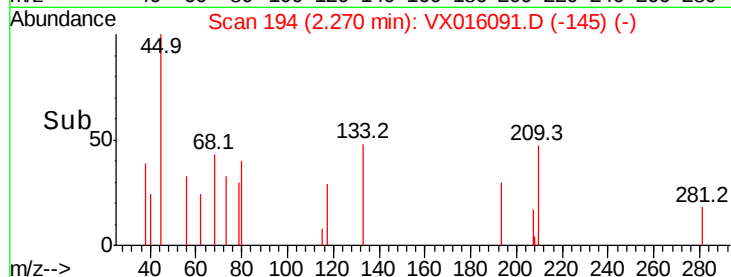
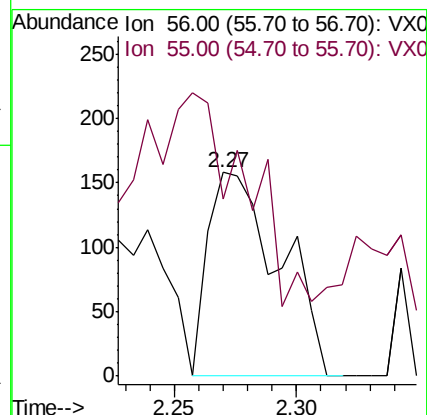
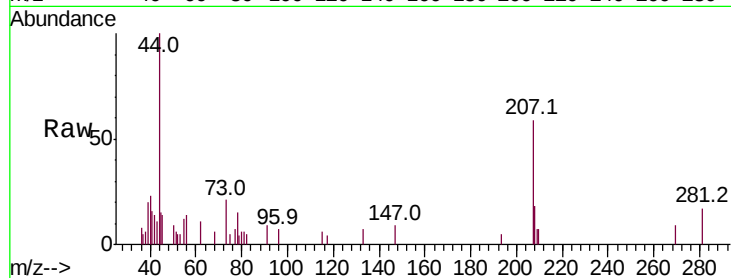
SS038RW151-200503

Tot Ion: 56 Resp: 323

Ion Ratio Lower Upper

56 100

55 137.5 56.5 84.7#



#14

Allyl chloride

Concen: 0.403 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.12 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

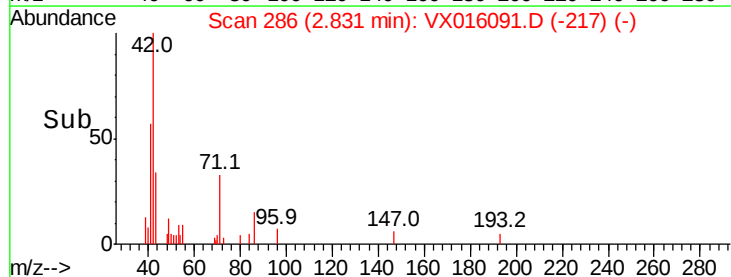
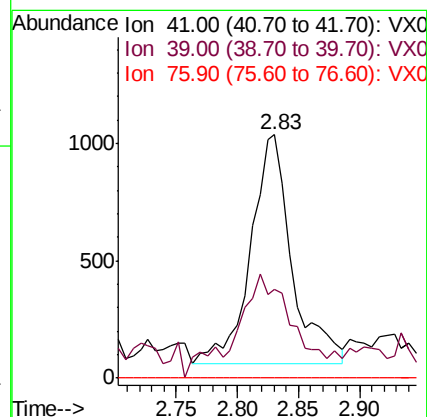
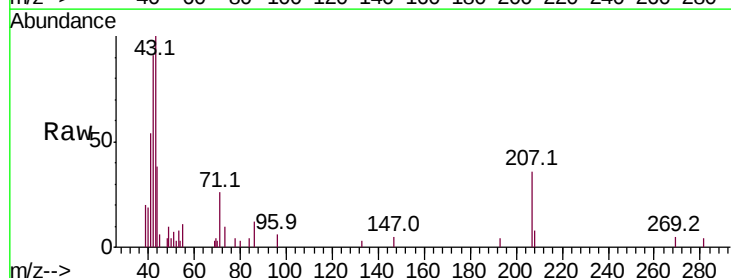
Tgt Ion: 41 Resp: 2300

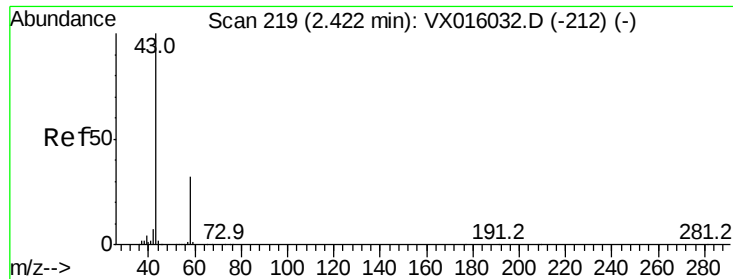
Ion Ratio Lower Upper

41 100

39 62.2 50.5 75.7

76 0.0 26.6 40.0#





#16

Acetone

Concen: 1.800 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

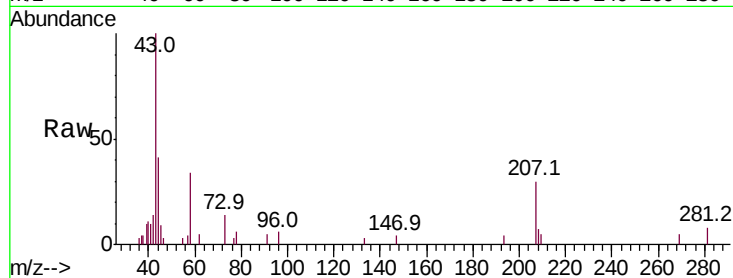
SS038RW151-200503

Tot Ion: 43 Resp: 3165

Ion Ratio Lower Upper

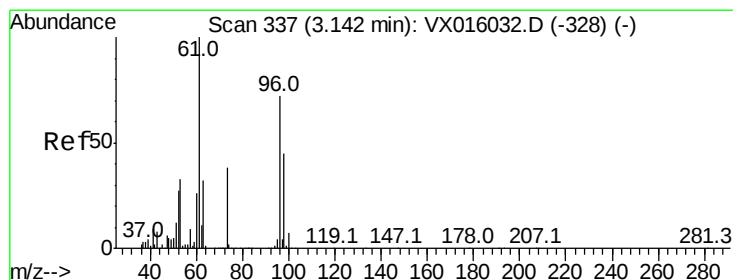
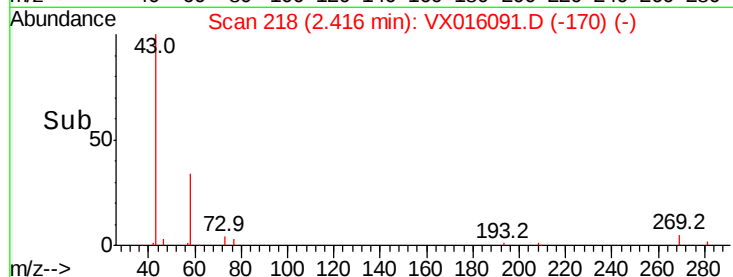
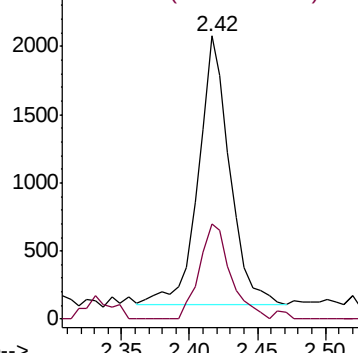
43 100

58 35.4 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: 0.351 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

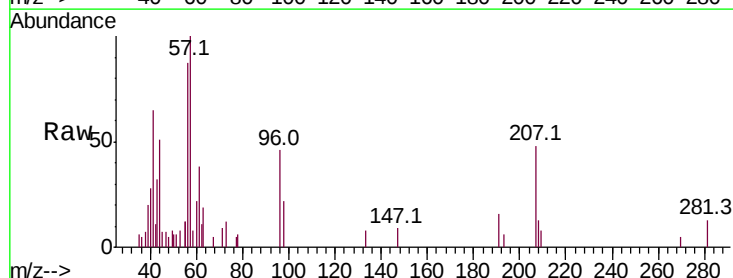
Tgt Ion: 96 Resp: 1218

Ion Ratio Lower Upper

96 100

61 81.8 111.2 166.8#

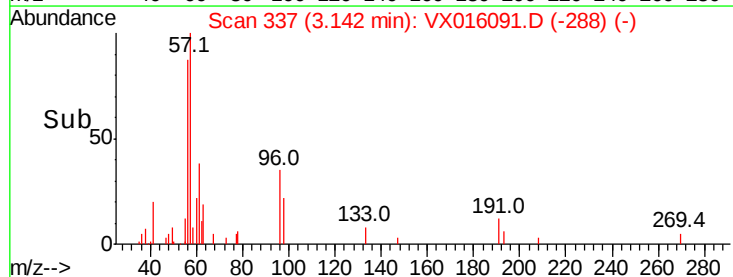
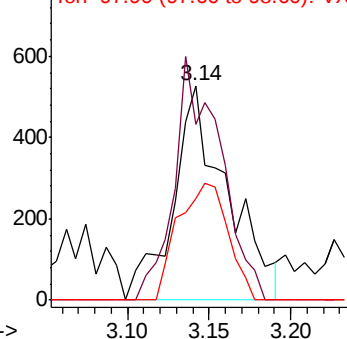
98 47.2 50.2 75.4#

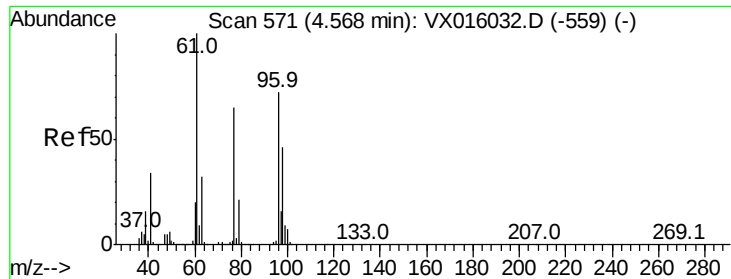


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



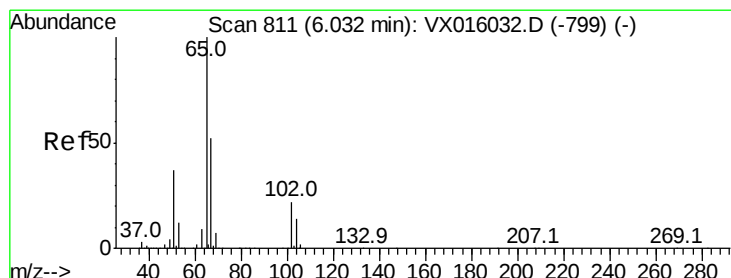
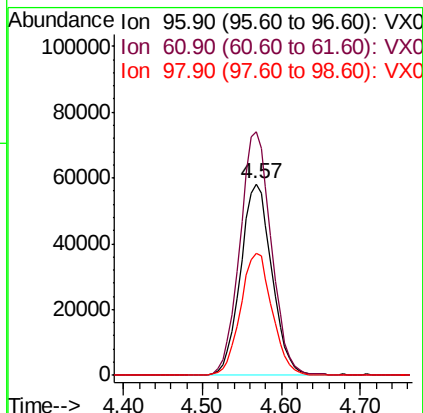
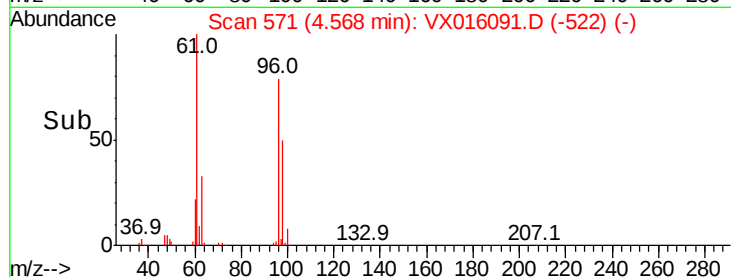
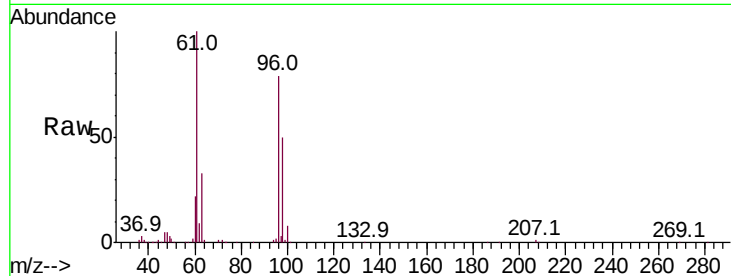


#27

cis-1,2-Dichloroethene
Concen: 42.166 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

Instrument :
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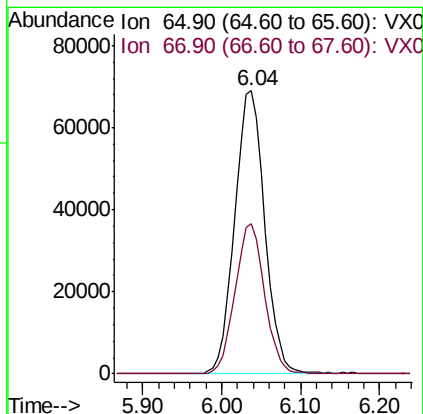
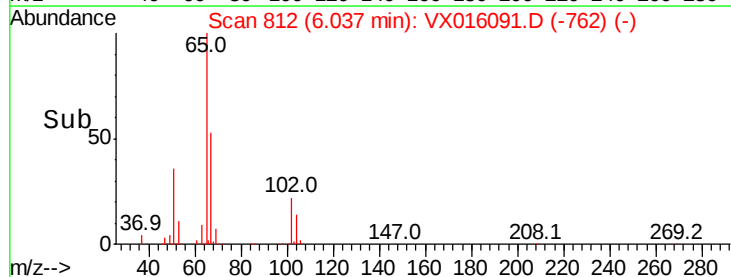
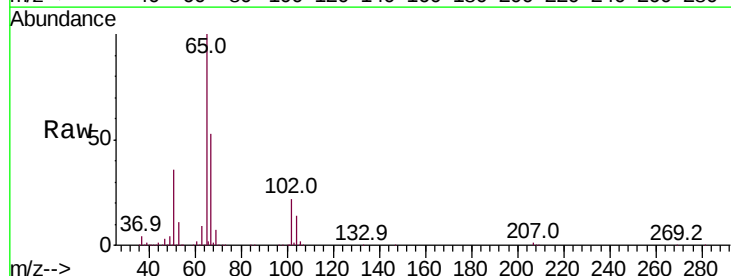
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	296.2
98	64.8	0.0	129.4

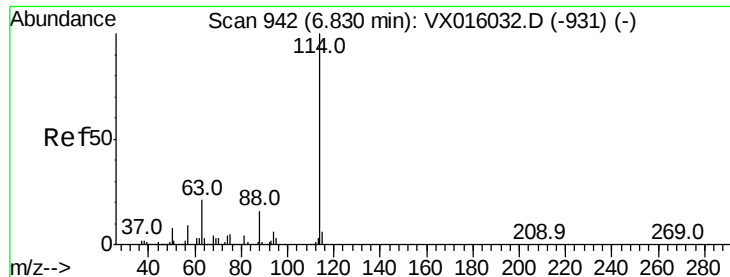


#33

1,2-Dichloroethane-d4
Concen: 46.441 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503

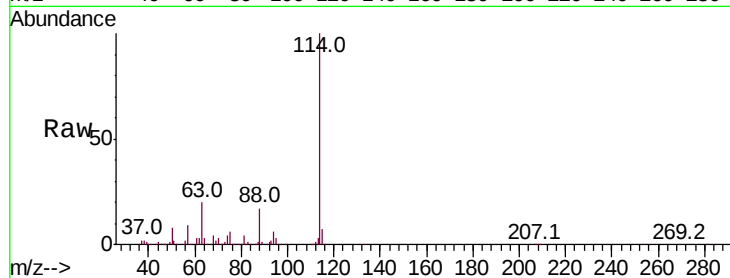
Tot Ion:114 Resp: 486461

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

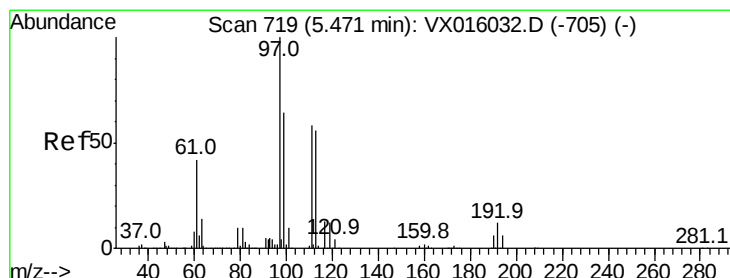
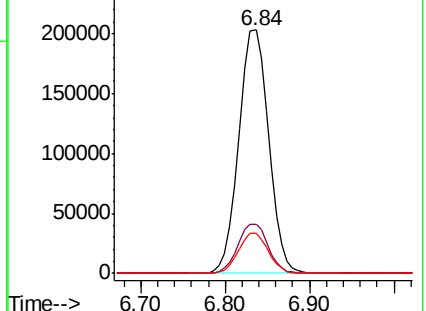
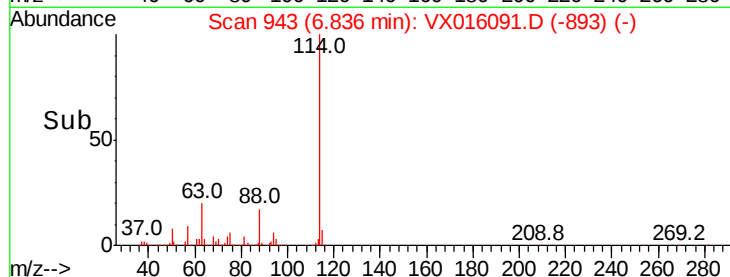
88 16.7 0.0 31.4



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: 46.912 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

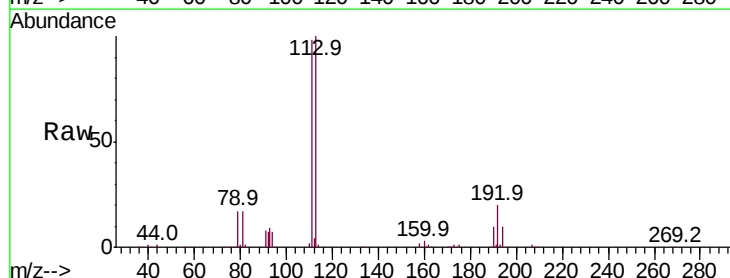
Tgt Ion:113 Resp: 144580

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

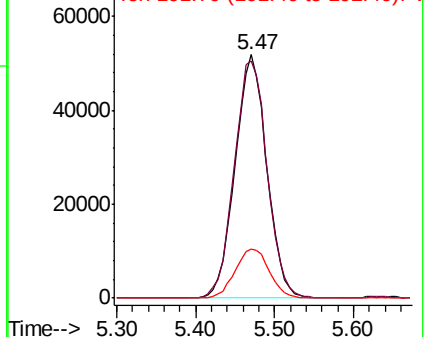
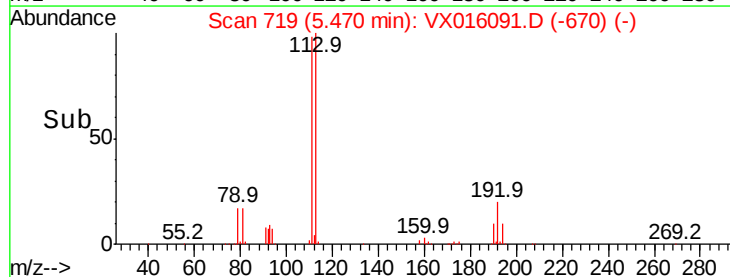
192 21.5 17.0 25.4

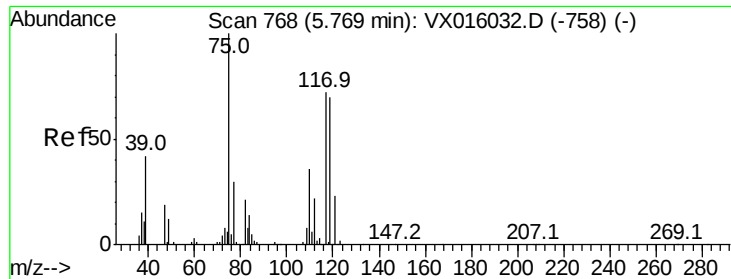


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

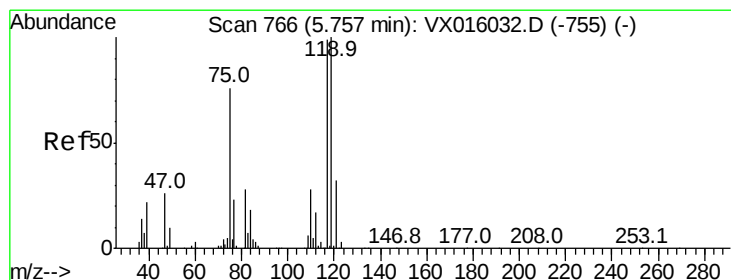
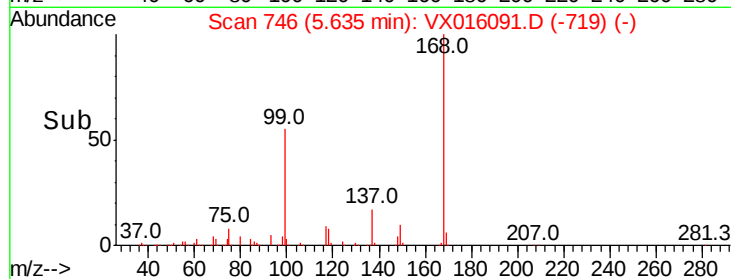
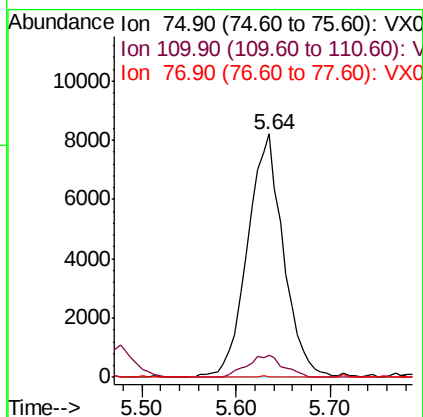
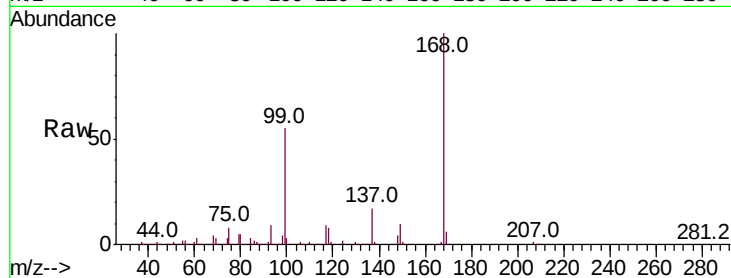




#36
 1,1-Dichloropropene
 Concen: 4.584 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016091.D
 Acq: 07 May 2020 14:10

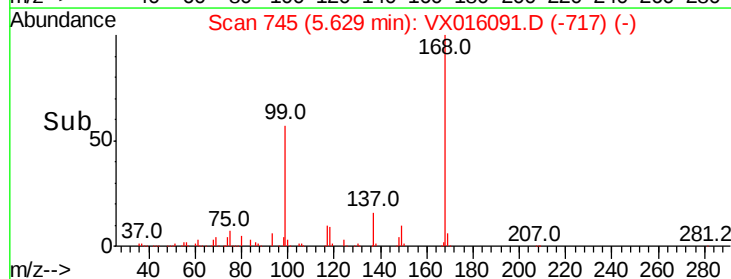
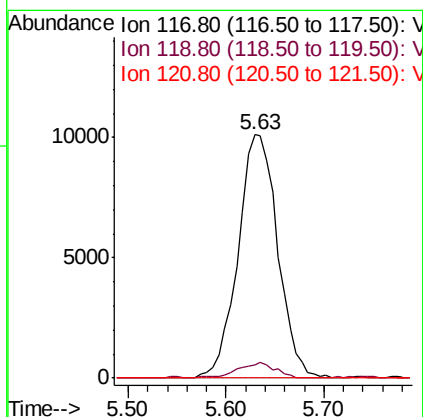
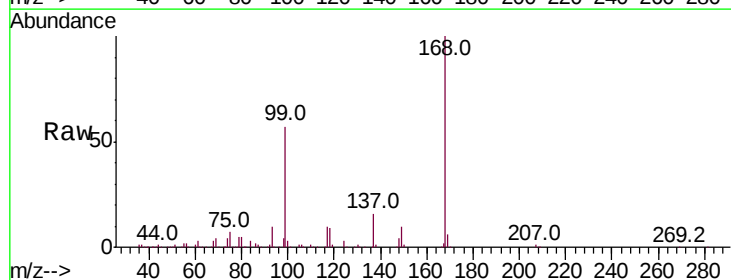
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-200503

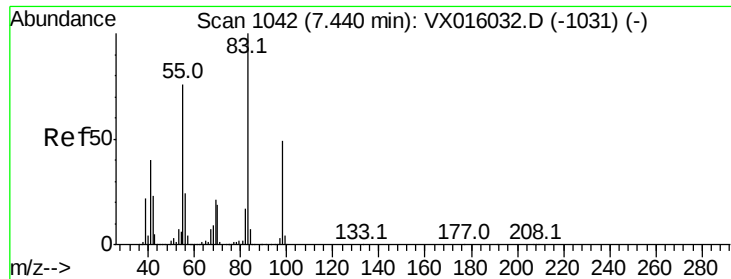
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.1	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.833 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016091.D
 Acq: 07 May 2020 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	80.3	120.5#
121	0.0	25.7	38.5#

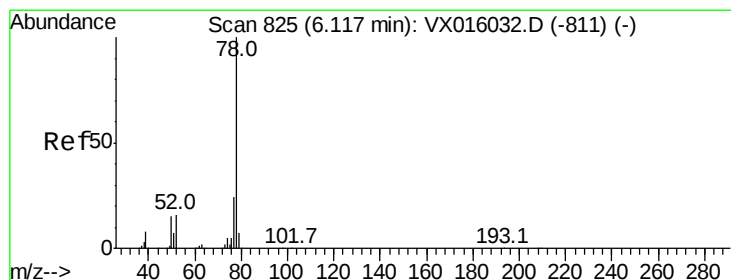
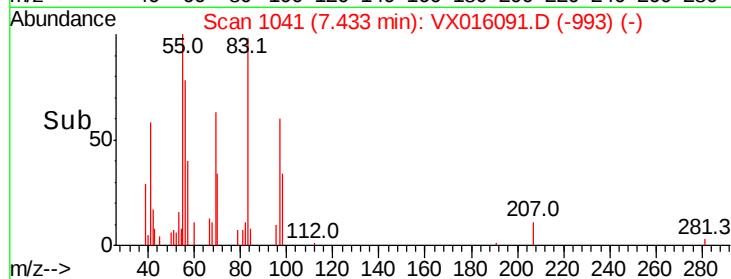
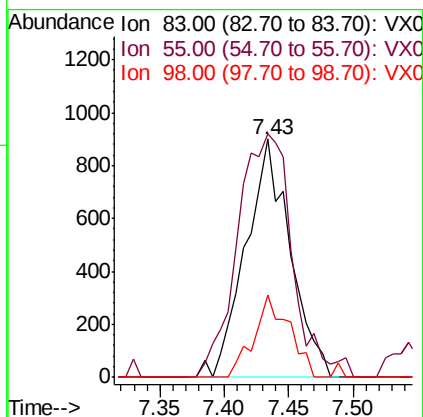
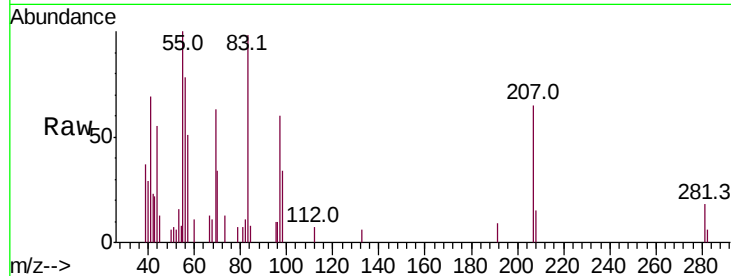




#39
Methvlcvclohexane
Concen: 0.374 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

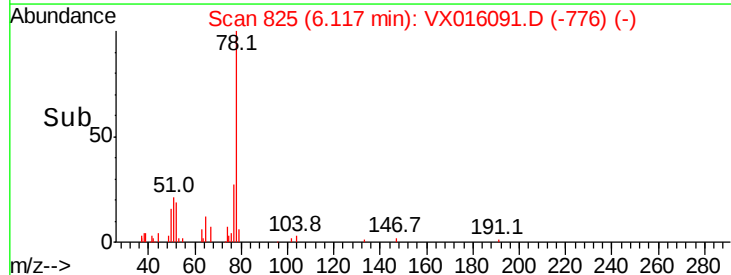
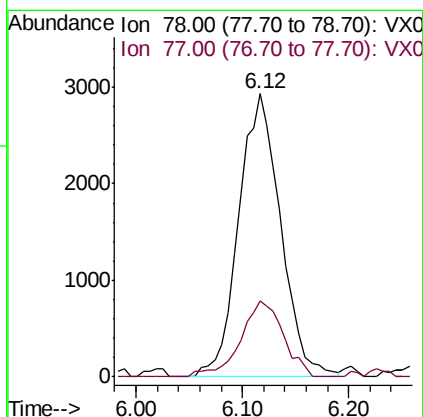
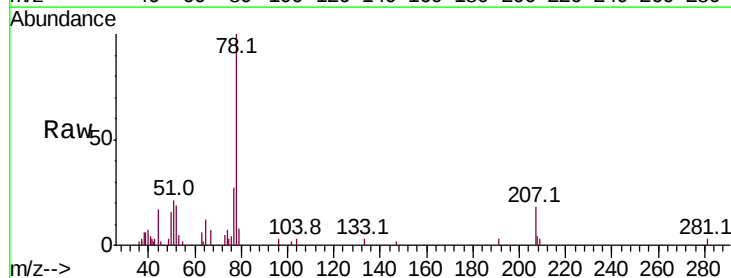
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503

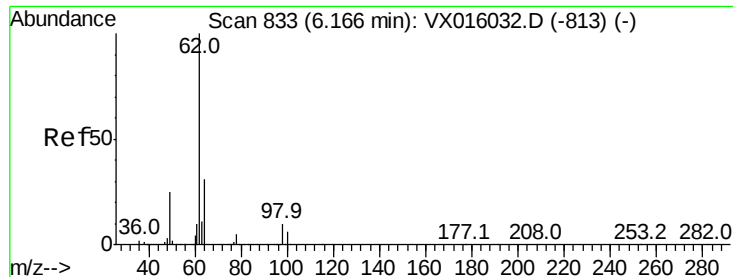
Tot Ion: 83 Resp: 2155
Ion Ratio Lower Upper
83 100
55 102.3 61.1 91.7#
98 34.8 39.0 58.4#



#40
Benzene
Concen: 0.578 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

Tgt Ion: 78 Resp: 8098
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.4





#42

1,2-Dichloroethane

Concen: 0.285 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

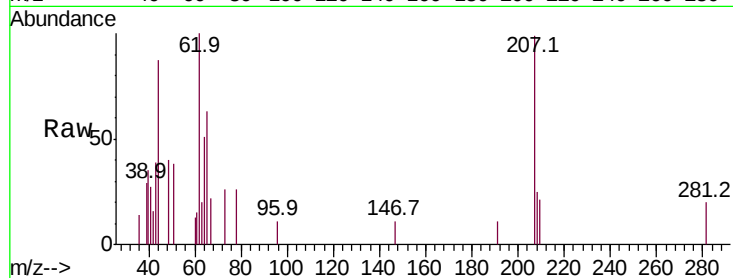
SS038RW151-200503

Tot Ion: 62 Resp: 1437

Ion Ratio Lower Upper

62 100

98 1.5 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

600

500

400

300

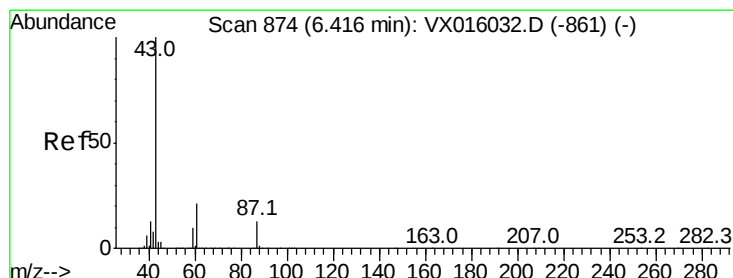
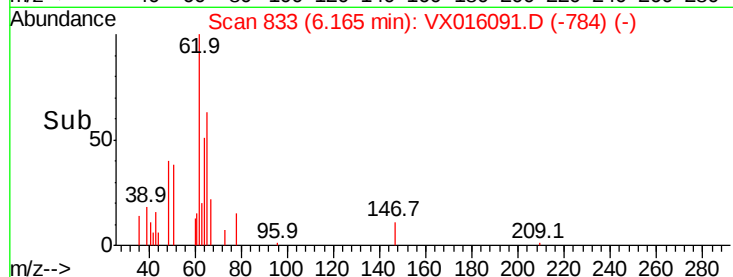
200

100

0

6.10 6.15 6.20

Time-->



#43

Isopropyl Acetate

Concen: 0.862 ug/l

RT: 6.32 min Scan# 859

Delta R.T. -0.09 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

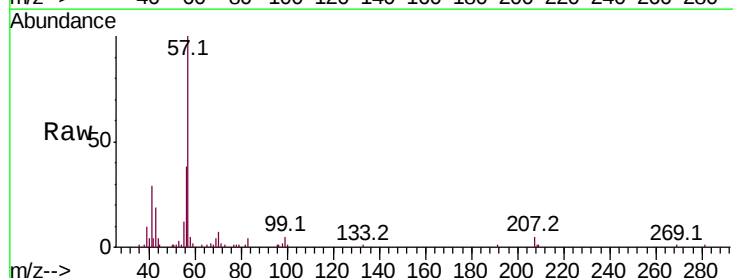
Tgt Ion: 43 Resp: 7629

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

3000

2500

2000

1500

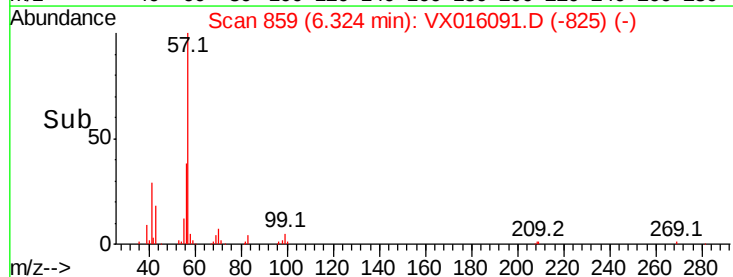
1000

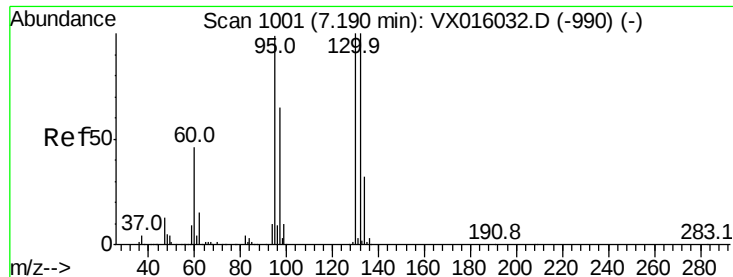
500

0

6.20 6.30 6.40

Time-->





#44

Trichloroethene

Concen: 1.075 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

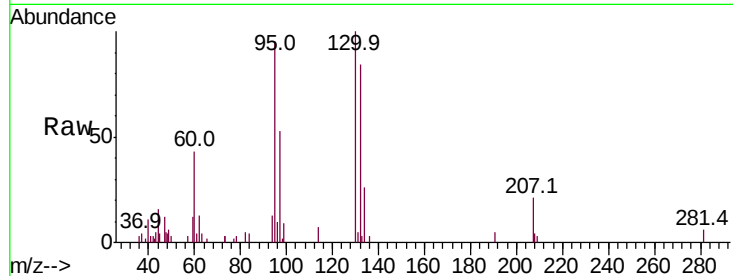
SS038RW151-200503

Tot Ion:130 Resp: 5349

Ion Ratio Lower Upper

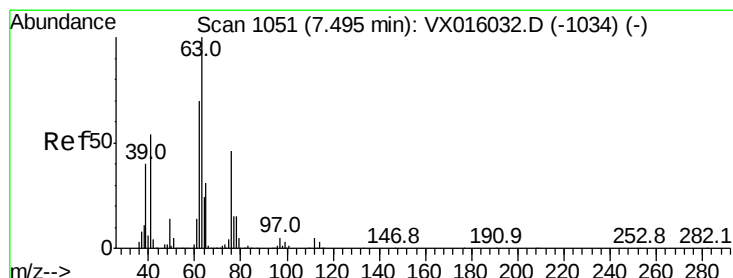
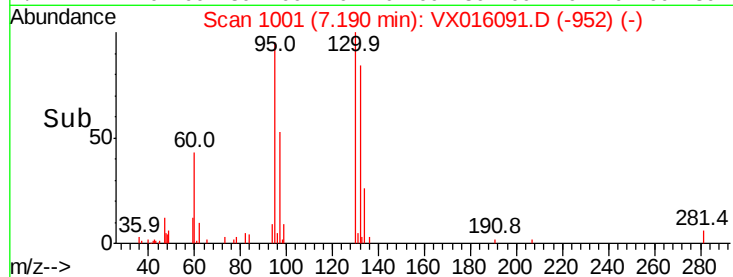
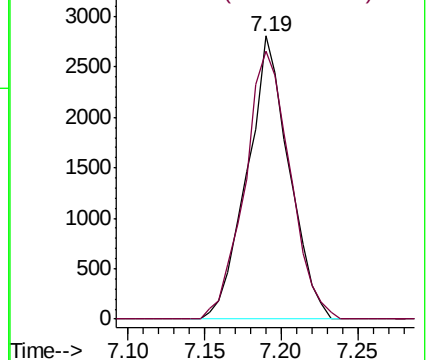
130 100

95 94.5 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.829 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016091.D

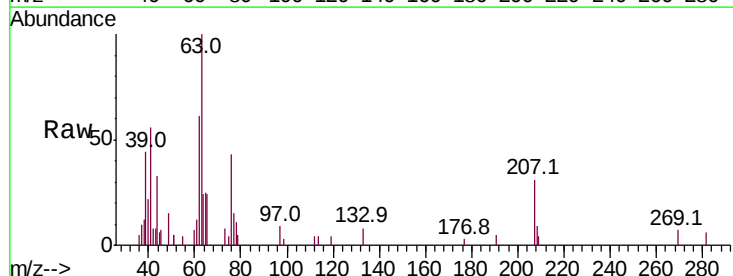
Acq: 07 May 2020 14:10

Tgt Ion: 63 Resp: 2940

Ion Ratio Lower Upper

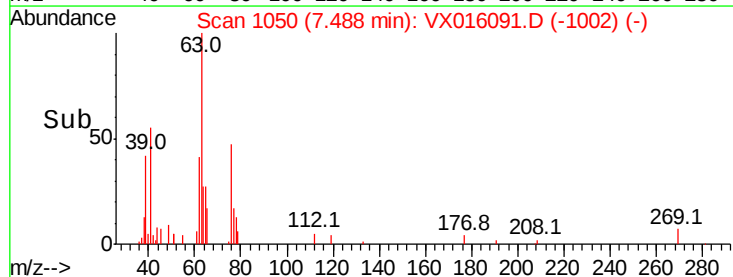
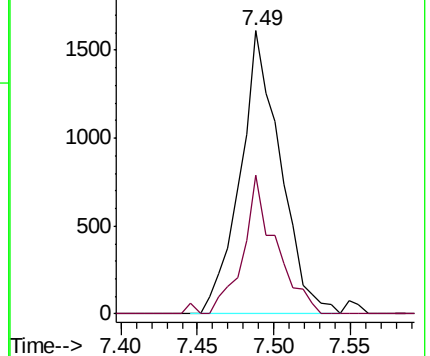
63 100

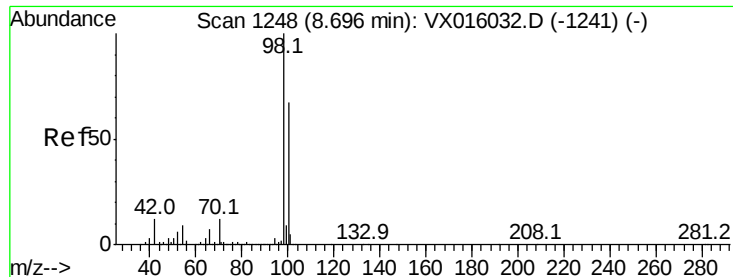
65 48.9 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#50

Toluene-d8

Concen: 50.195 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

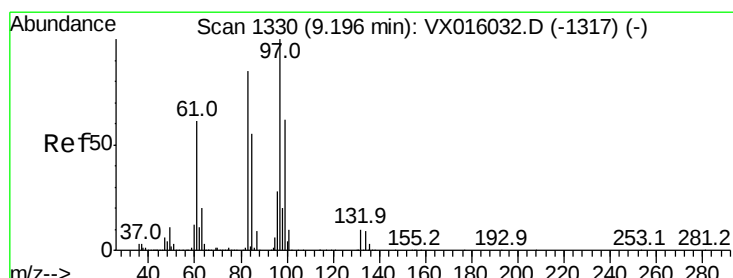
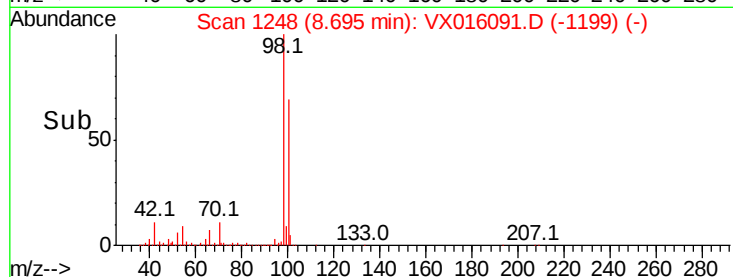
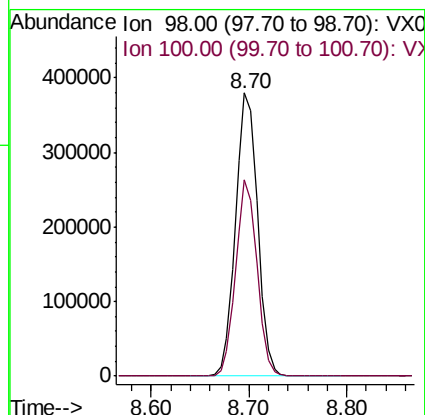
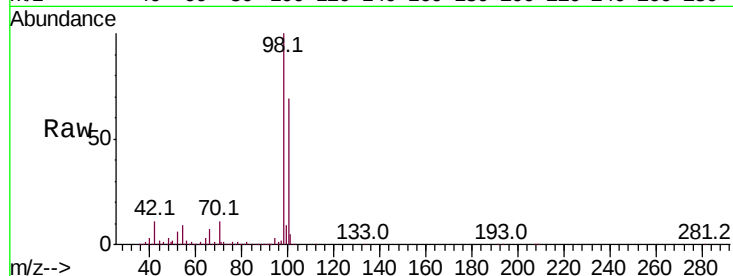
SS038RW151-200503

Tot Ion: 98 Resp: 596058

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#55

1,1,2-Trichloroethane

Concen: 0.226 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Tgt Ion: 97 Resp: 775

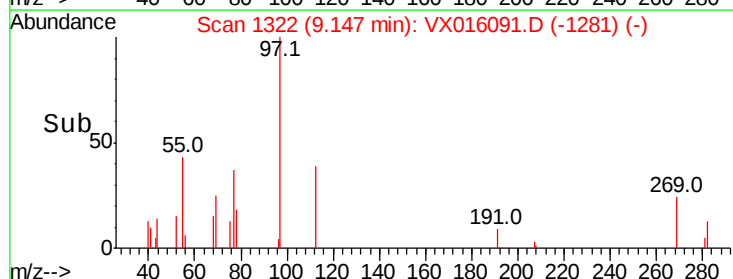
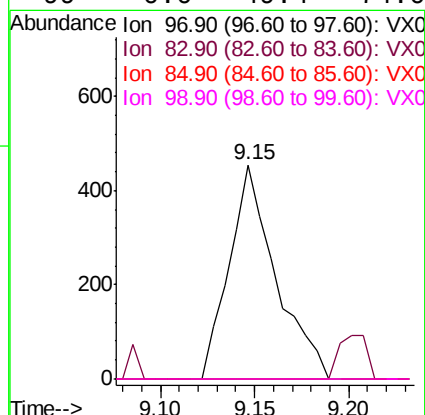
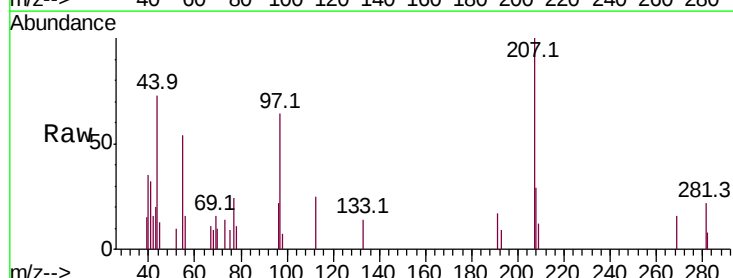
Ion Ratio Lower Upper

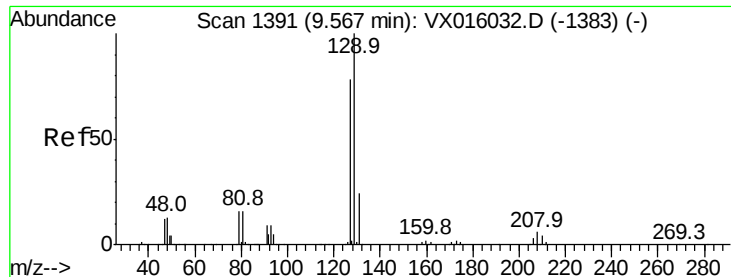
97 100

83 0.0 67.8 101.8#

85 0.0 43.8 65.8#

99 0.0 49.4 74.0#





#60

Dibromochloromethane

Concen: 1.427 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

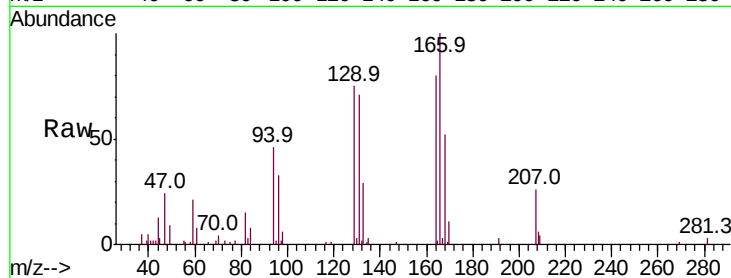
SS038RW151-200503

Tot Ion:129 Resp: 5402

Ion Ratio Lower Upper

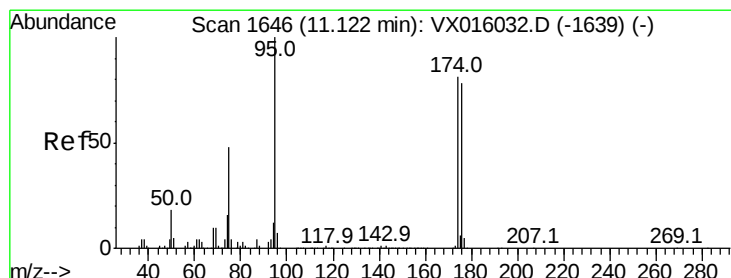
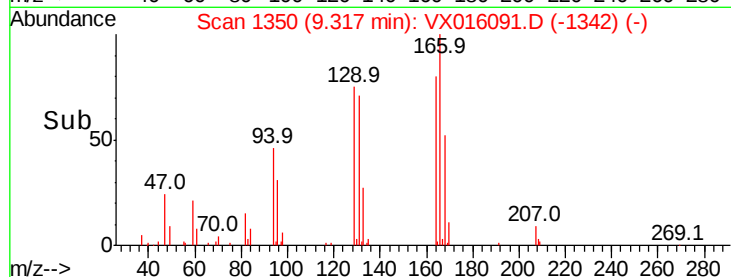
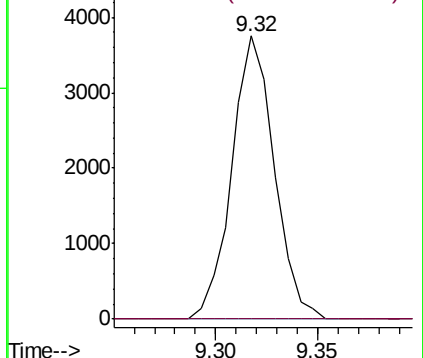
129 100

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: 52.799 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

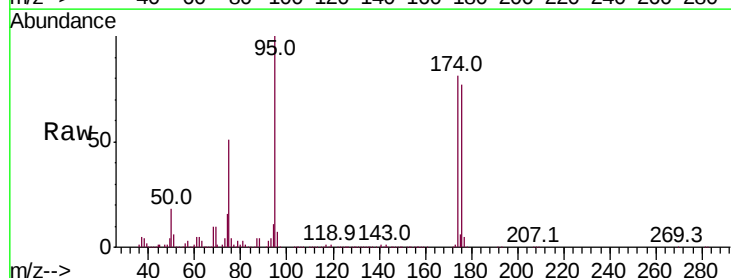
Tgt Ion: 95 Resp: 238473

Ion Ratio Lower Upper

95 100

174 83.4 0.0 159.4

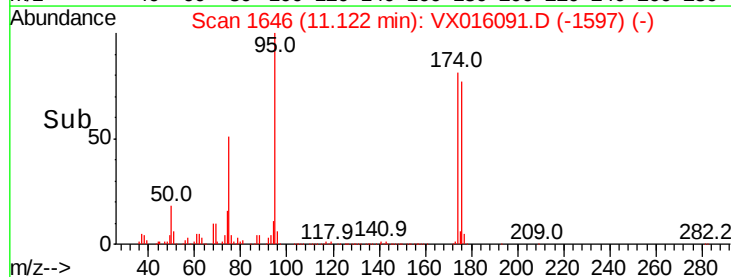
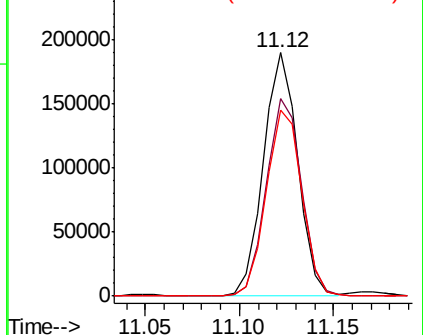
176 79.6 0.0 157.6

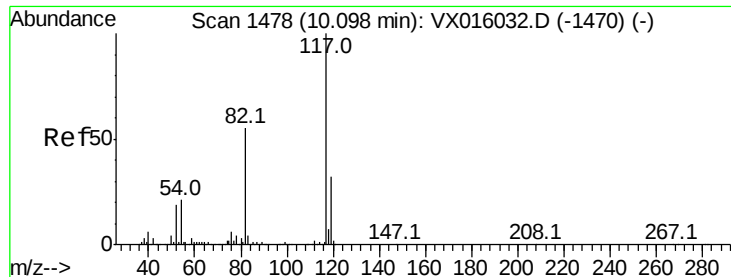


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503

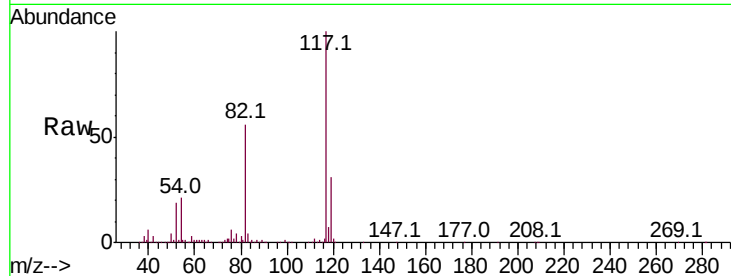
Tot Ion:117 Resp: 472874

Ion Ratio Lower Upper

117 100

82 55.8 44.4 66.6

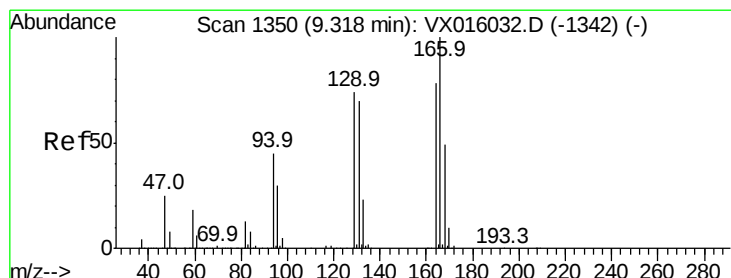
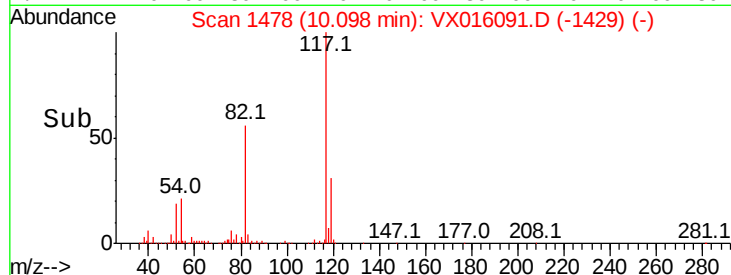
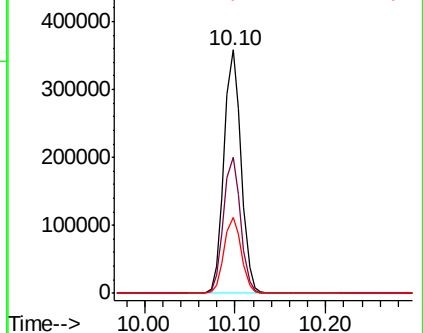
119 31.3 25.5 38.3



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: 0.995 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Tgt Ion:164 Resp: 5775

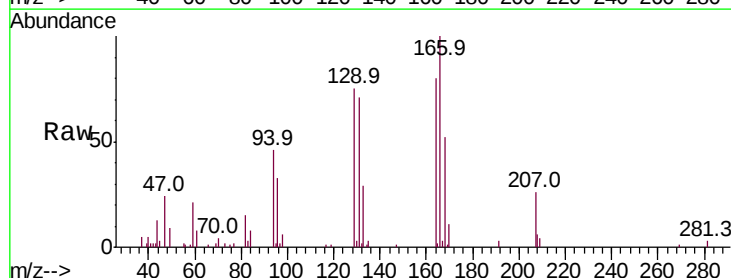
Ion Ratio Lower Upper

164 100

166 124.4 102.9 154.3

129 93.2 76.1 114.1

131 87.8 71.9 107.9

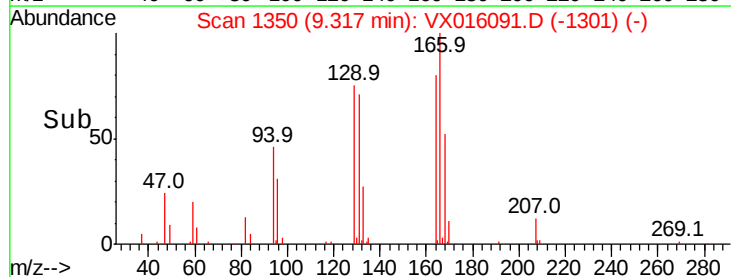
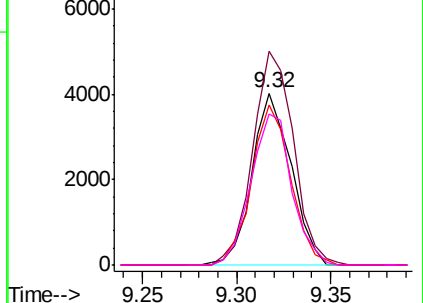


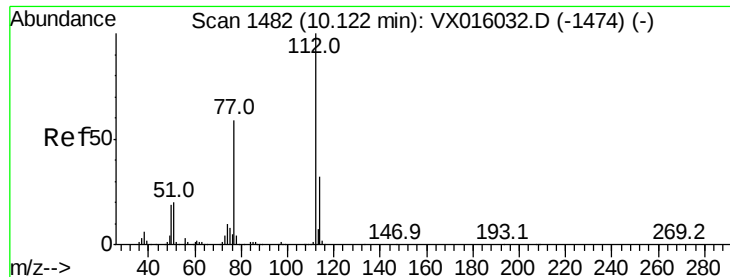
Abundance Ion 163.80 (163.50 to 164.50): V

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: 55.811 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

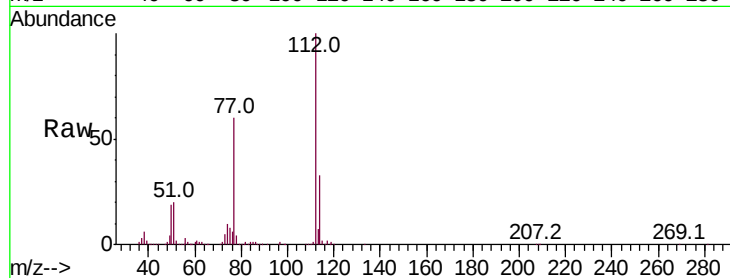
SS038RW151-200503

Tot Ion:112 Resp: 552607

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

400000

300000

200000

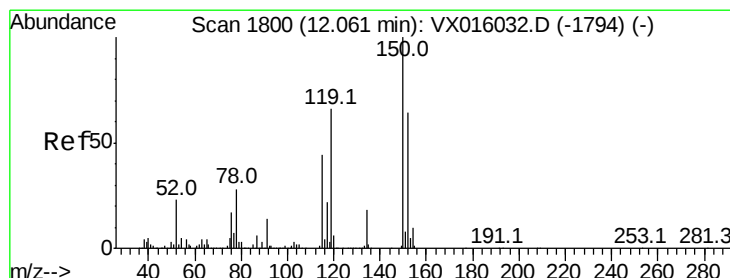
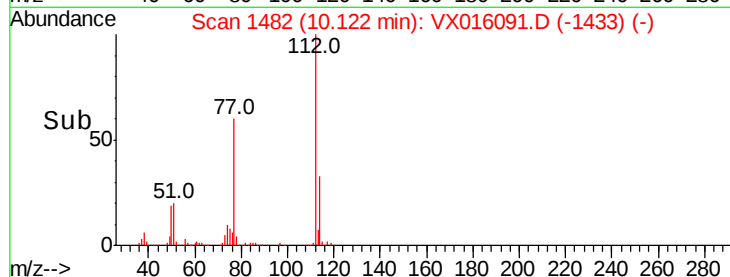
100000

0

10.12

10.10 10.20 10.30

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

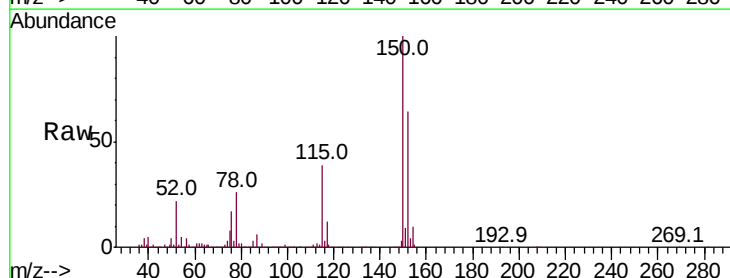
Tgt Ion:152 Resp: 247933

Ion Ratio Lower Upper

152 100

115 59.1 41.3 124.1

150 155.6 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

400000

300000

200000

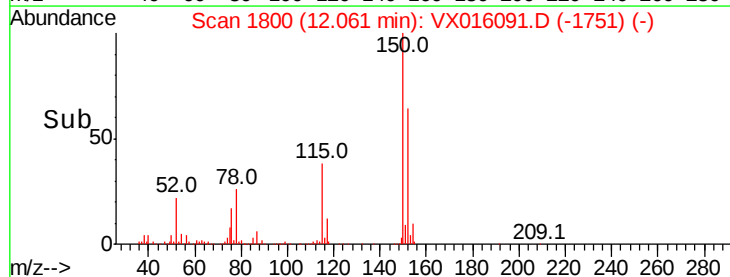
100000

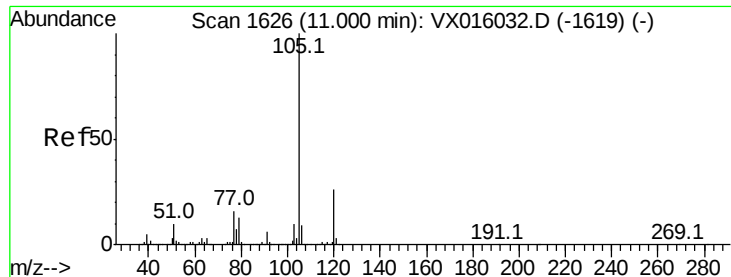
0

12.06

12.00 12.10 12.20

Time-->





#73

Isopropylbenzene

Concen: 0.846 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

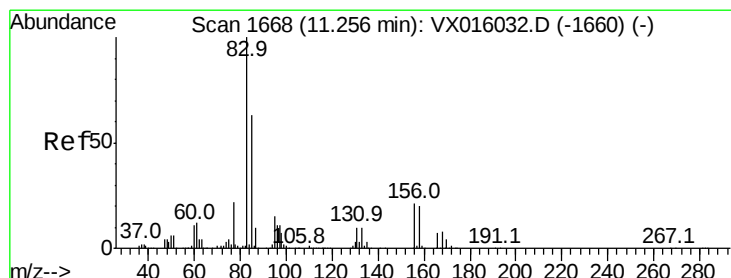
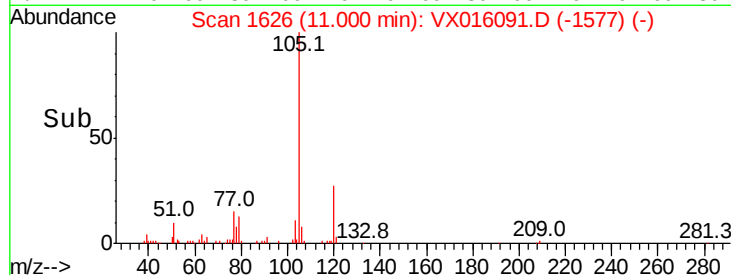
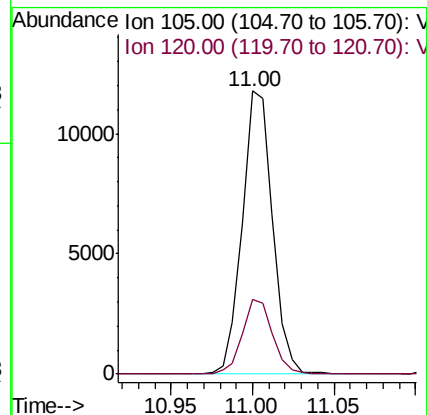
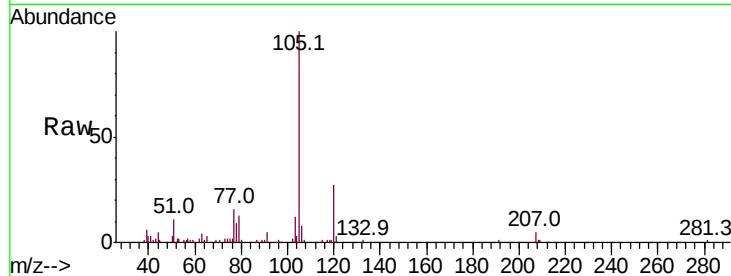
SS038RW151-200503

Tot Ion:105 Resp: 15260

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



#75

1,1,2,2-Tetrachloroethane

Concen: 2.125 ug/l

RT: 11.27 min Scan# 1670

Delta R.T. 0.01 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

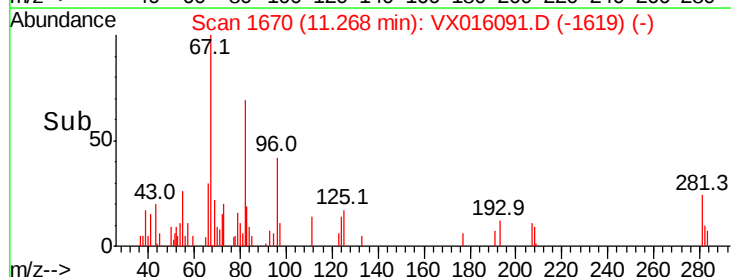
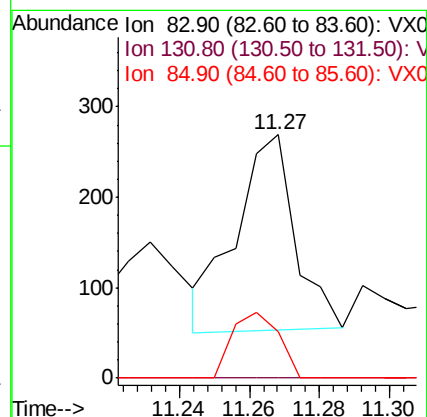
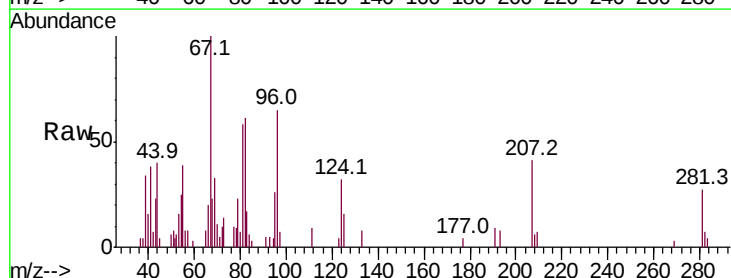
Tgt Ion: 83 Resp: 254

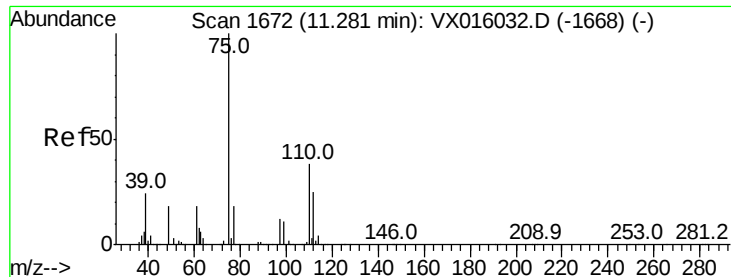
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 21.391 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

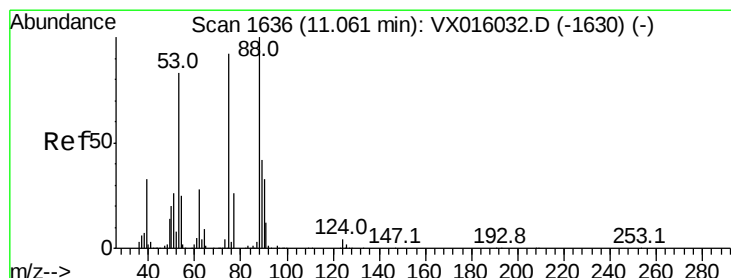
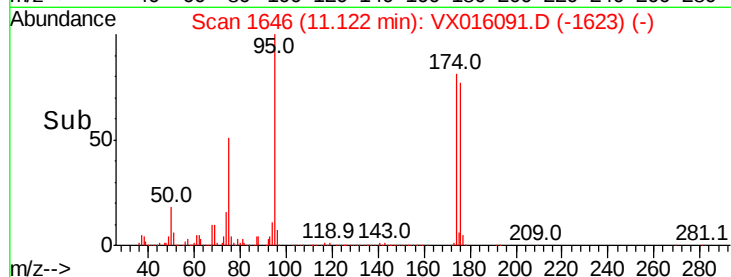
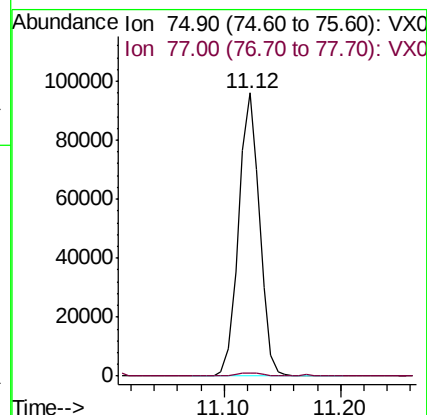
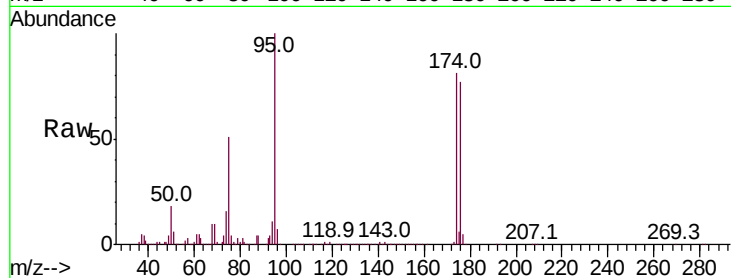
SS038RW151-200503

Tot Ion: 75 Resp: 120351

Ion Ratio Lower Upper

75 100

77 1.1 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.977 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

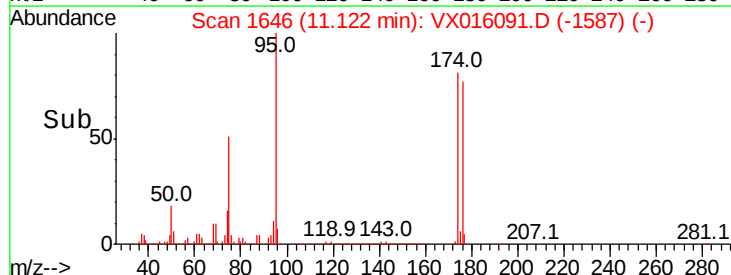
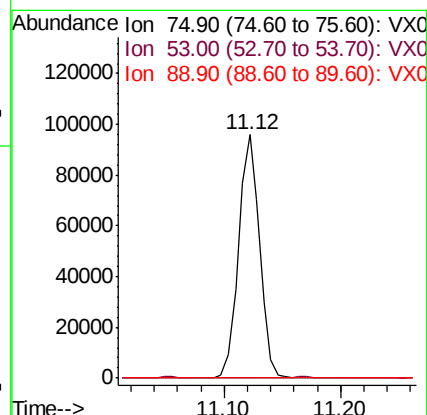
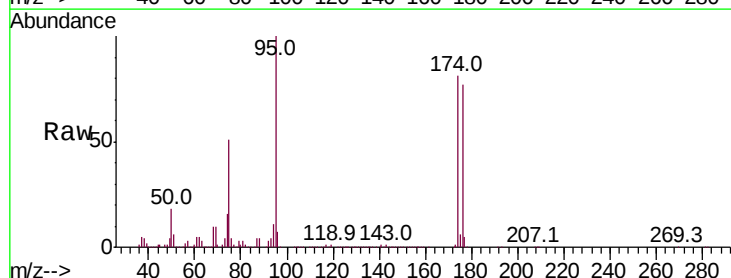
Tgt Ion: 75 Resp: 120351

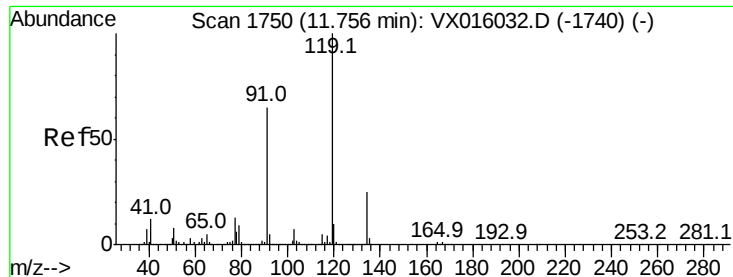
Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

89 0.0 36.7 55.1#





#83

tert-Butylbenzene

Concen: 2.796 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503

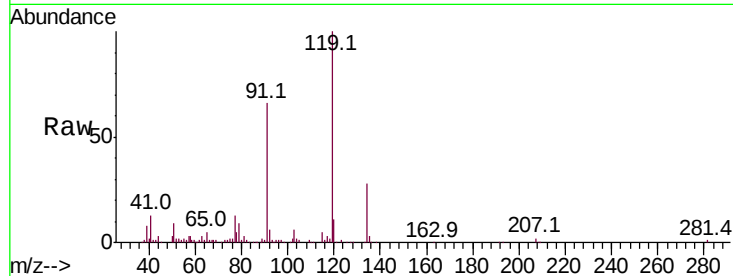
Tot Ion:119 Resp: 36683

Ion Ratio Lower Upper

119 100

91 68.3 32.8 98.4

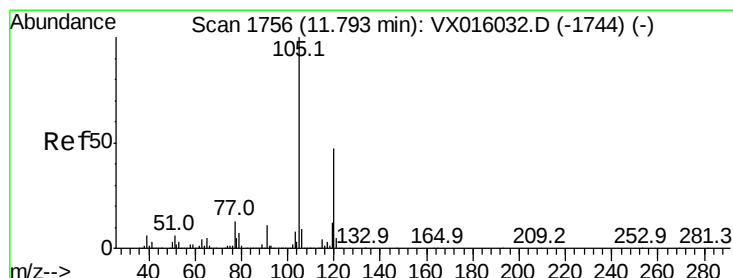
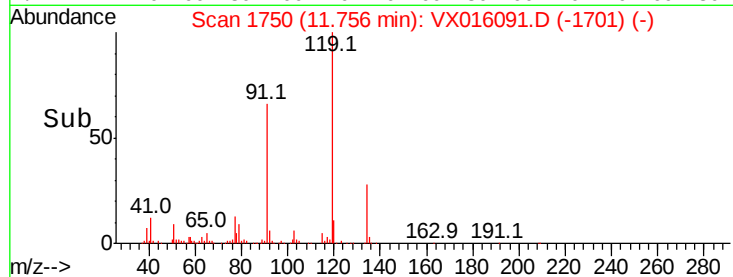
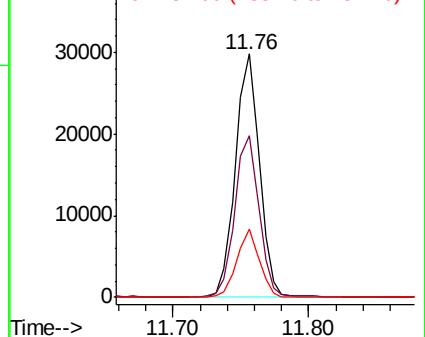
134 26.3 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.275 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.14 min

Lab File: VX016091.D

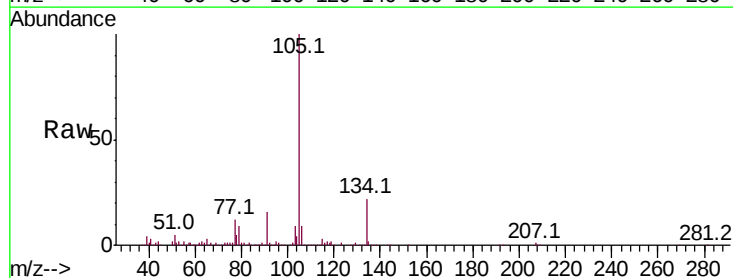
Acq: 07 May 2020 14:10

Tgt Ion:105 Resp: 50408

Ion Ratio Lower Upper

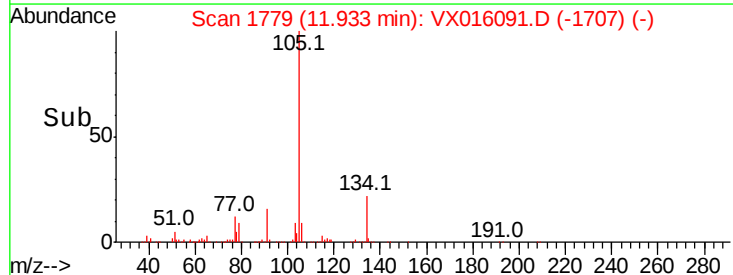
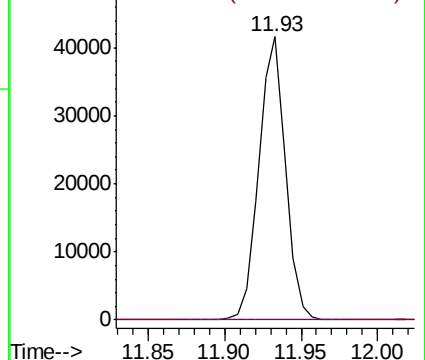
105 100

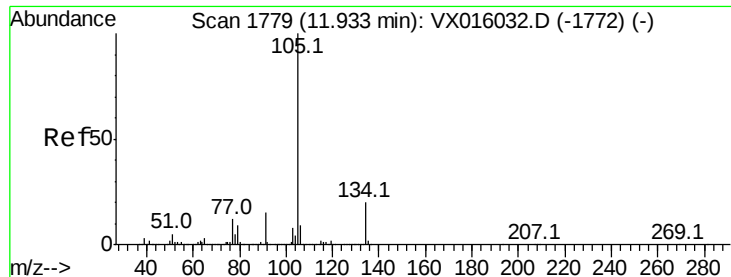
120 0.3 23.0 69.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.845 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

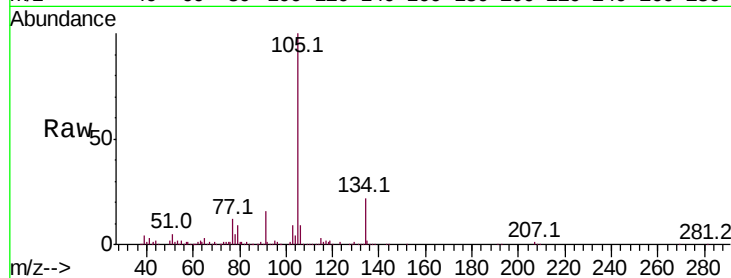
SS038RW151-200503

Tot Ion:105 Resp: 50408

Ion Ratio Lower Upper

105 100

134 18.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

40000

30000

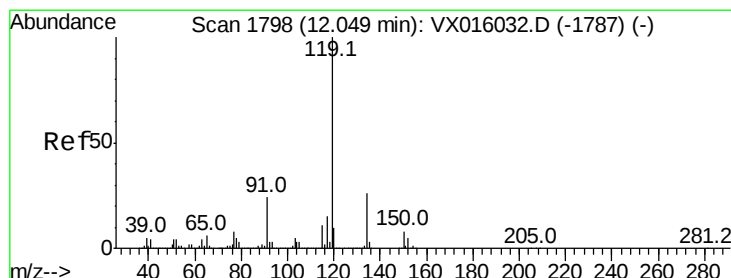
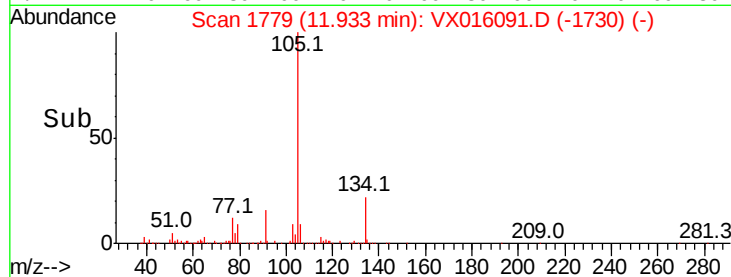
20000

10000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 5.555 ug/l

RT: 12.22 min Scan# 1826

Delta R.T. 0.17 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

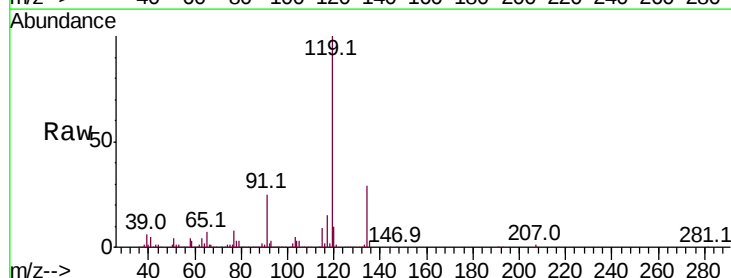
Tgt Ion:119 Resp: 91382

Ion Ratio Lower Upper

119 100

134 28.7 13.1 39.3

91 24.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.22

100000

80000

60000

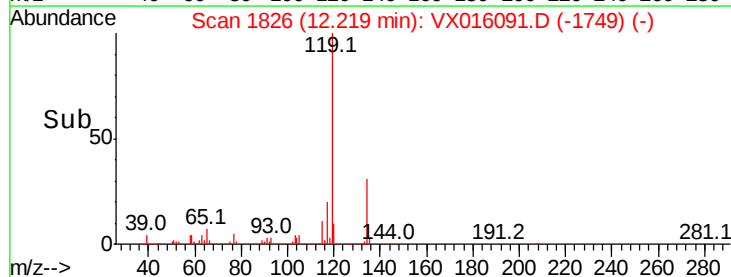
40000

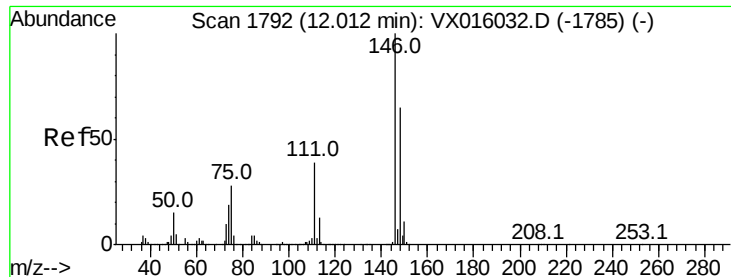
20000

0

12.15 12.20 12.25

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.334 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

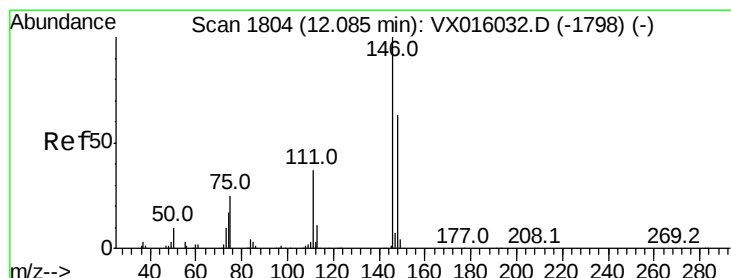
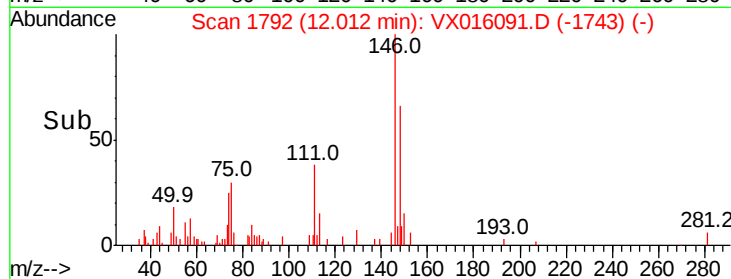
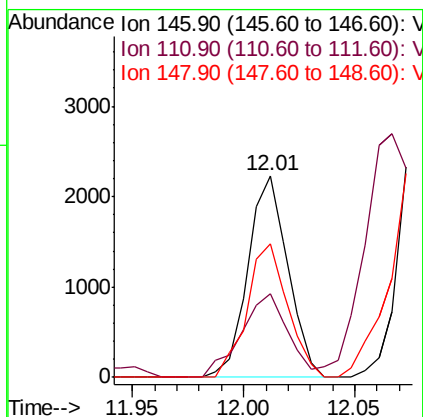
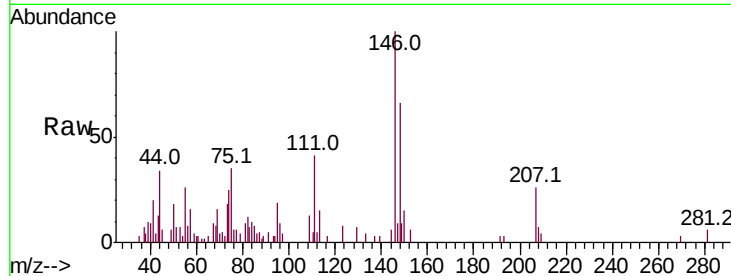
Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503

Tot Ion:146 Resp: 2793

Ion	Ratio	Lower	Upper
146	100		
111	48.4	20.2	60.6
148	67.3	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 0.329 ug/l

RT: 12.01 min Scan# 1792

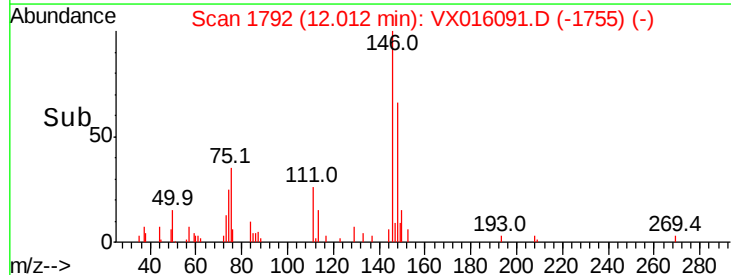
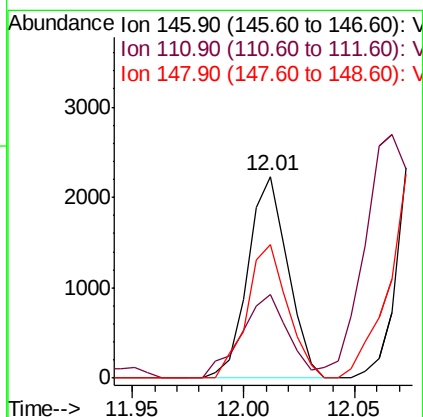
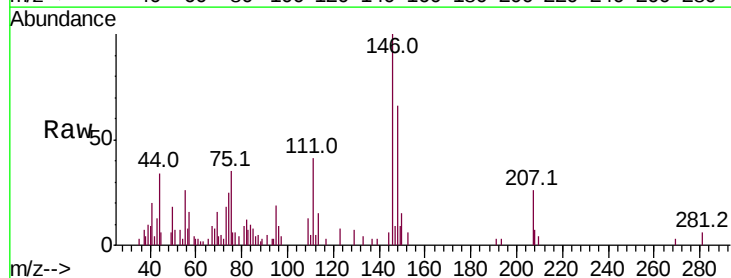
Delta R.T. -0.07 min

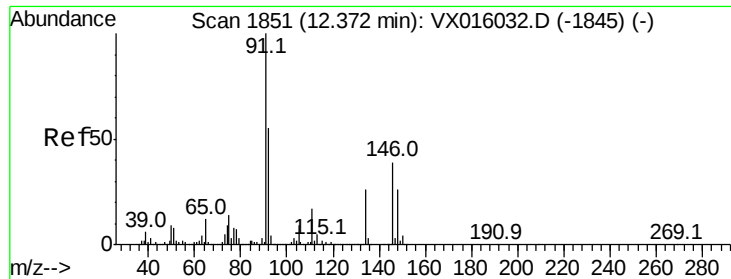
Lab File: VX016091.D

Acq: 07 May 2020 14:10

Tgt Ion:146 Resp: 2793

Ion	Ratio	Lower	Upper
146	100		
111	48.4	19.6	58.7
148	67.3	31.8	95.3

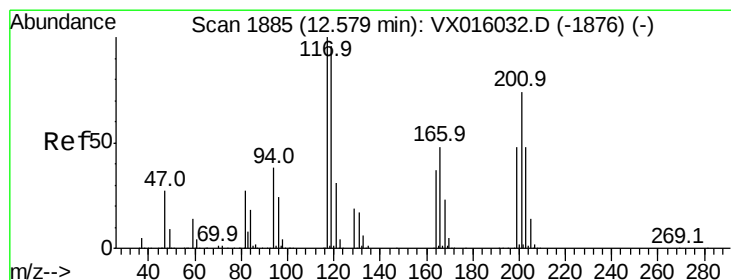
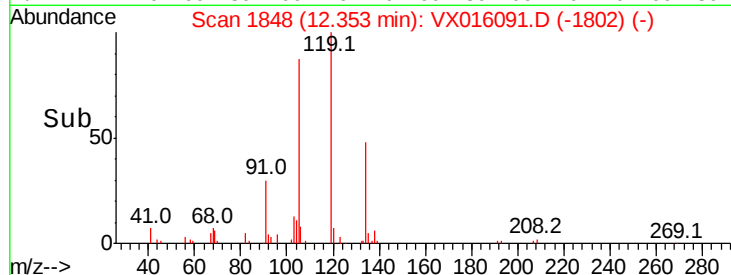
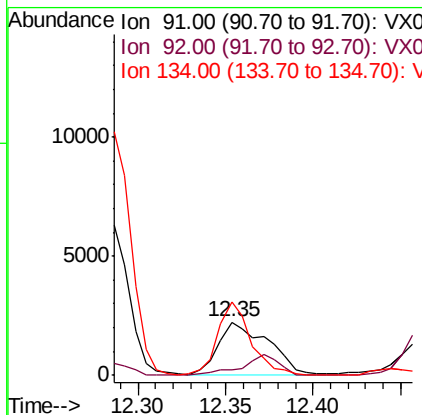
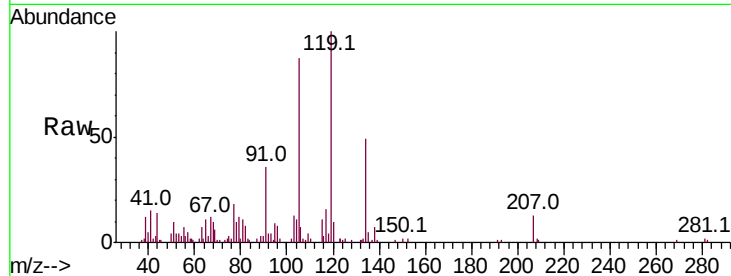




#89
n-Butylbenzene
Concen: 0.300 ug/l
RT: 12.35 min Scan# 1848
Delta R.T. -0.02 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

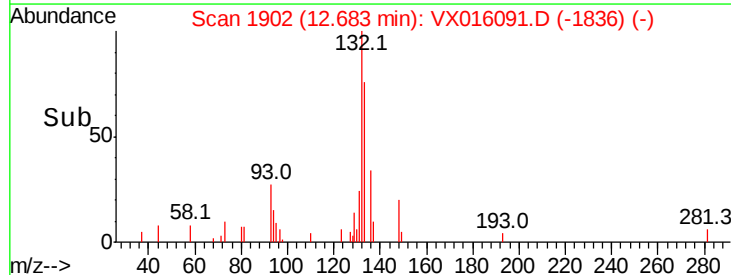
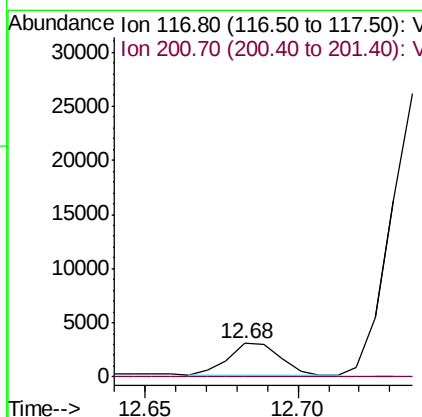
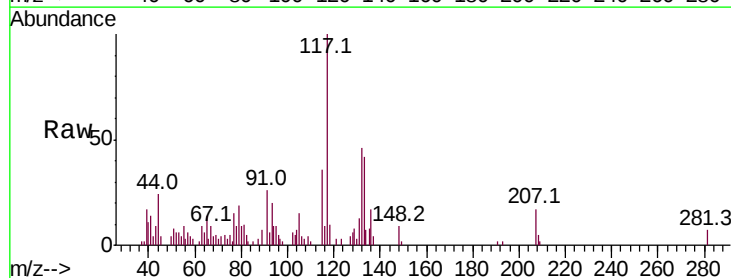
Instrument :
MSVOA_X
ClientSampleId :
SS038RW151-200503

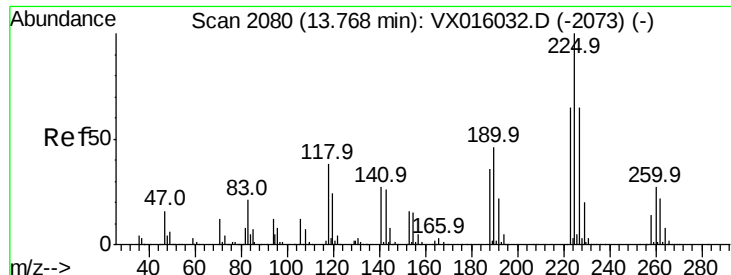
Tot Ion: 91 Resp: 4504
Ion Ratio Lower Upper
91 100
92 27.4 27.6 82.7#
134 90.5 13.4 40.1#



#90
Hexachloroethane
Concen: 1.228 ug/l
RT: 12.68 min Scan# 1902
Delta R.T. 0.10 min
Lab File: VX016091.D
Acq: 07 May 2020 14:10

Tgt Ion: 117 Resp: 3470
Ion Ratio Lower Upper
117 100
201 0.0 39.8 119.3#





#94

Hexachlorobutadiene

Concen: 0.568 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016091.D

Acq: 07 May 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

SS038RW151-200503

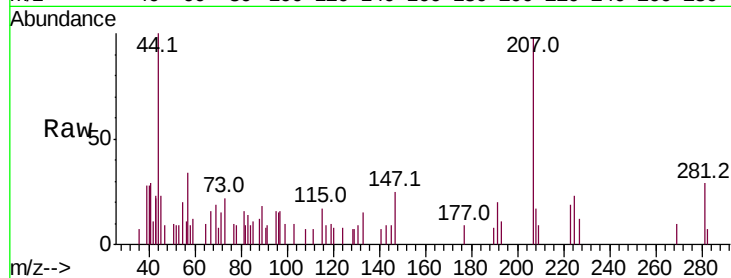
Tot Ion:225 Resp: 116

Ion Ratio Lower Upper

225 100

223 94.0 32.3 96.9

227 67.2 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

