

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070819\
 Data File : VX010724.D
 Acq On : 09 Jul 2019 03:06
 Operator : JC/SP
 Sample : K3690-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW016-190703

Quant Time: Jul 09 07:24:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112405	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
35) Dibromofluoromethane	5.49	113	107299	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	8.71	98	421166	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	145823	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	767	0.421	ug/l	96
4) Vinyl Chloride	1.40	62	1271	0.638	ug/l #	1
5) Bromomethane	1.65	94	525	0.541	ug/l #	50
6) Chloroethane	1.93	64	251	0.213	ug/l #	41
11) Tert butyl alcohol	3.04	59	1911	3.464	ug/l #	94
13) Acrolein	2.32	56	213	0.582	ug/l #	63
14) Allyl chloride	2.85	41	15088	5.453	ug/l #	64
16) Acetone	2.45	43	3926	3.716	ug/l #	85
18) Methyl Acetate	2.85	43	35638	16.925	ug/l #	48
20) Methylene Chloride	2.85	84	545	0.251	ug/l #	1
25) 2-Butanone	4.67	43	313	0.202	ug/l #	46
27) cis-1,2-Dichloroethene	4.60	96	1161	0.479	ug/l	78
29) Tetrahydrofuran	5.10	42	293	0.305	ug/l #	61
31) Cyclohexane	5.59	56	1055	0.346	ug/l #	37
36) 1,1-Dichloropropene	5.67	75	14234	5.123	ug/l #	48
38) Carbon Tetrachloride	5.67	117	20135	6.692	ug/l #	14
39) Methylcyclohexane	7.45	83	4680	1.281	ug/l #	46
43) Isopropyl Acetate	6.35	43	12633	2.671	ug/l #	58
49) 1,4-Dioxane	7.77	88	19	0.300	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	4937	2.100	ug/l #	18
56) Ethyl methacrylate	9.16	69	1004	0.282	ug/l #	1
65) Chlorobenzene	10.14	112	93099	14.103	ug/l	99
73) Isopropylbenzene	11.02	105	7564	0.710	ug/l	98
74) N-ethyl acetate	10.93	43	1704	0.423	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1391	0.394	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	70579	24.628	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	70579	57.454	ug/l #	16
83) tert-Butylbenzene	11.77	119	34754	3.940	ug/l	90
84) 1,2,4-Trimethylbenzene	11.94	105	76331	8.645	ug/l #	30
85) sec-Butylbenzene	11.94	105	76331	7.370	ug/l #	55
86) p-Isopropyltoluene	12.23	119	137370	14.339	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	3963	0.749	ug/l #	50
89) n-Butylbenzene	12.37	91	3873	0.476	ug/l #	9
90) Hexachloroethane	12.67	117	20234	12.215	ug/l #	5

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Response via : Initial Calibration

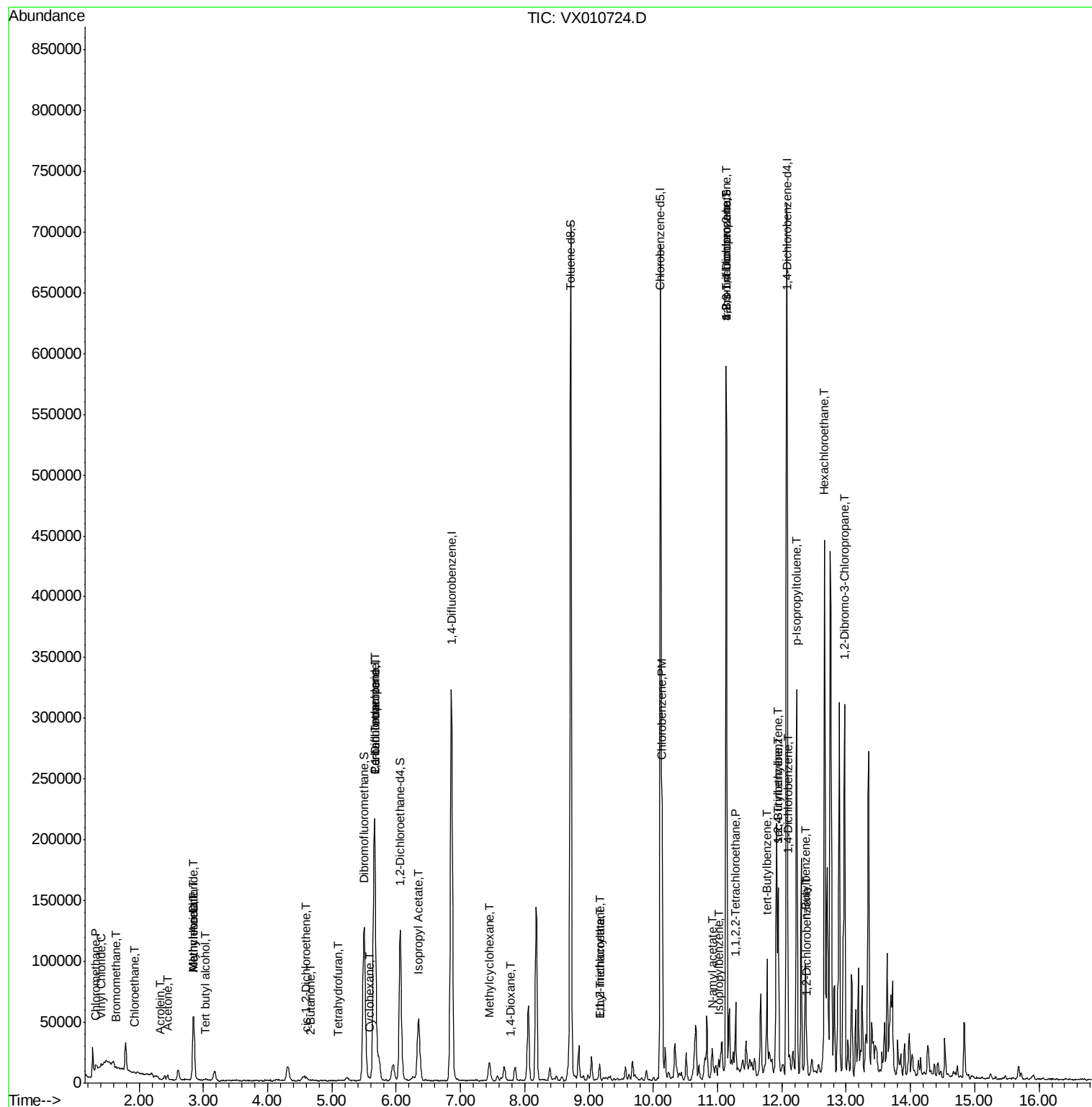
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.39	146	1798	0.348	ug/l #	79
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1251	1.643	ug/l #	1

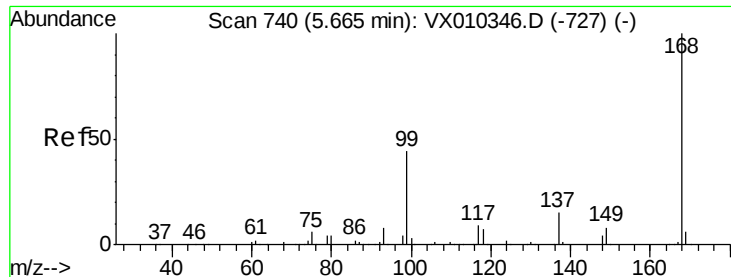
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

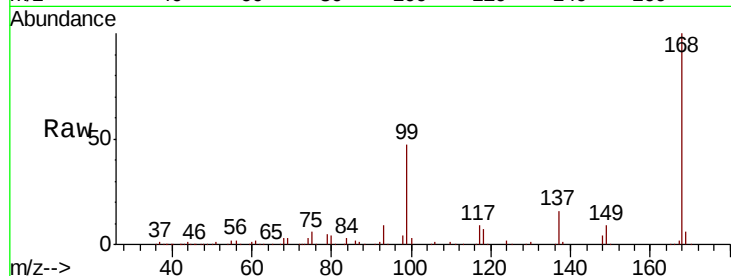
SS038RW016-190703

Tot Ion:168 Resp: 224831

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

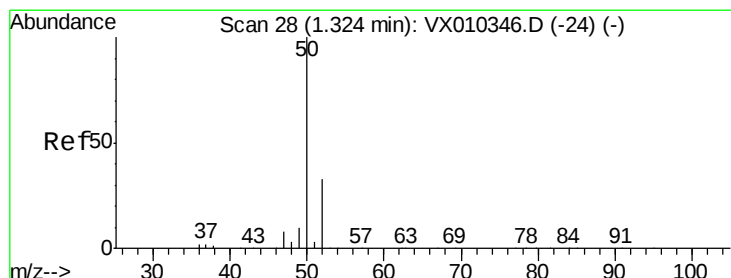
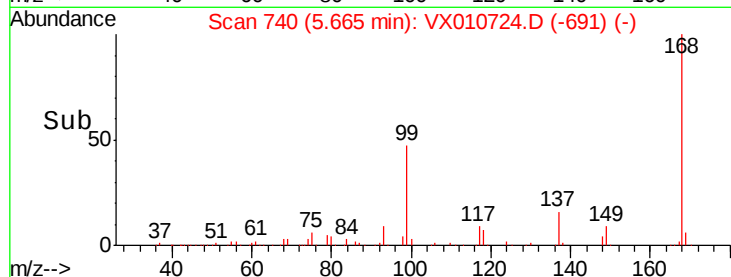
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.421 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010724.D

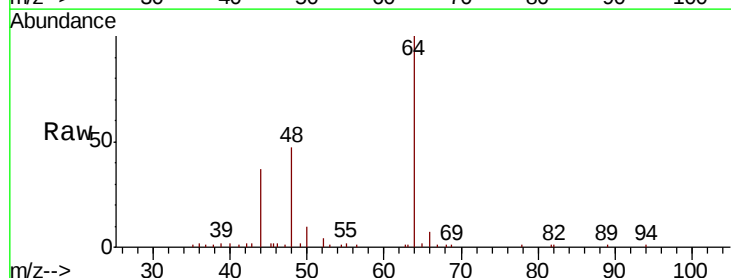
Acq: 09 Jul 2019 03:06

Tgt Ion: 50 Resp: 767

Ion Ratio Lower Upper

50 100

52 35.6 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

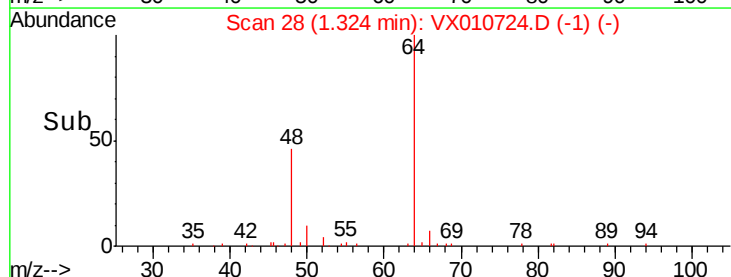
400

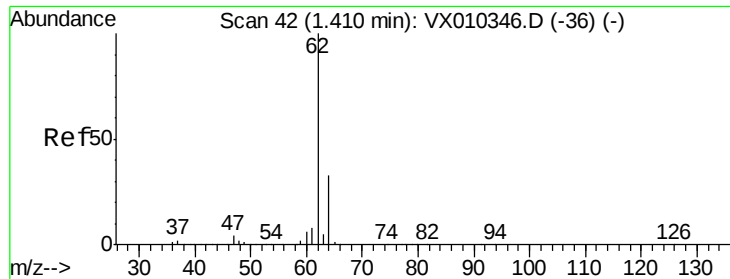
200

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 0.638 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

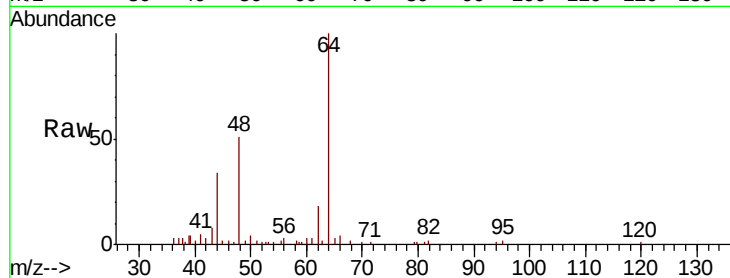
SS038RW016-190703

Tot Ion: 62 Resp: 1271

Ion Ratio Lower Upper

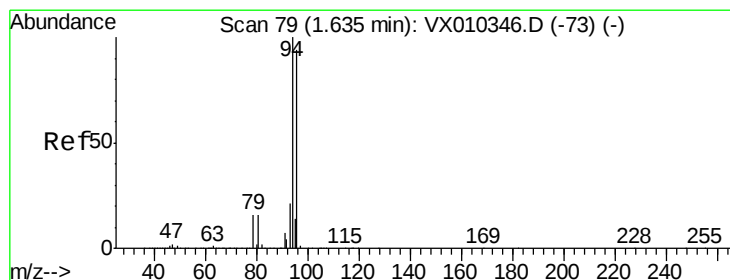
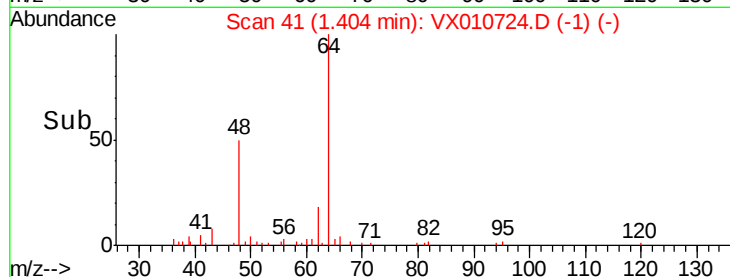
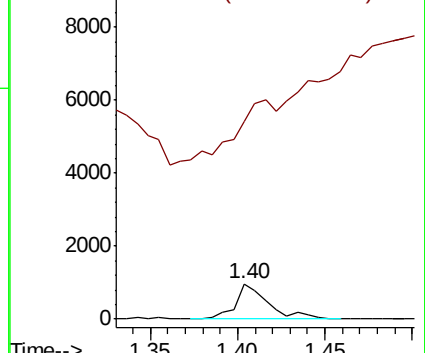
62 100

64 105.2 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.541 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010724.D

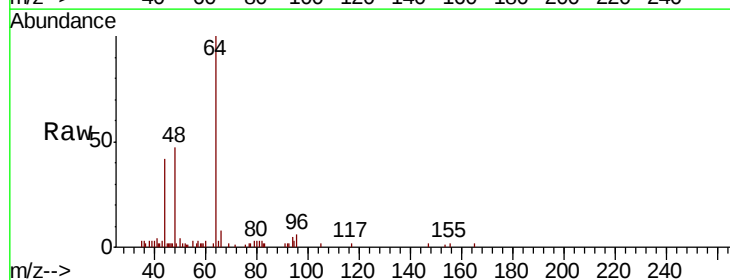
Acq: 09 Jul 2019 03:06

Tgt Ion: 94 Resp: 525

Ion Ratio Lower Upper

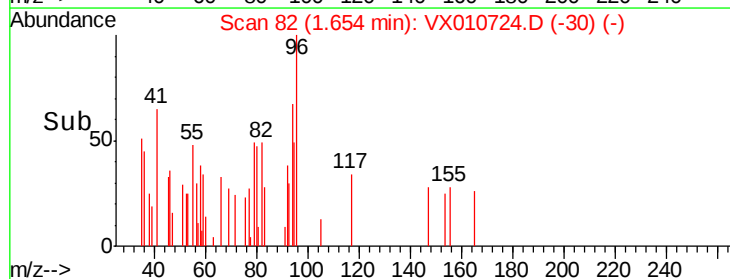
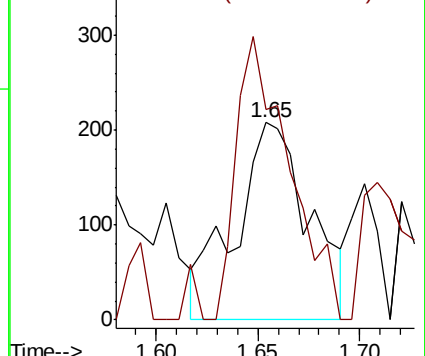
94 100

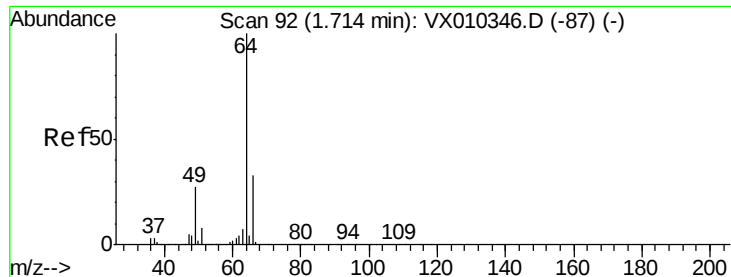
96 143.2 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.213 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.21 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

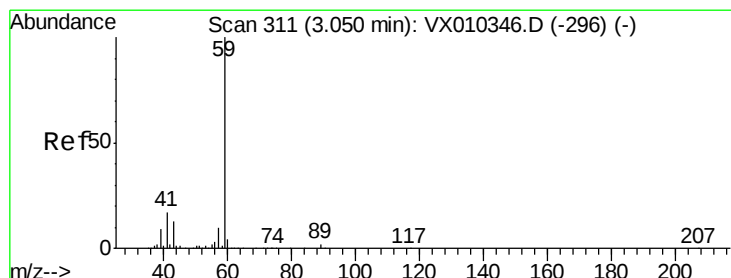
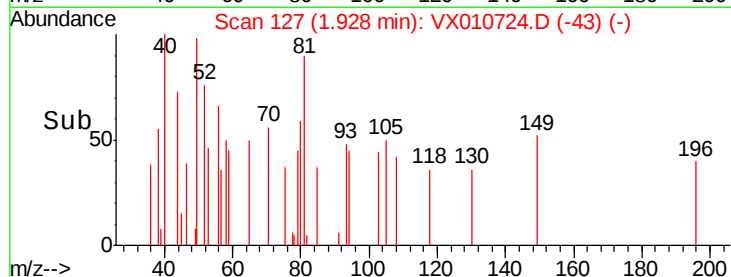
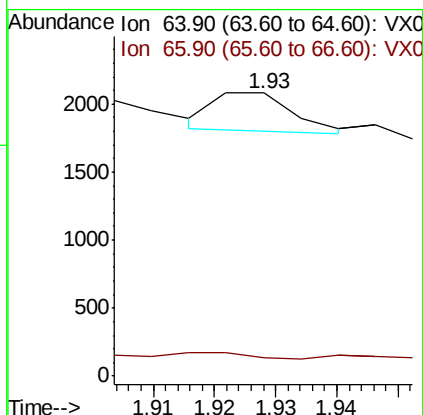
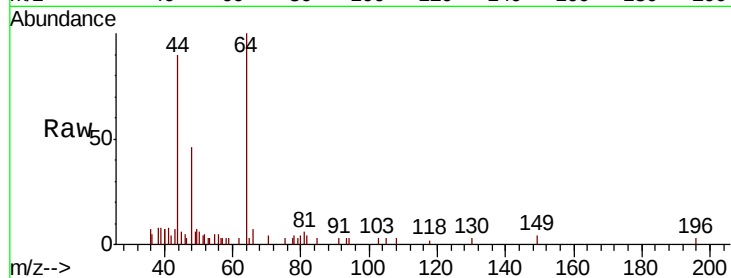
SS038RW016-190703

Tot Ion: 64 Resp: 251

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



#11

Tert butyl alcohol

Concen: 3.464 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010724.D

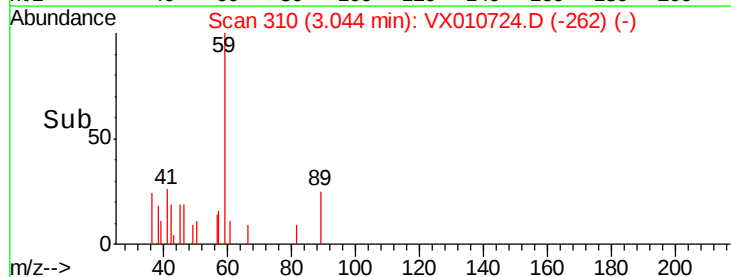
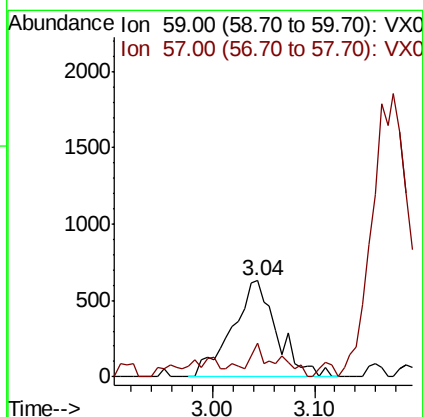
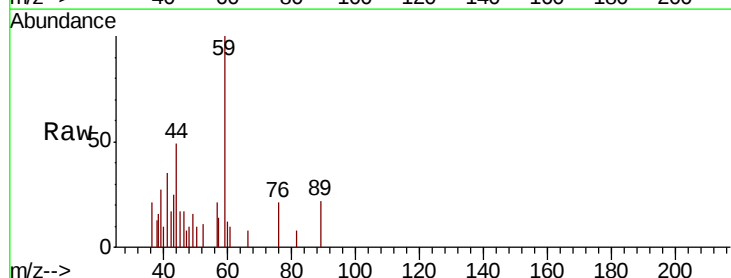
Acq: 09 Jul 2019 03:06

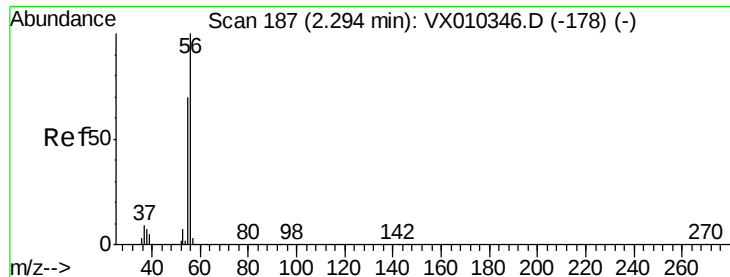
Tgt Ion: 59 Resp: 1911

Ion Ratio Lower Upper

59 100

57 7.5 7.7 11.5#





#13

Acrolein

Concen: 0.582 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

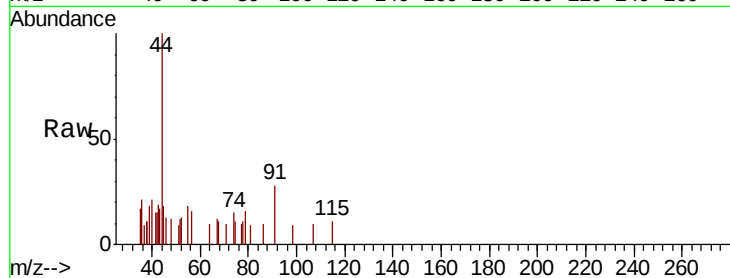
SS038RW016-190703

Tot Ion: 56 Resp: 213

Ion Ratio Lower Upper

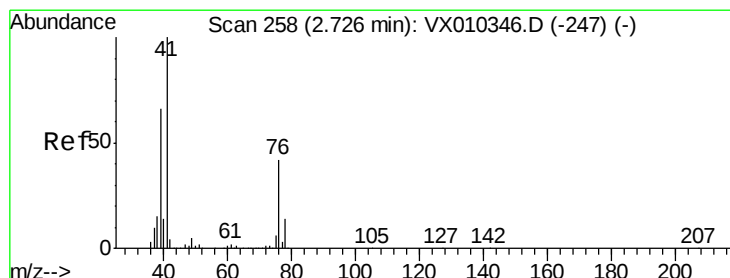
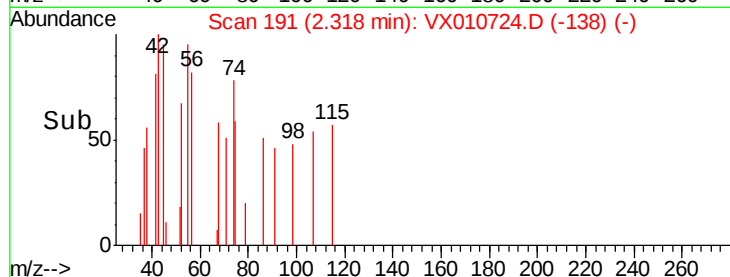
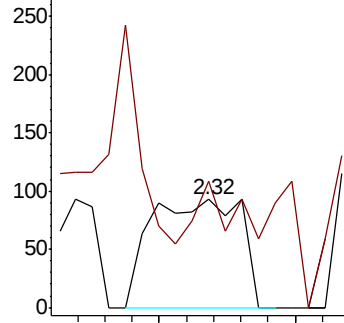
56 100

55 40.4 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.453 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.12 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

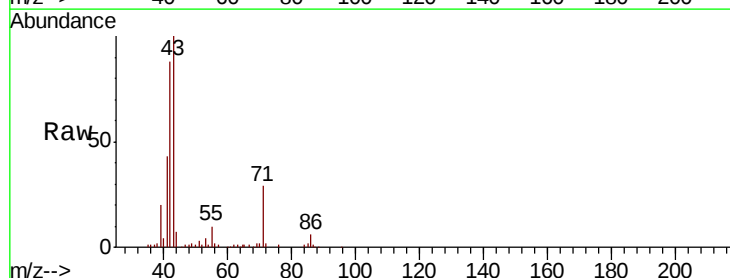
Tgt Ion: 41 Resp: 15088

Ion Ratio Lower Upper

41 100

39 47.5 50.3 75.5#

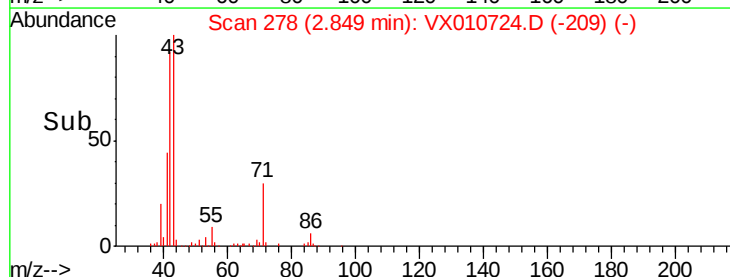
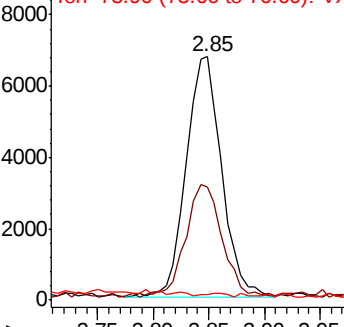
76 0.6 31.3 46.9#

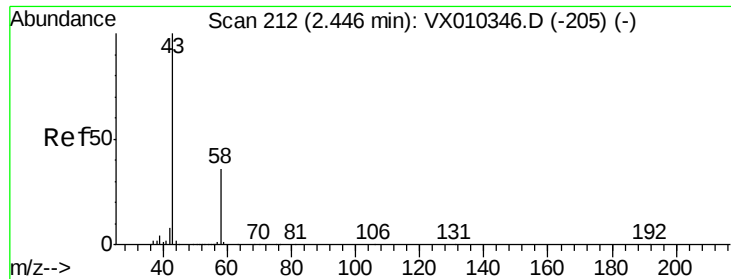


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 3.716 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

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ClientSampleId :

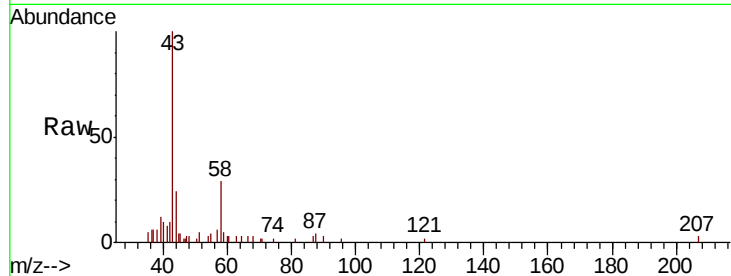
SS038RW016-190703

Tot Ion: 43 Resp: 3926

Ion Ratio Lower Upper

43 100

58 27.4 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

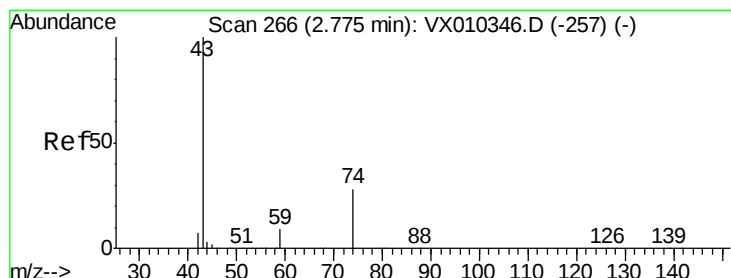
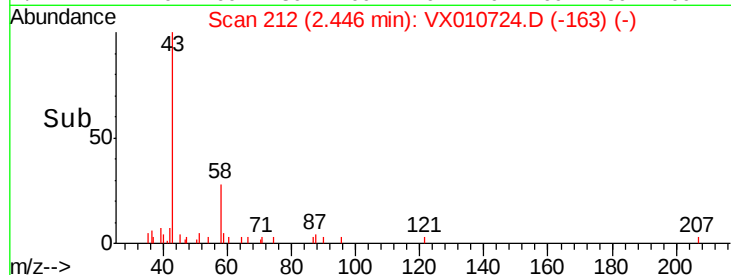
1000

500

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 16.925 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.07 min

Lab File: VX010724.D

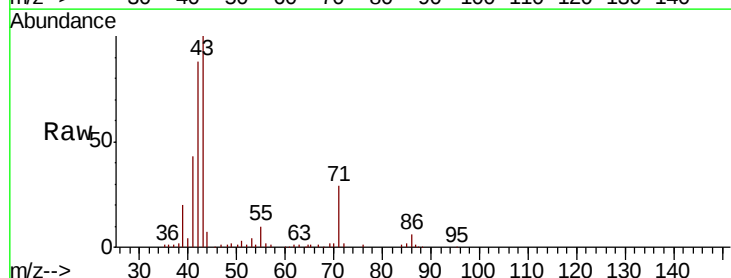
Acq: 09 Jul 2019 03:06

Tgt Ion: 43 Resp: 35638

Ion Ratio Lower Upper

43 100

74 0.1 21.3 31.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

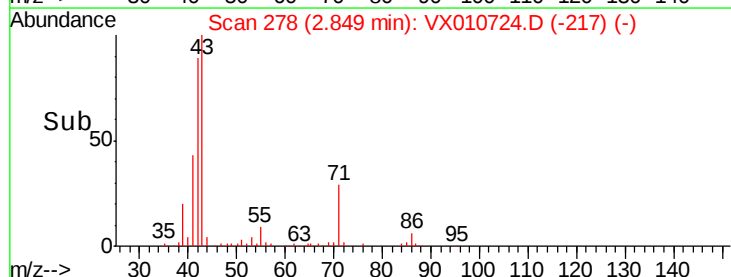
10000

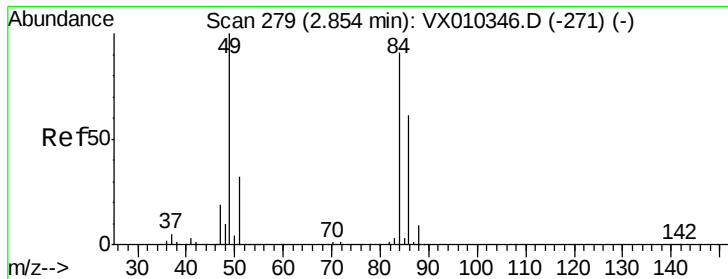
5000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#20

Methvlene Chloride

Concen: 0.251 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

Tot Ion: 84 Resp: 545

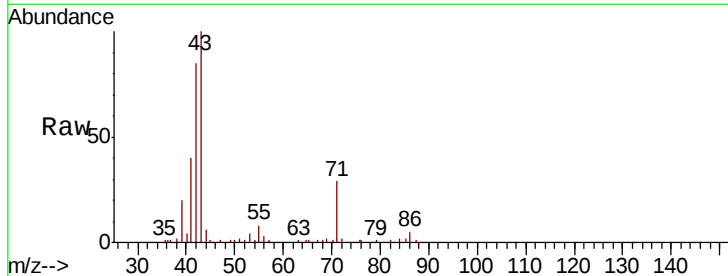
Ion Ratio Lower Upper

84 100

49 71.7 87.5 131.3#

51 101.7 27.7 41.5#

86 263.9 53.4 80.0#

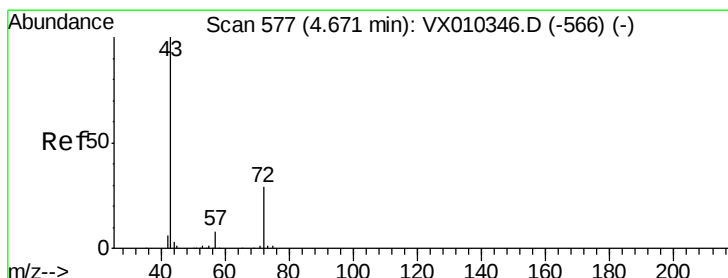
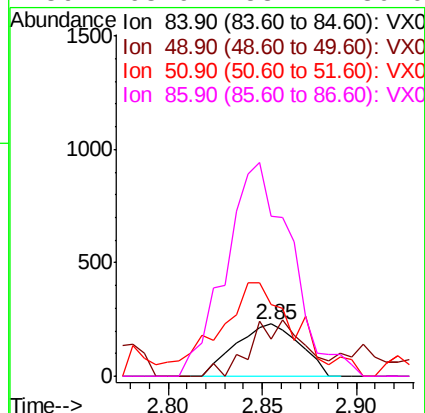
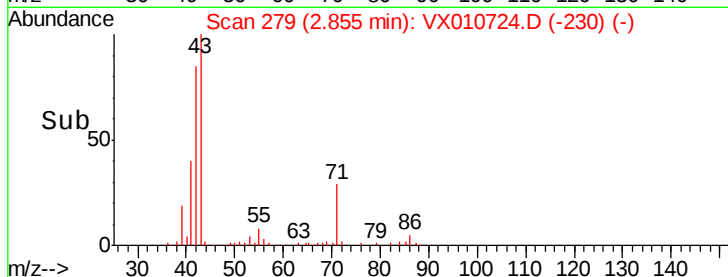


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.202 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010724.D

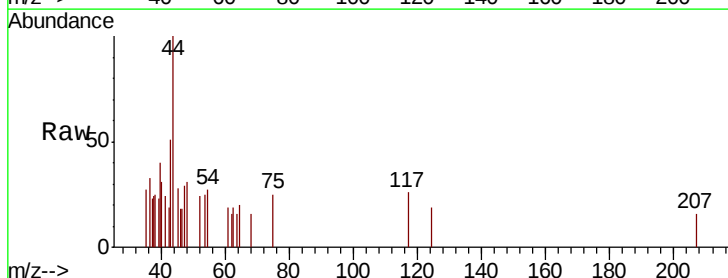
Acq: 09 Jul 2019 03:06

Tgt Ion: 43 Resp: 313

Ion Ratio Lower Upper

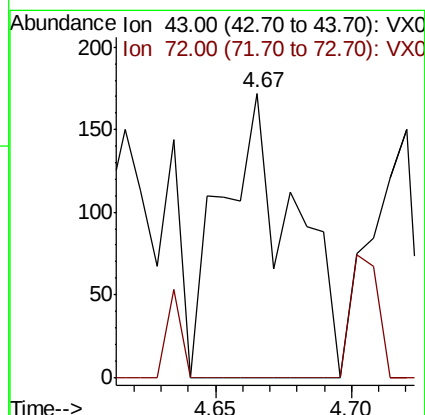
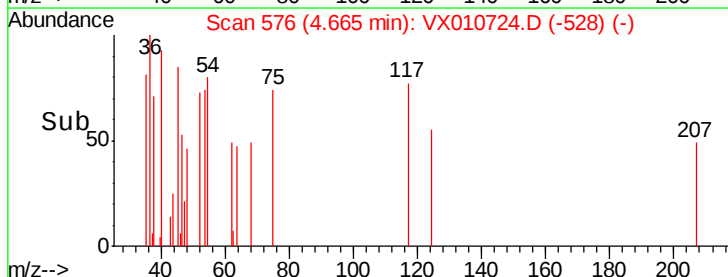
43 100

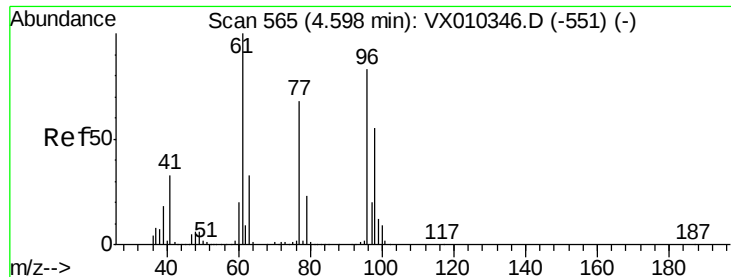
72 0.0 23.3 34.9#



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: 0.479 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

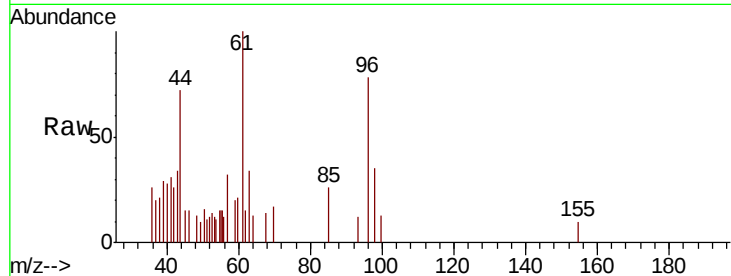
Tot Ion: 96 Resp: 1161

Ion Ratio Lower Upper

96 100

61 143.4 0.0 251.8

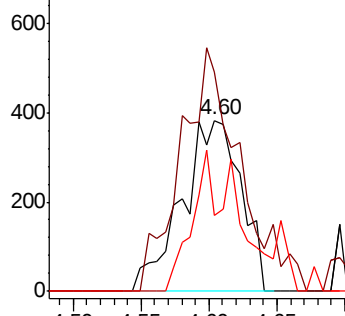
98 36.9 0.0 129.4



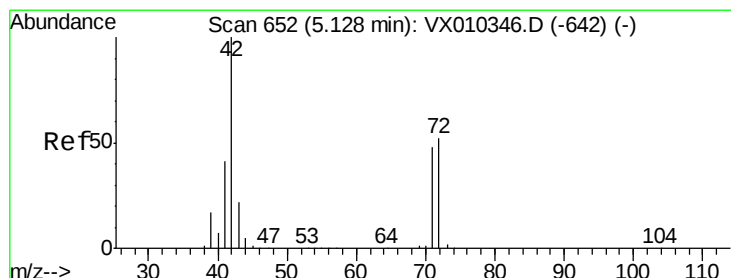
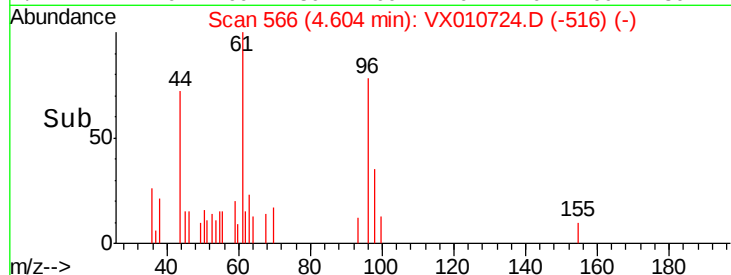
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.305 ug/l

RT: 5.10 min Scan# 647

Delta R.T. -0.03 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

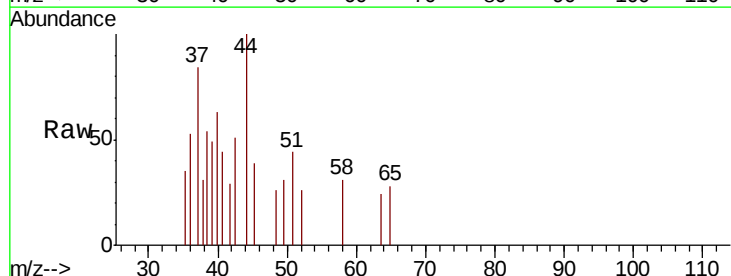
Tgt Ion: 42 Resp: 293

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

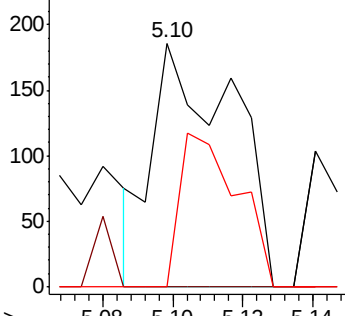
71 45.7 37.8 56.8



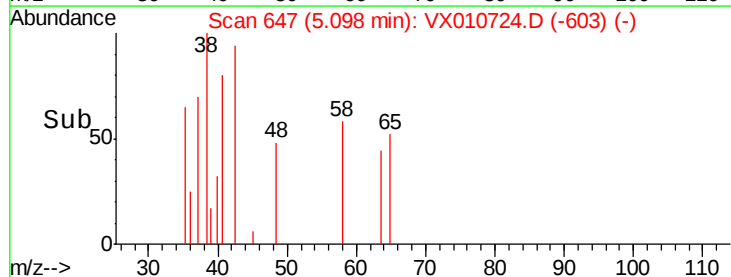
Abundance Ion 42.00 (41.70 to 42.70): VX0

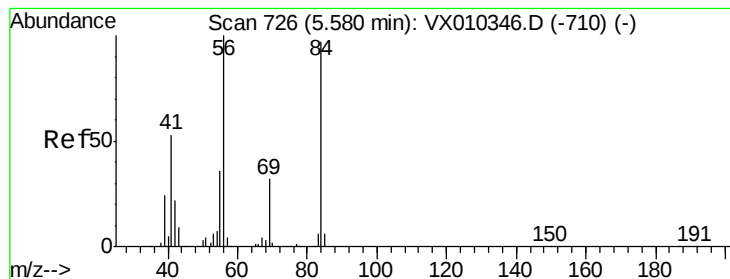
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->





#31

Cyclohexane

Concen: 0.346 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

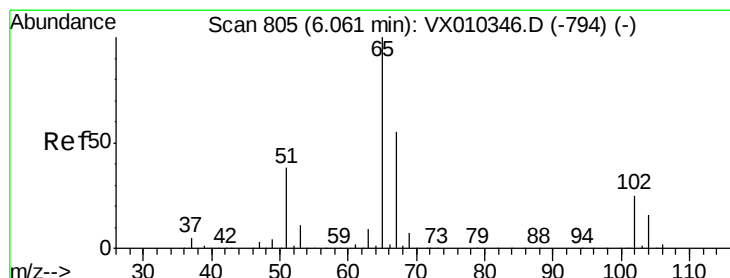
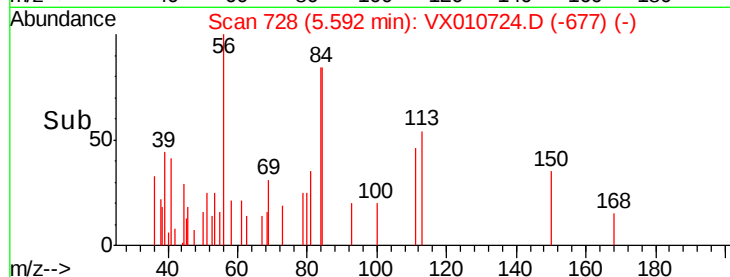
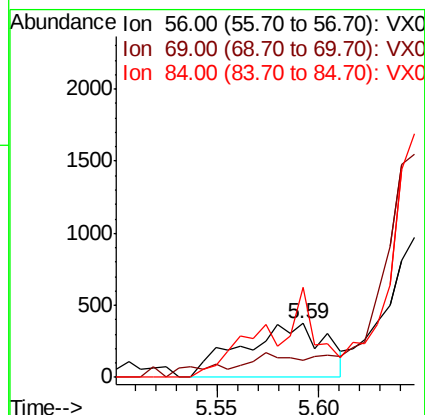
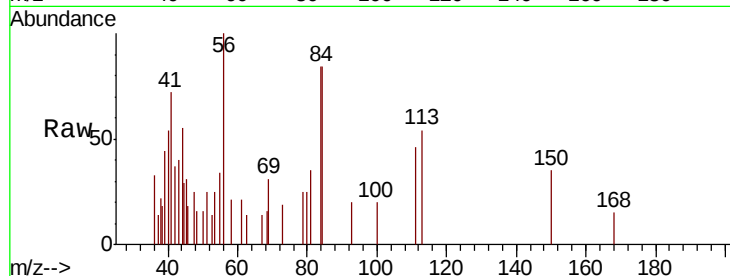
Tot Ion: 56 Resp: 1055

Ion Ratio Lower Upper

56 100

69 11.5 25.9 38.9#

84 168.6 78.0 117.0#



#33

1,2-Dichloroethane-d4

Concen: 53.323 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010724.D

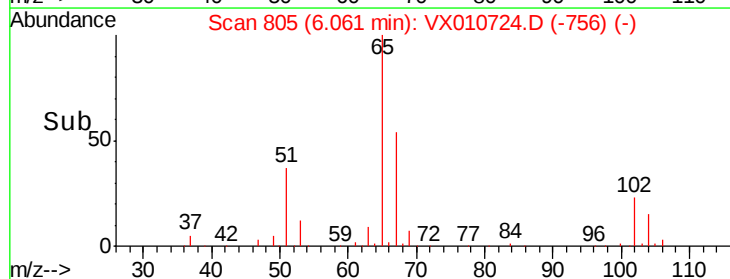
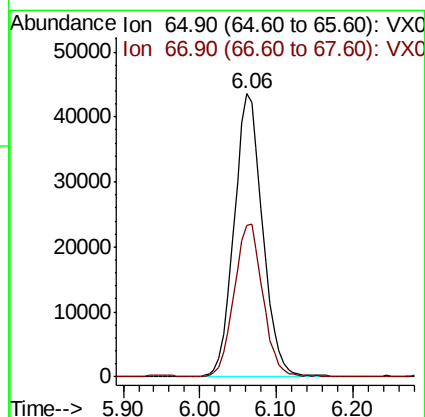
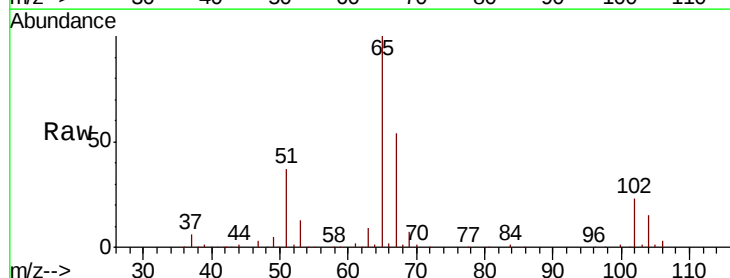
Acq: 09 Jul 2019 03:06

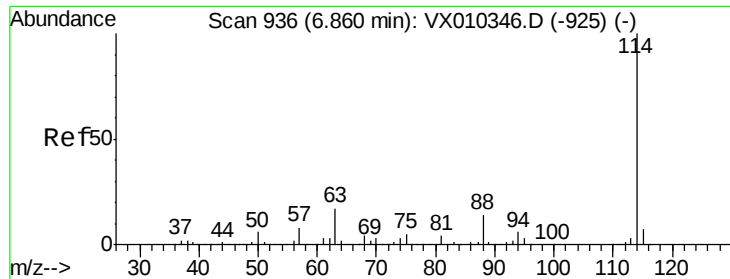
Tgt Ion: 65 Resp: 112405

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

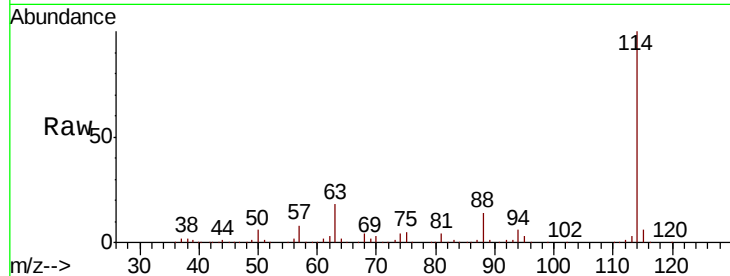
Tot Ion:114 Resp: 349636

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

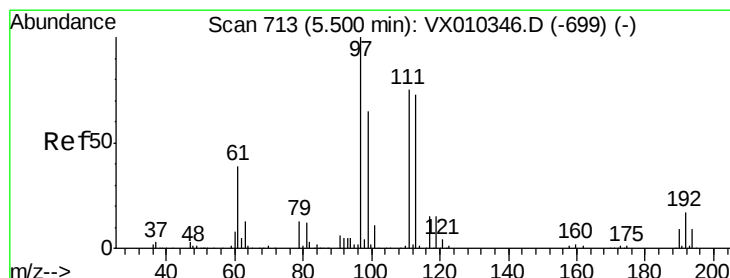
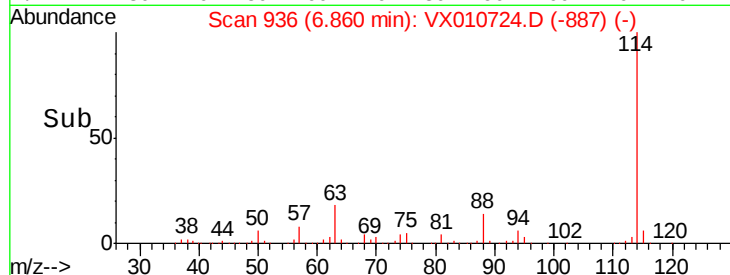
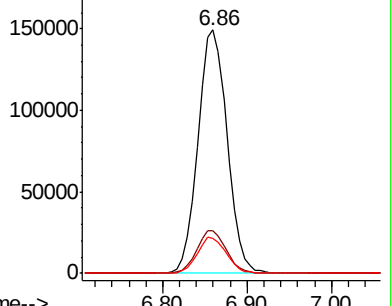
88 14.4 0.0 27.6



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: 50.158 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

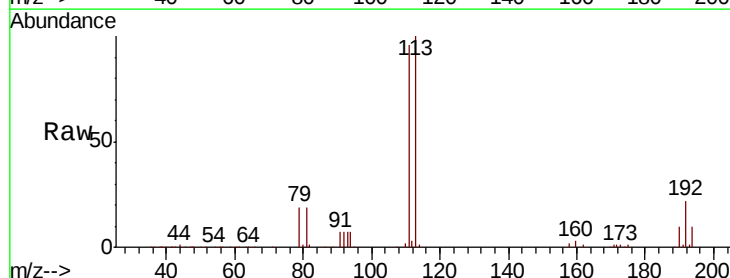
Tgt Ion:113 Resp: 107299

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

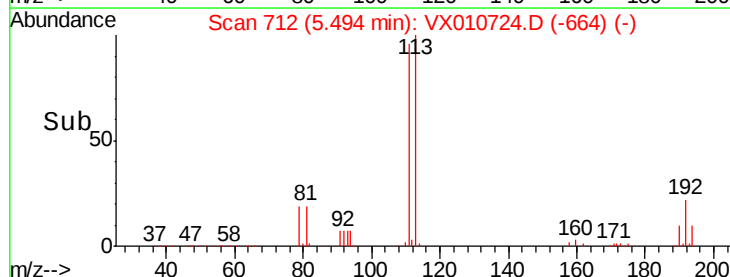
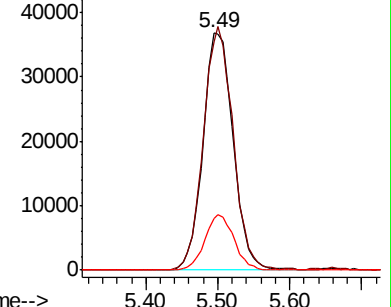
192 22.5 18.6 27.8

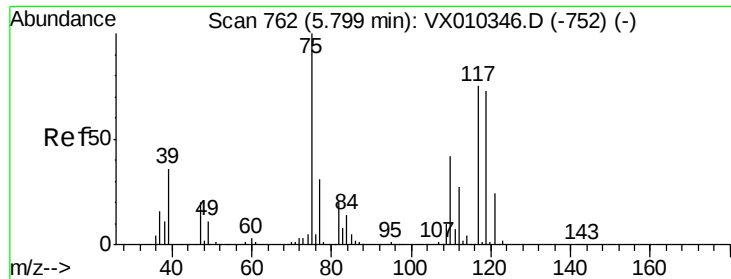


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.123 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

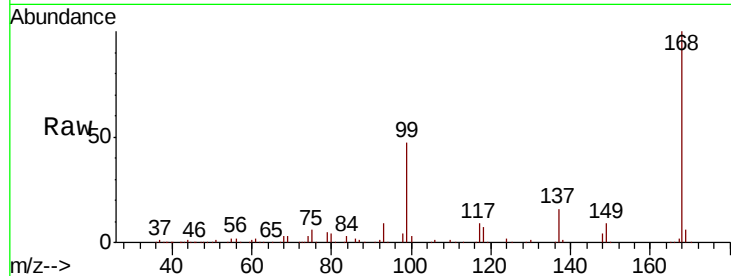
Tot Ion: 75 Resp: 14234

Ion Ratio Lower Upper

75 100

110 11.2 20.8 62.2#

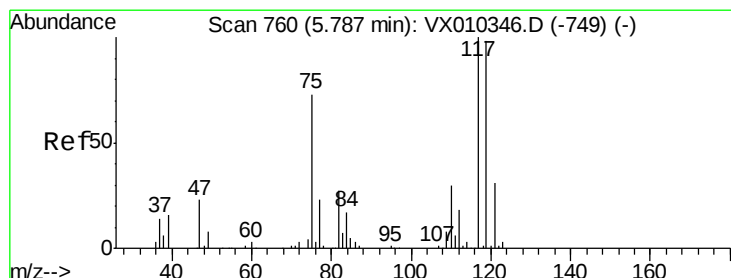
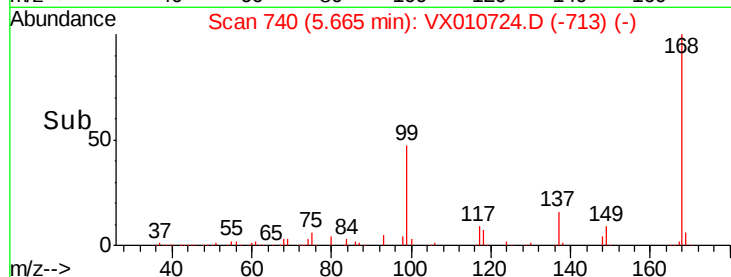
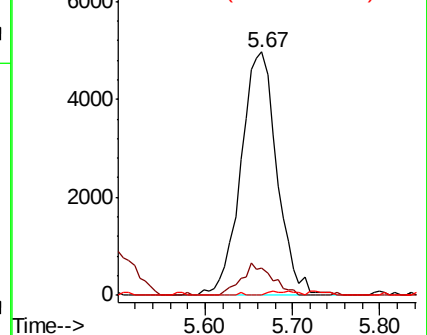
77 0.0 25.4 38.0#



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: 6.692 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

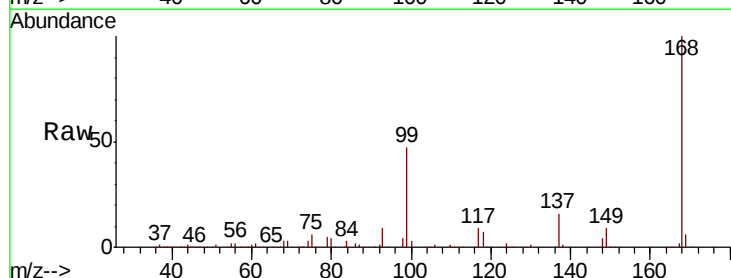
Tgt Ion: 117 Resp: 20135

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.4#

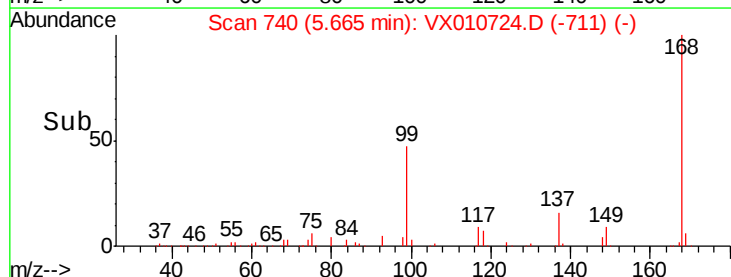
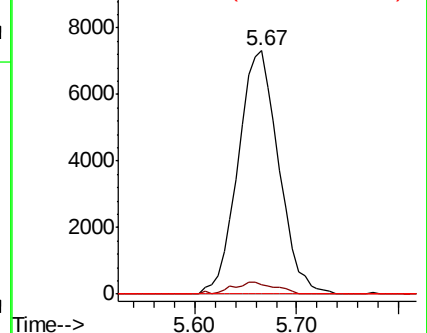
121 0.0 24.7 37.1#

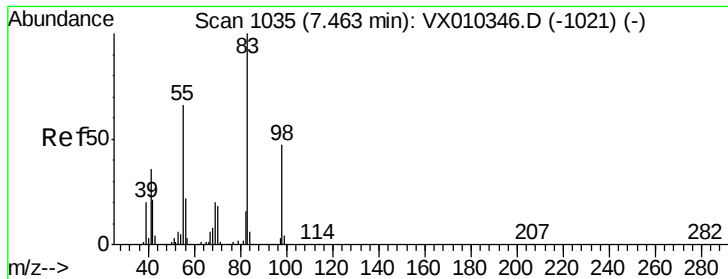


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 1.281 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.02 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

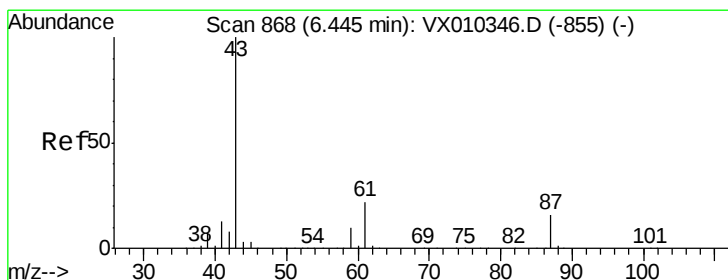
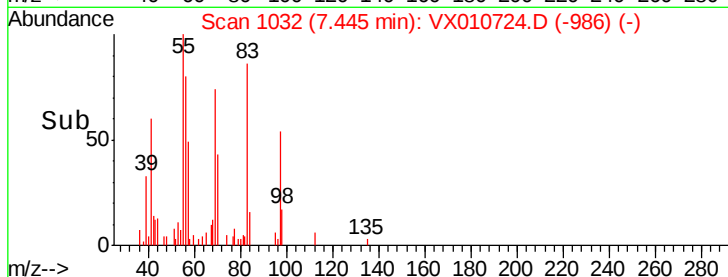
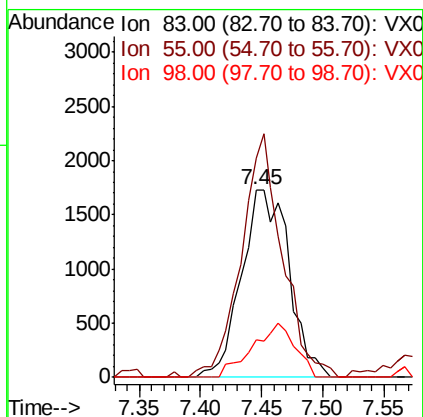
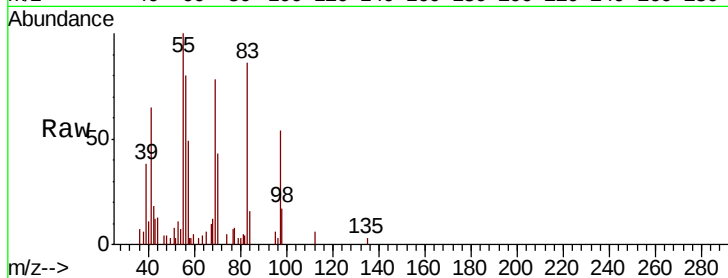
Tot Ion: 83 Resp: 4680

Ion Ratio Lower Upper

83 100

55 116.4 53.0 79.6#

98 20.1 37.8 56.8#



#43

Isopropyl Acetate

Concen: 2.671 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

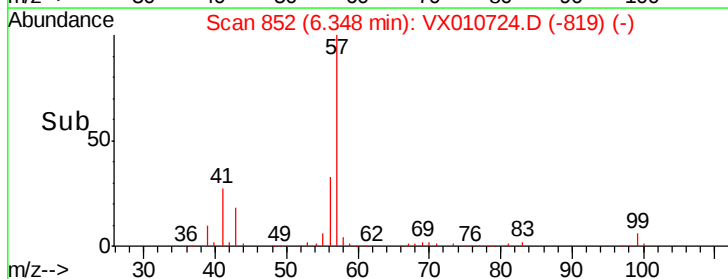
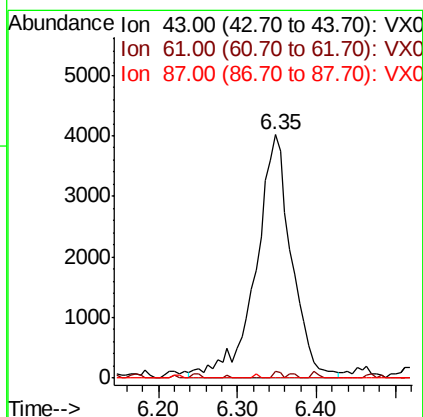
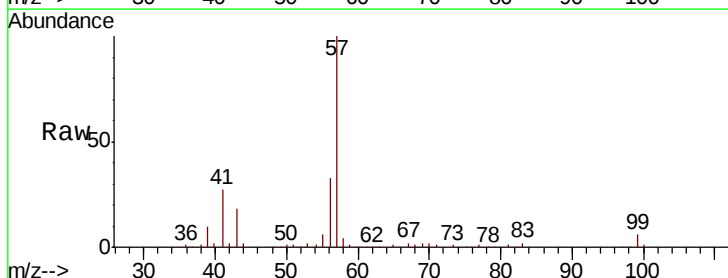
Tgt Ion: 43 Resp: 12633

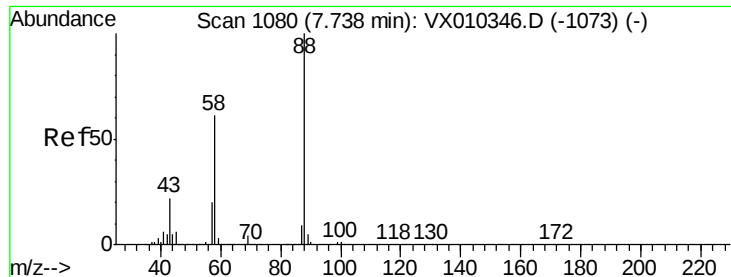
Ion Ratio Lower Upper

43 100

61 0.6 17.8 26.6#

87 0.0 13.0 19.4#

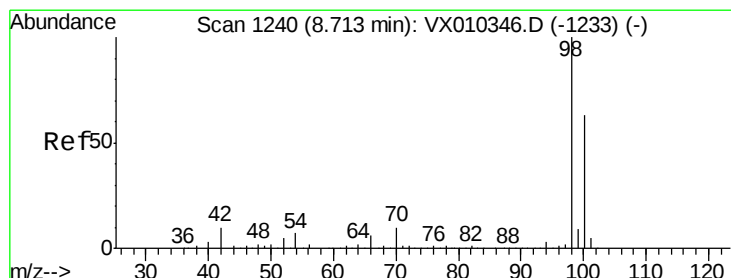
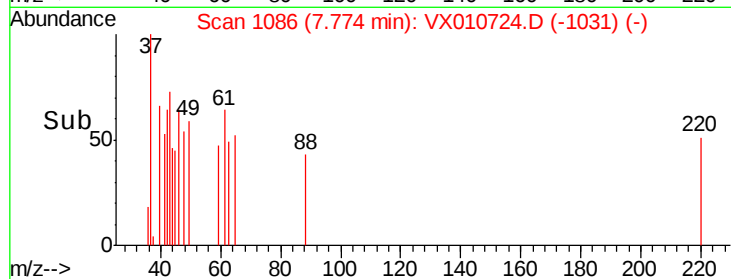
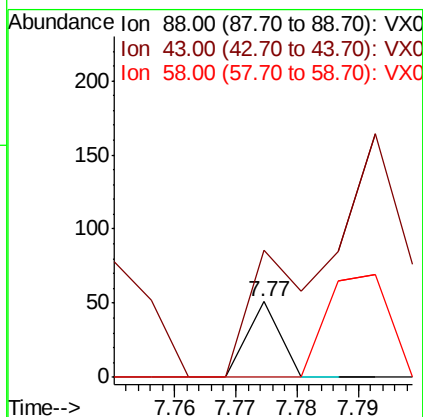
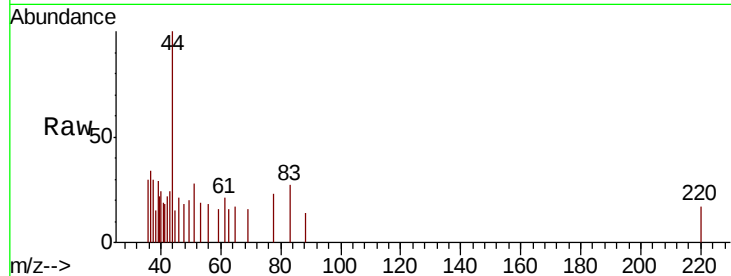




#49
 1,4-Dioxane
 Concen: 0.300 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. 0.04 min
 Lab File: VX010724.D
 Acq: 09 Jul 2019 03:06

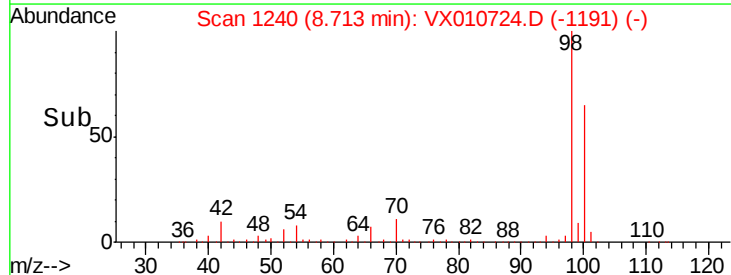
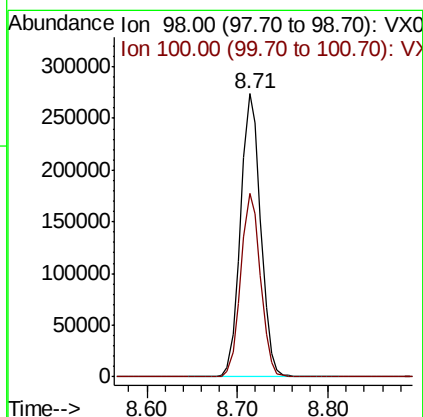
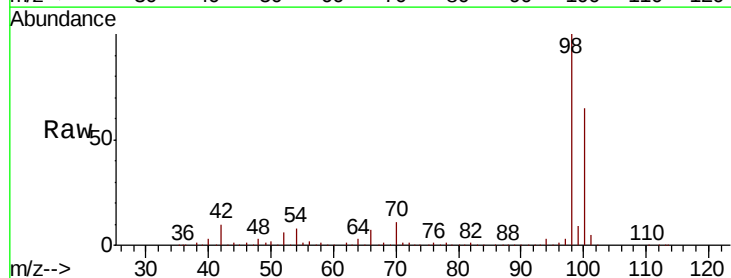
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW016-190703

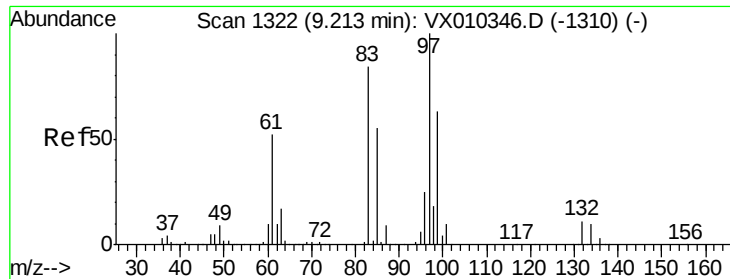
Tot Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 1000.0 20.2 30.2#
 58 257.9 49.5 74.3#



#50
 Toluene-d8
 Concen: 51.461 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010724.D
 Acq: 09 Jul 2019 03:06

Tgt Ion: 98 Resp: 421166
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.6 77.4

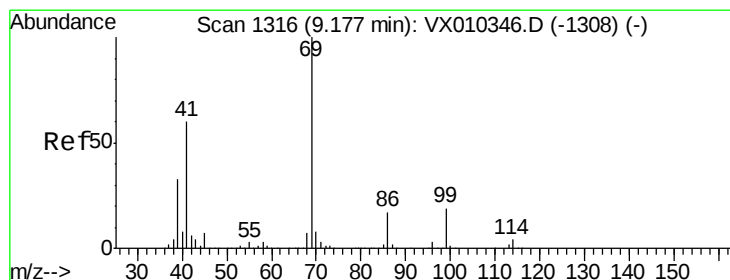
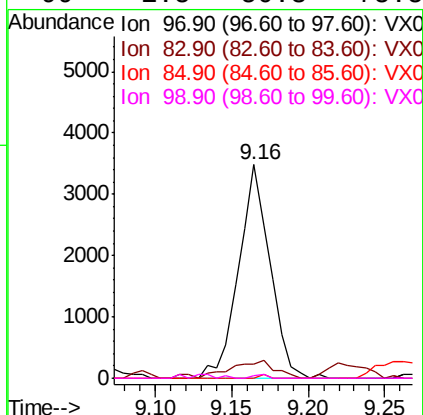
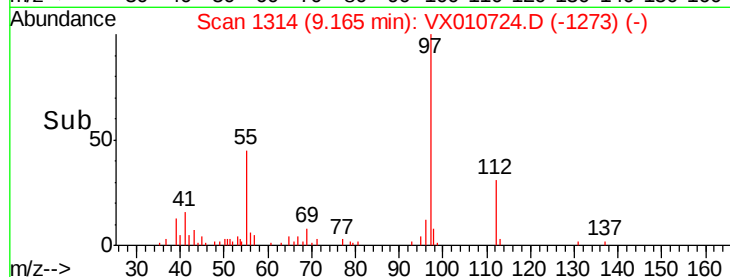
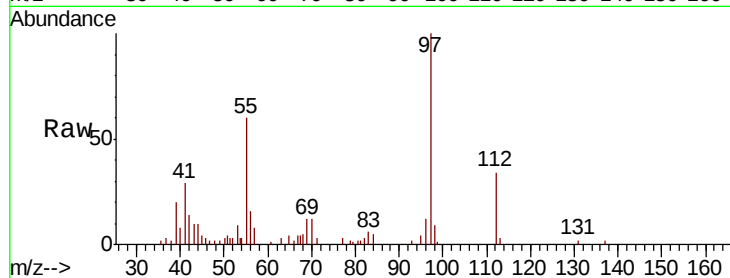




#55
1,1,2-Trichloroethane
Concen: 2.100 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

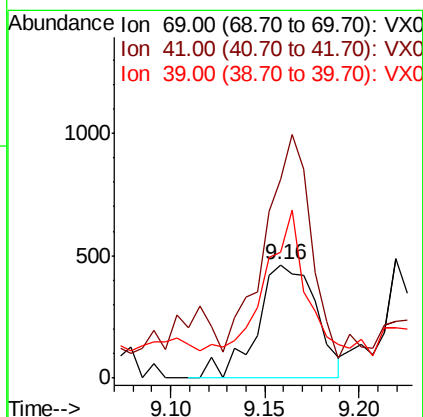
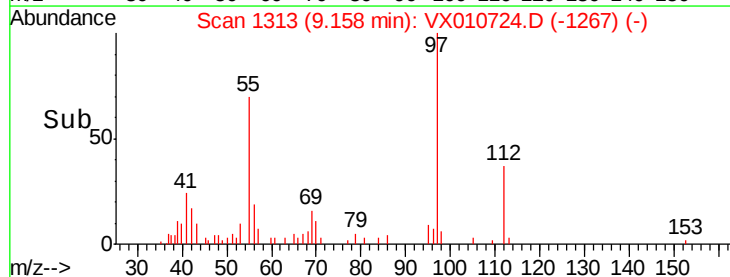
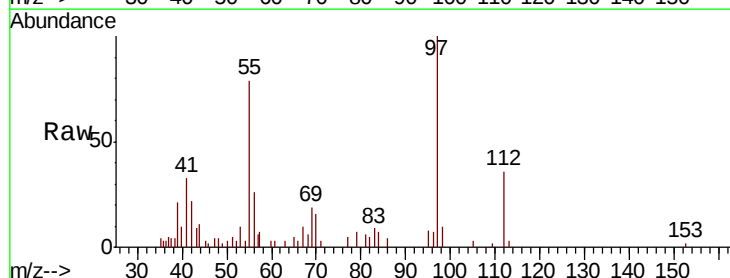
Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

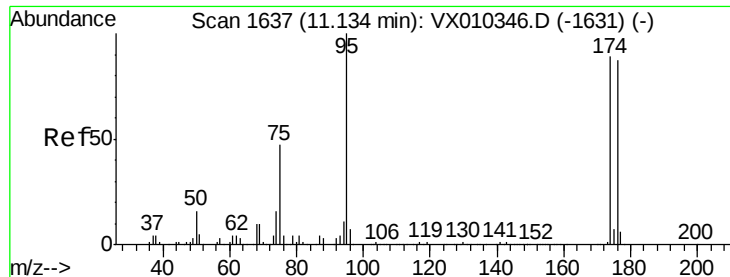
Tot Ion: 97 Resp: 4937
Ion Ratio Lower Upper
97 100
83 4.5 67.4 101.0#
85 0.0 43.8 65.8#
99 1.5 50.3 75.5#



#56
Ethyl methacrylate
Concen: 0.282 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion: 69 Resp: 1004
Ion Ratio Lower Upper
69 100
41 154.6 47.1 70.7#
39 80.0 26.6 40.0#





#62

4-Bromofluorobenzene

Concen: 49.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

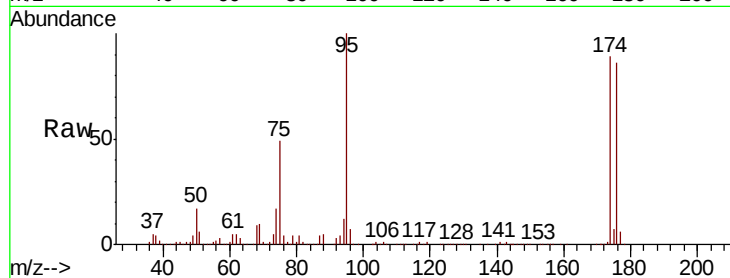
Tot Ion: 95 Resp: 145823

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.6

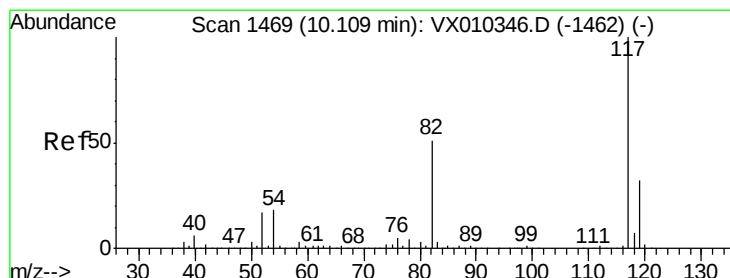
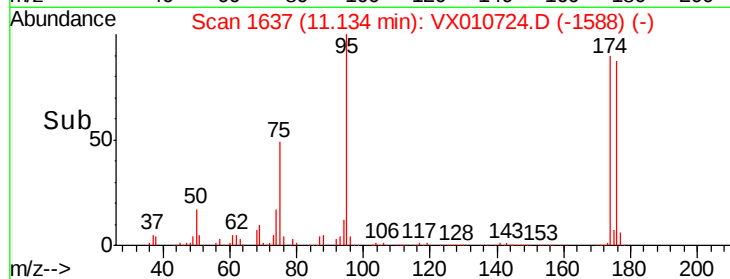
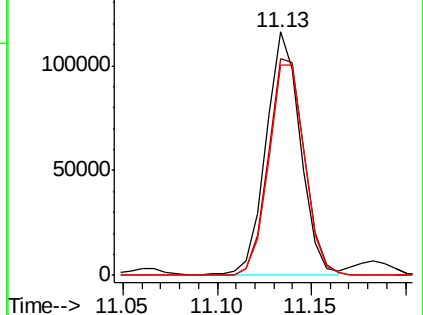
176 91.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010724.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

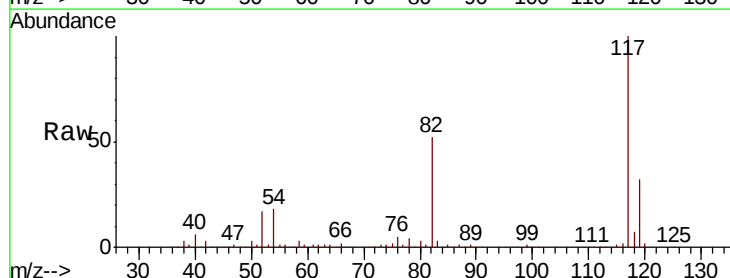
Tgt Ion: 117 Resp: 325164

Ion Ratio Lower Upper

117 100

82 51.9 41.2 61.8

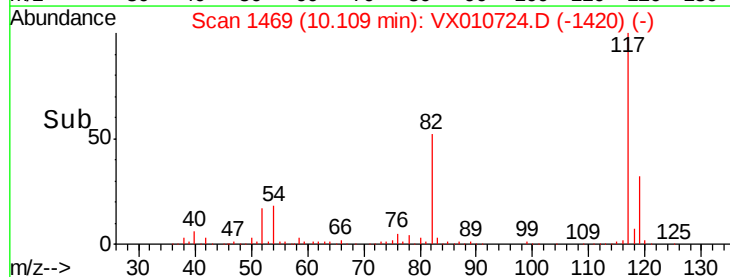
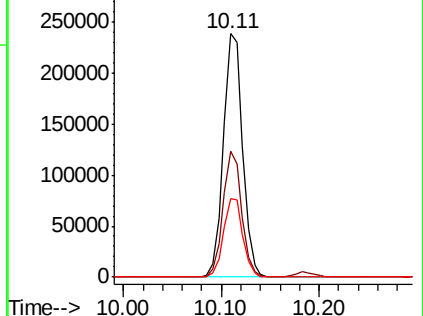
119 32.4 25.5 38.3

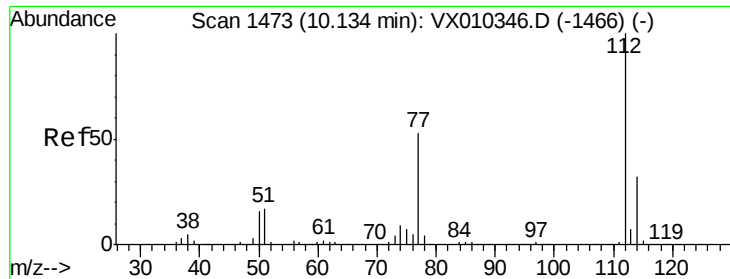


Abundance Ion 116.90 (116.60 to 117.60): VX010724.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010724.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010724.D (-1462) (-)

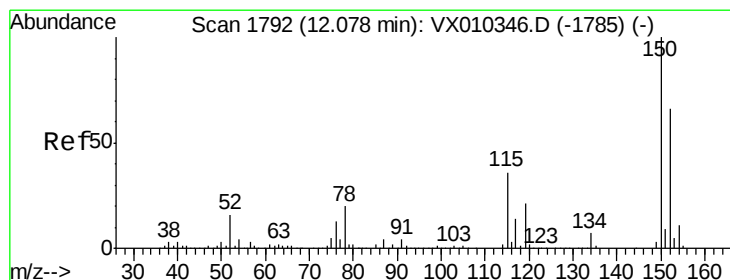
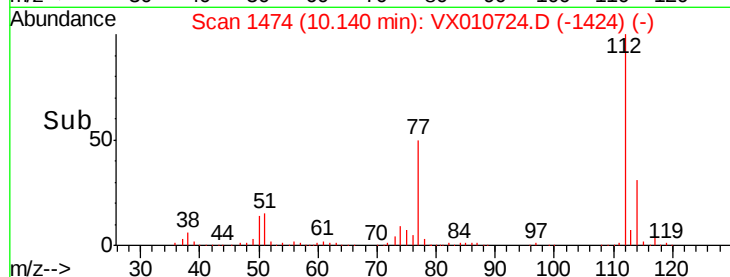
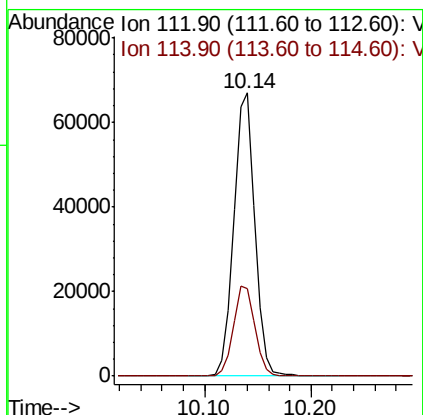
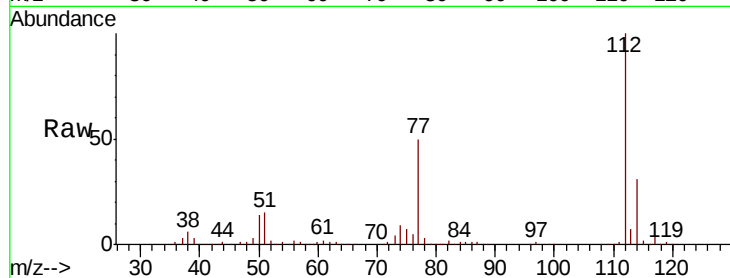




#65
Chlorobenzene
Concen: 14.103 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

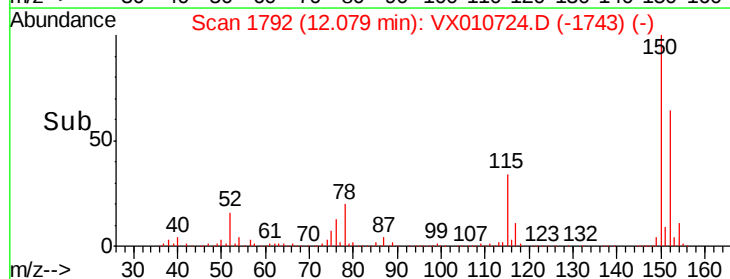
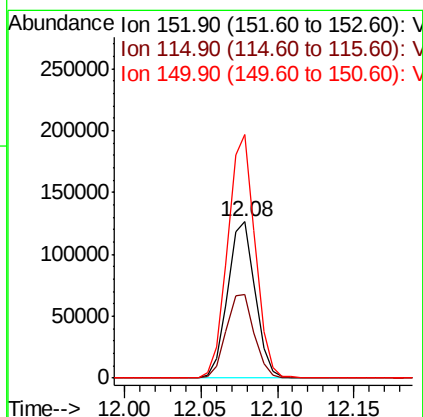
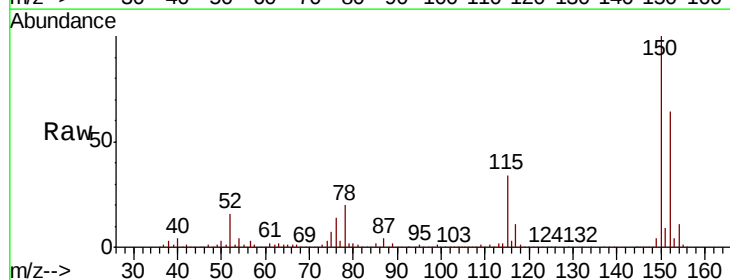
Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

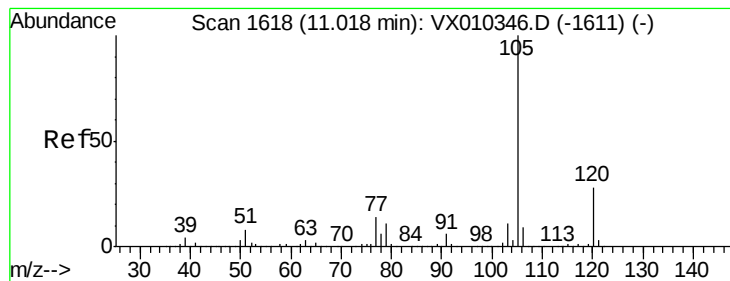
Tot Ion:112 Resp: 93099
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion:152 Resp: 157267
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 154.9 0.0 347.4





#73

Isopropylbenzene

Concen: 0.710 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

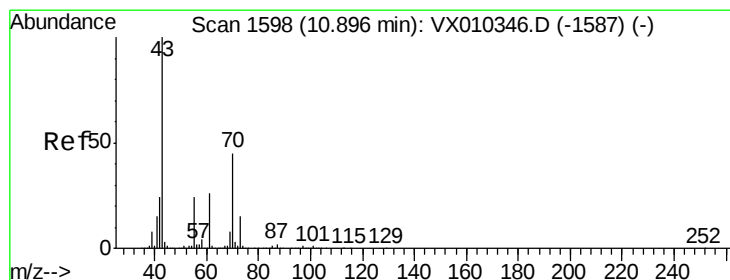
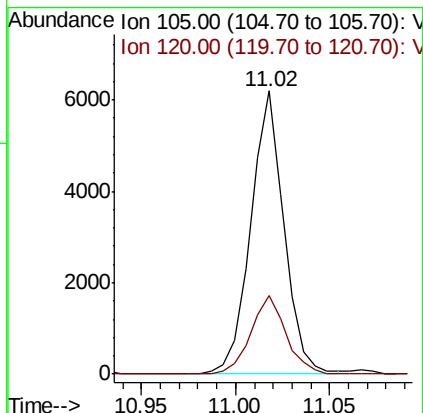
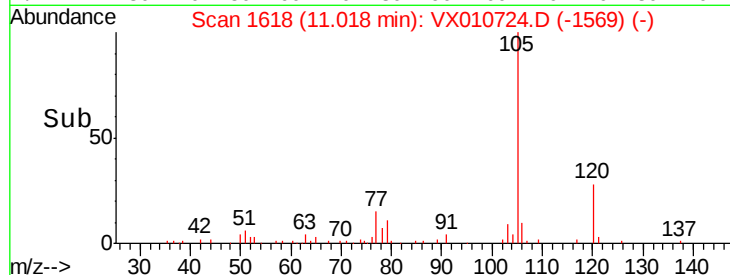
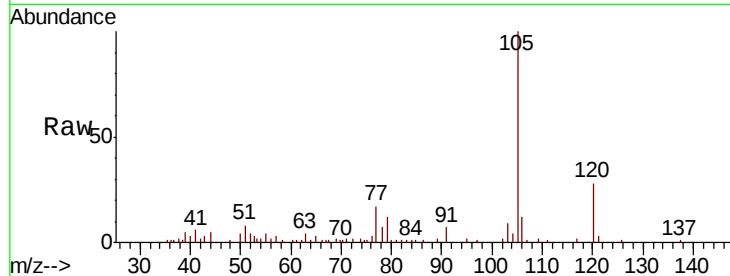
SS038RW016-190703

Tot Ion:105 Resp: 7564

Ion Ratio Lower Upper

105 100

120 29.2 14.1 42.4



#74

N-ethyl acetate

Concen: 0.423 ug/l

RT: 10.93 min Scan# 1603

Delta R.T. 0.03 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Tgt Ion: 43 Resp: 1704

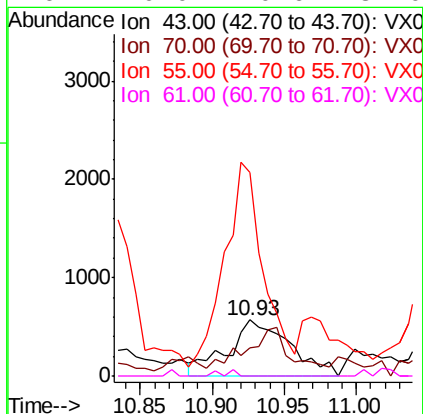
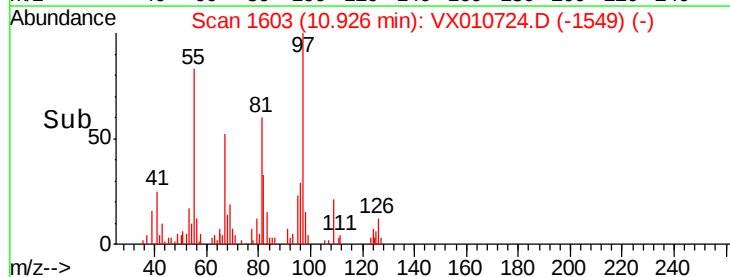
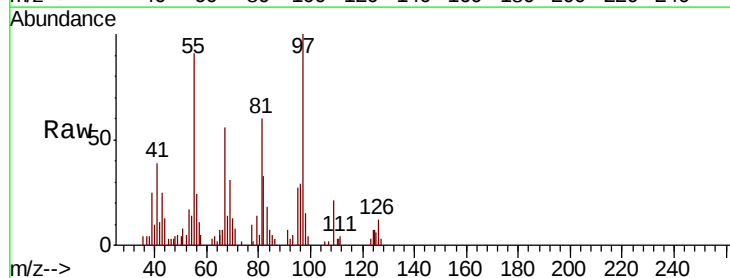
Ion Ratio Lower Upper

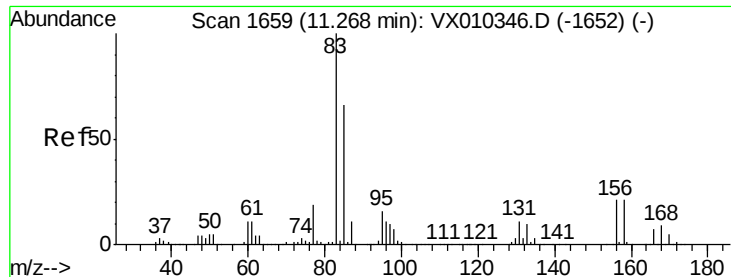
43 100

70 0.0 36.6 54.8#

55 225.2 18.7 28.1#

61 0.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.394 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

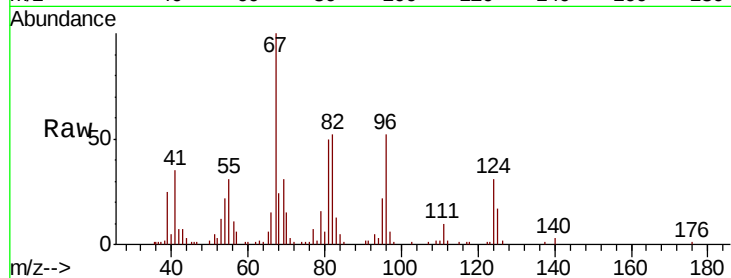
Tot Ion: 83 Resp: 1391

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

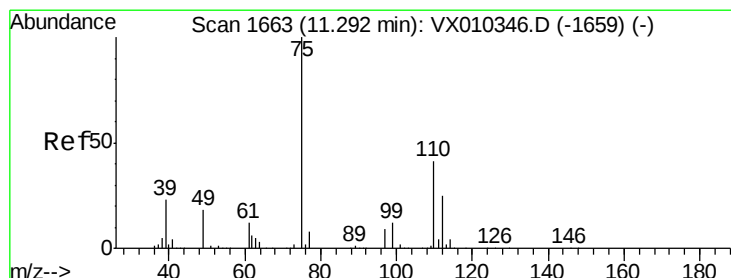
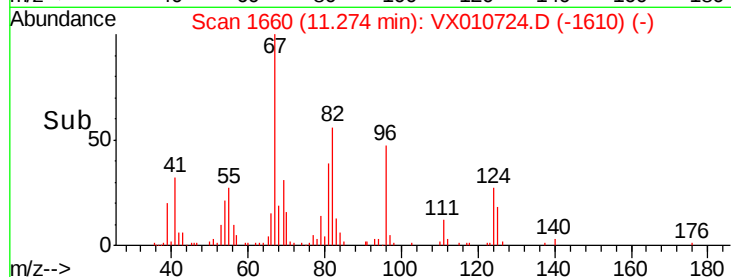
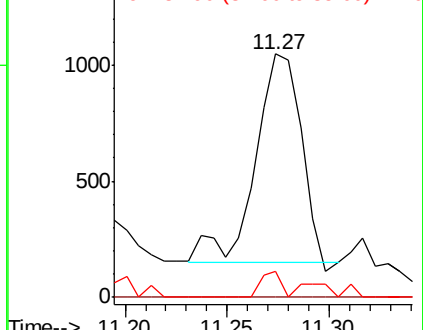
85 0.0 32.3 96.8#



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: 24.628 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010724.D

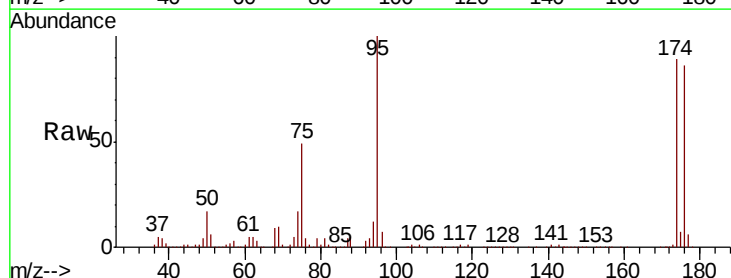
Acq: 09 Jul 2019 03:06

Tgt Ion: 75 Resp: 70579

Ion Ratio Lower Upper

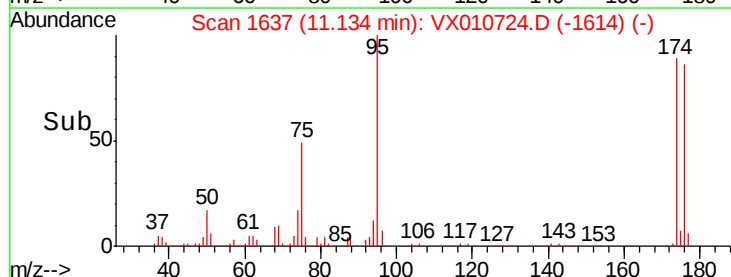
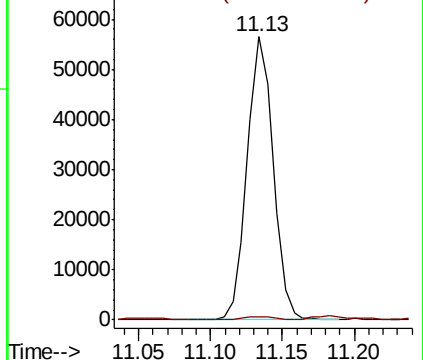
75 100

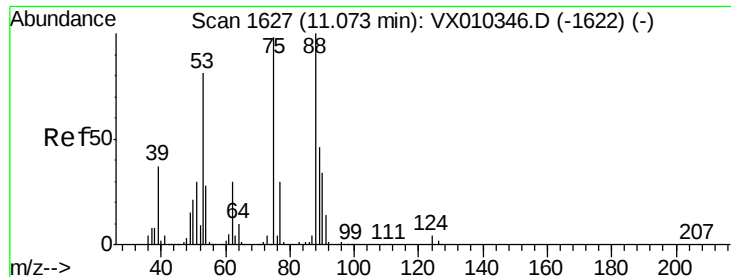
77 1.1 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

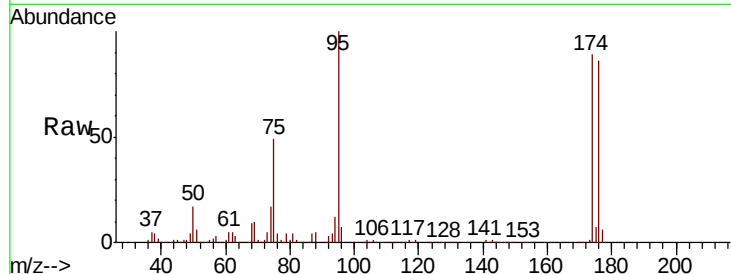




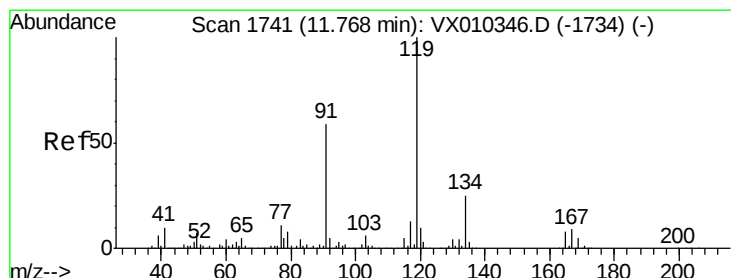
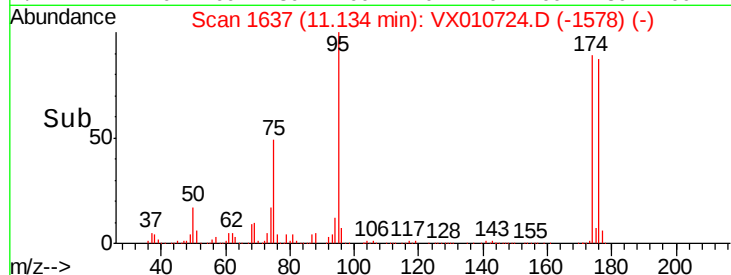
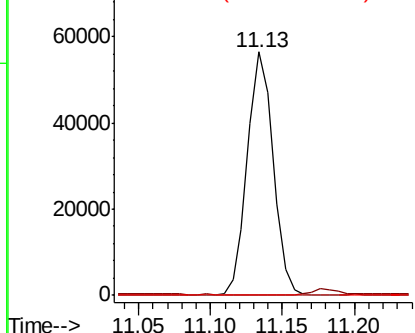
#81
trans-1,4-Dichloro-2-butene
Concen: 57.454 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

Tot Ion: 75 Resp: 70579
Ion Ratio Lower Upper
75 100
53 0.0 66.1 99.1#
89 0.0 37.8 56.6#

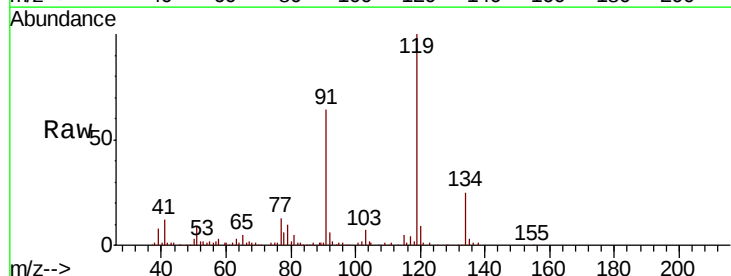


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

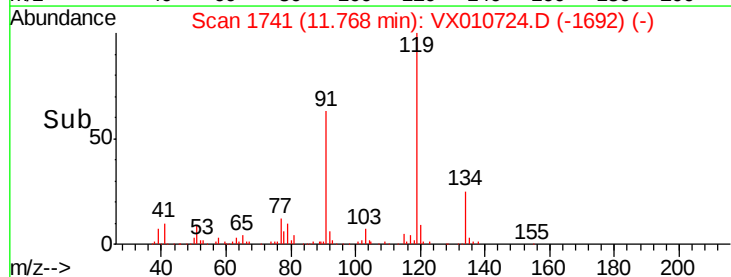
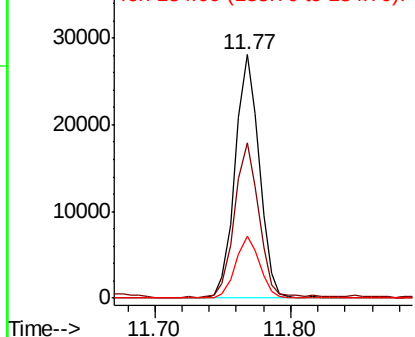


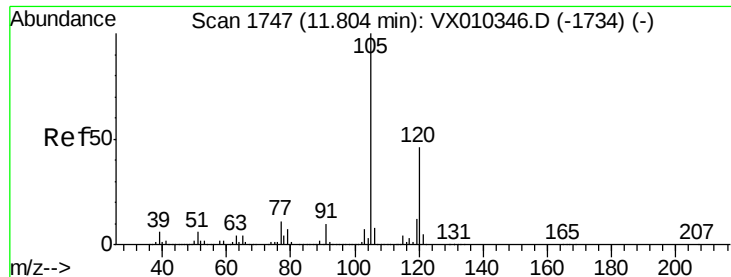
#83
tert-Butylbenzene
Concen: 3.940 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion: 119 Resp: 34754
Ion Ratio Lower Upper
119 100
91 64.8 27.6 82.7
134 25.1 11.8 35.4



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

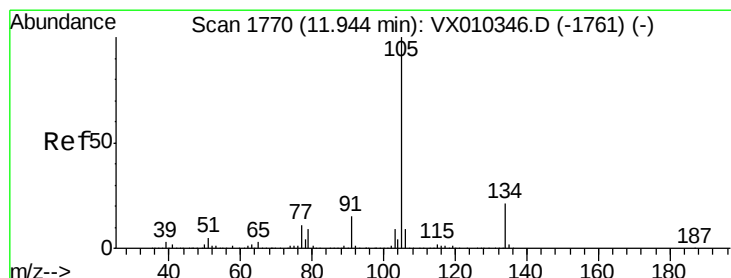
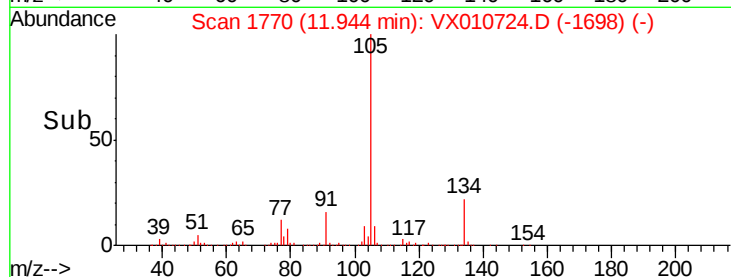
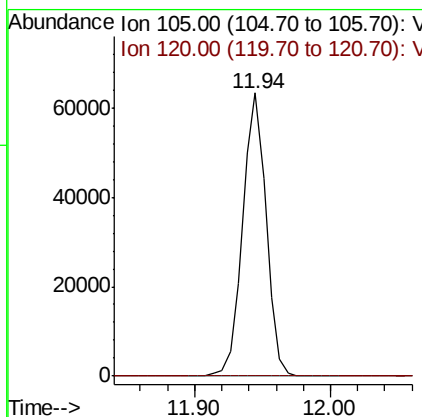
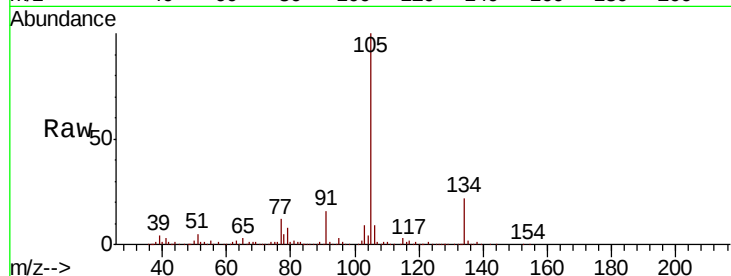




#84
 1,2,4-Trimethylbenzene
 Concen: 8.645 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.14 min
 Lab File: VX010724.D
 Acq: 09 Jul 2019 03:06

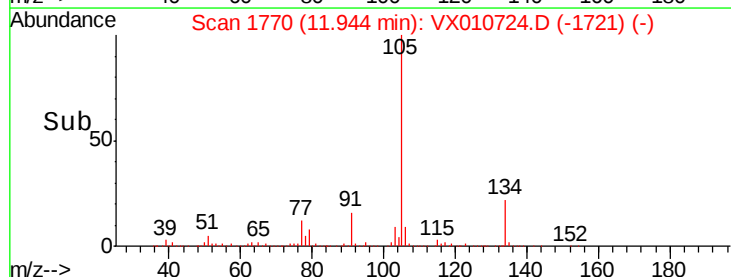
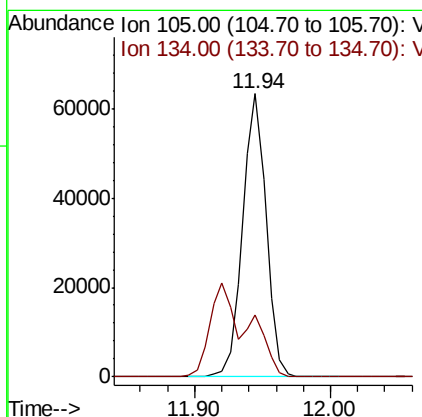
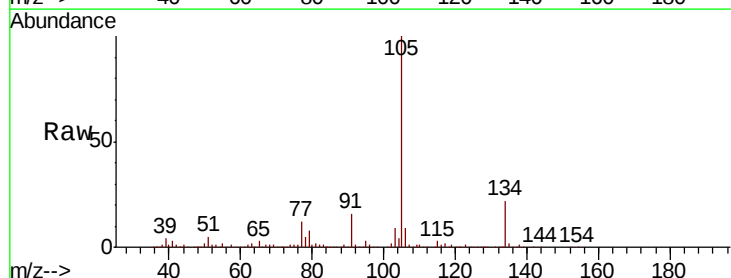
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW016-190703

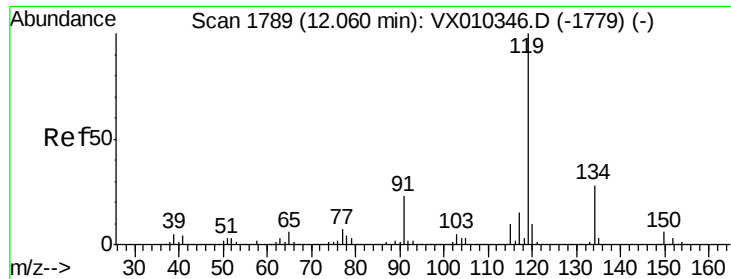
Tot Ion:105 Resp: 76331
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 69.2#



#85
 sec-Butylbenzene
 Concen: 7.370 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010724.D
 Acq: 09 Jul 2019 03:06

Tgt Ion:105 Resp: 76331
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#

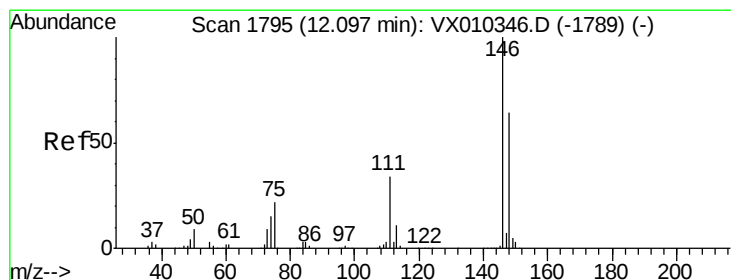
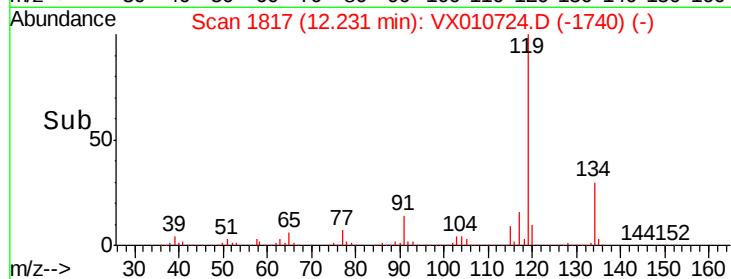
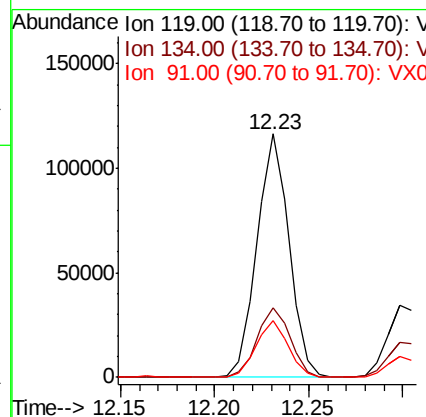
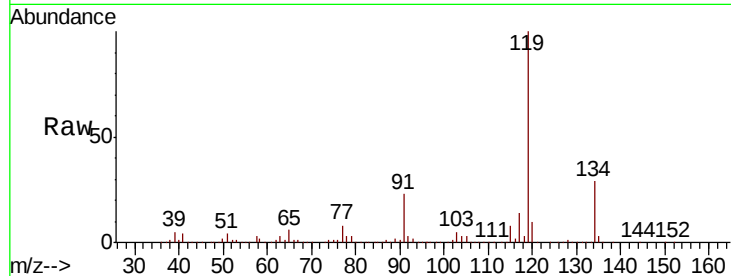




#86
 p-Isopropyltoluene
 Concen: 14.339 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX010724.D
 Acq: 09 Jul 2019 03:06

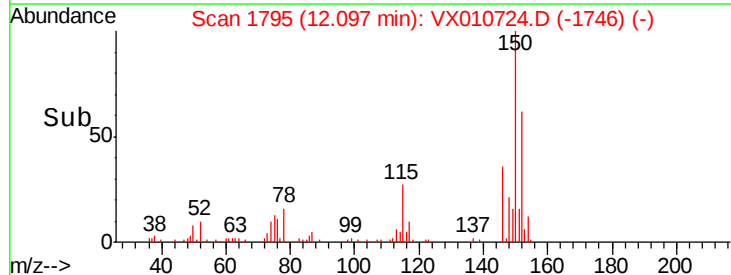
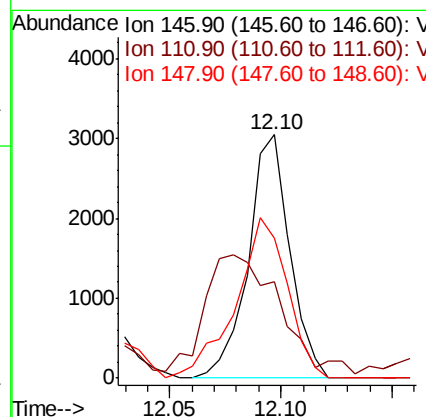
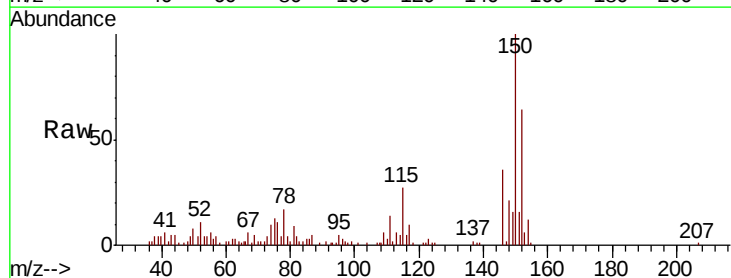
Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW016-190703

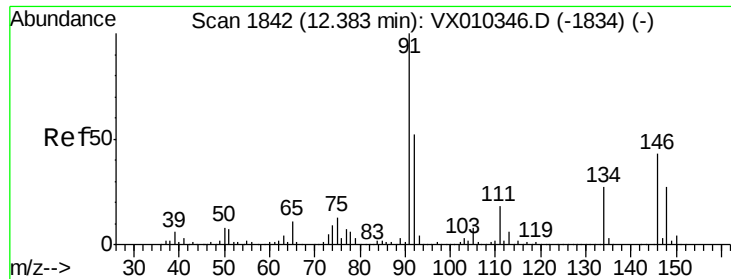
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.7	41.1
91	23.4	11.3	33.8



#88
 1,4-Dichlorobenzene
 Concen: 0.749 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010724.D
 Acq: 09 Jul 2019 03:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	94.5	18.1	54.3#
148	81.7	32.1	96.3

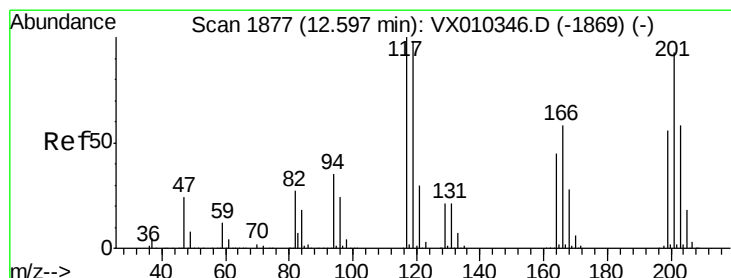
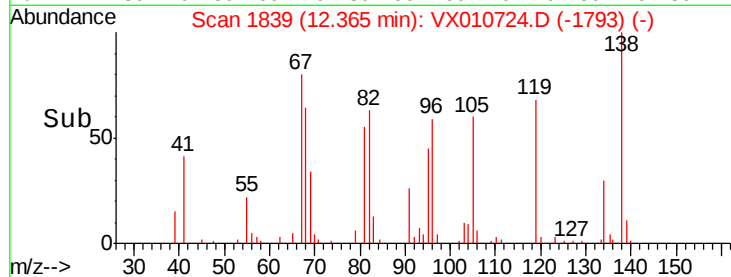
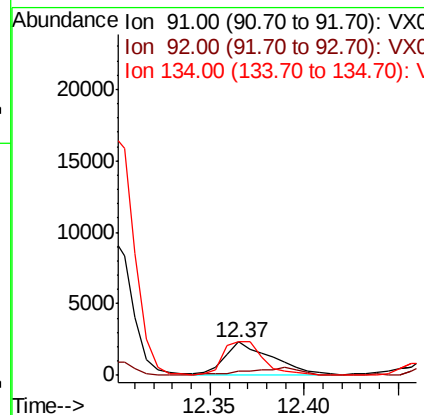
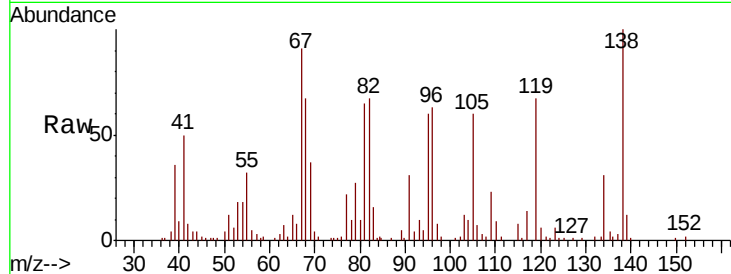




#89
n-Butylbenzene
Concen: 0.476 ug/l
RT: 12.37 min Scan# 1839
Delta R.T. -0.02 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

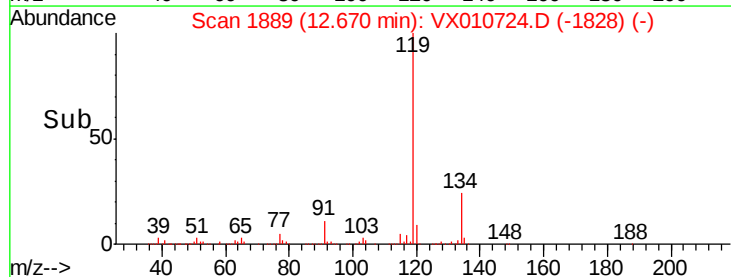
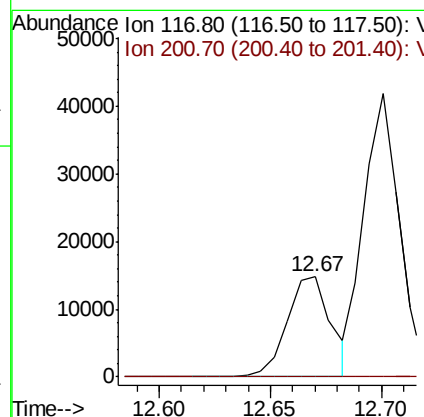
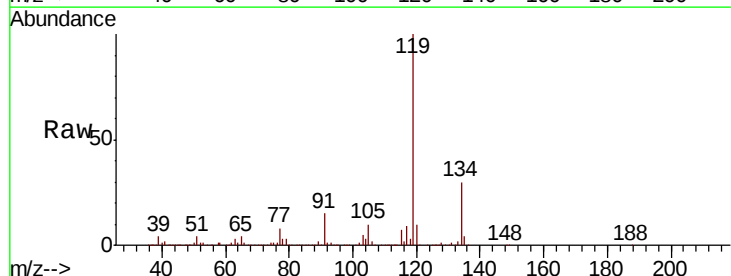
Instrument :
MSVOA_X
ClientSampleId :
SS038RW016-190703

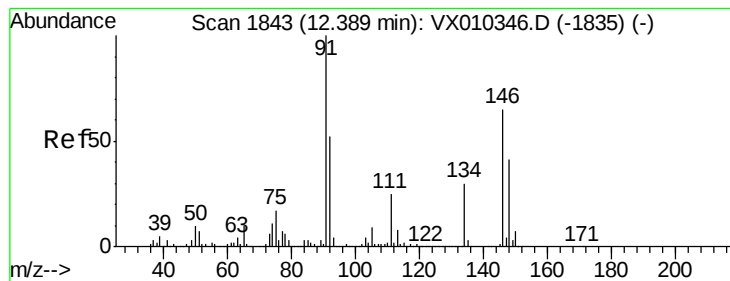
Tot Ion: 91 Resp: 3873
Ion Ratio Lower Upper
91 100
92 0.0 26.2 78.5#
134 93.0 14.1 42.4#



#90
Hexachloroethane
Concen: 12.215 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX010724.D
Acq: 09 Jul 2019 03:06

Tgt Ion: 117 Resp: 20234
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#91

1,2-Dichlorobenzene

Concen: 0.348 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

SS038RW016-190703

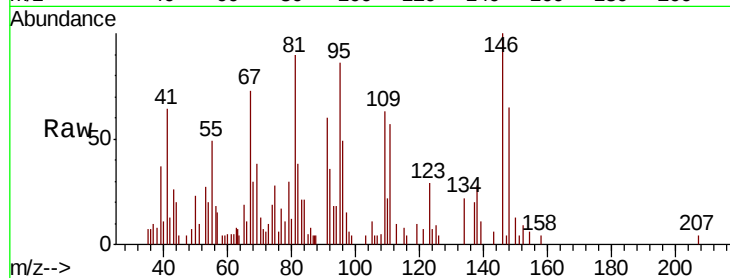
Tot Ion:146 Resp: 1798

Ion Ratio Lower Upper

146 100

111 65.2 19.2 57.6#

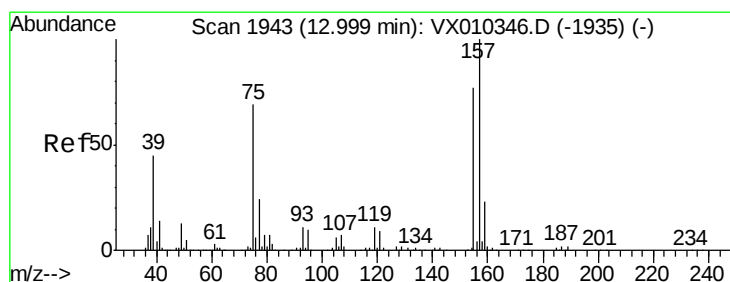
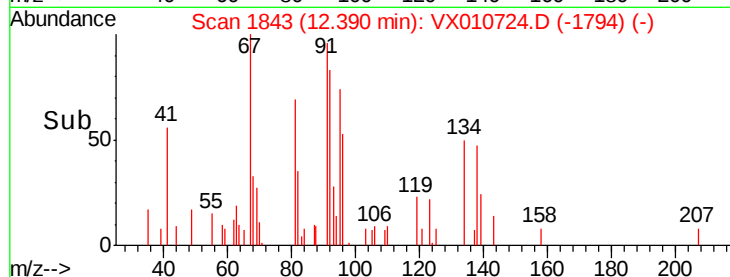
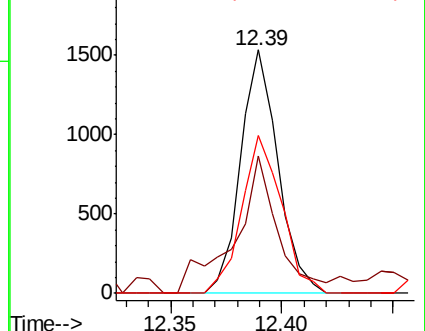
148 69.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.643 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010724.D

Acq: 09 Jul 2019 03:06

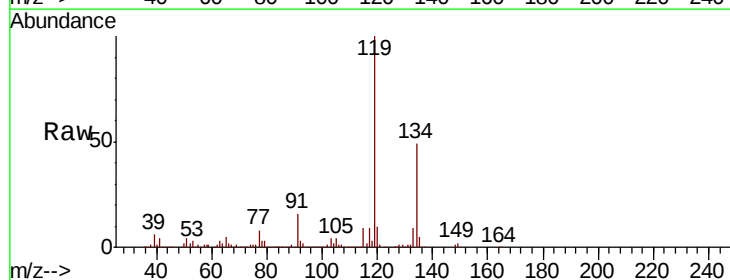
Tgt Ion: 75 Resp: 1251

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

