

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007384.D
 Acq On : 05 Feb 2019 18:31
 Operator : JC/SP
 Sample : K1380-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190204

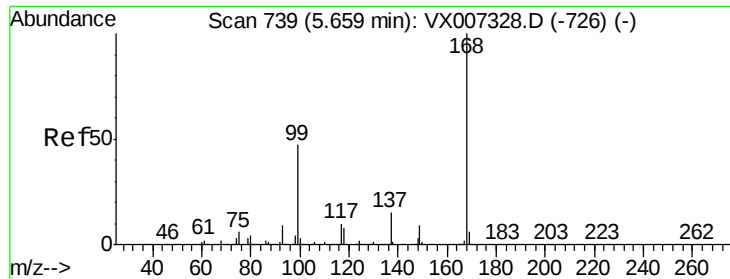
Quant Time: Feb 06 00:20:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	439684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	680191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	634203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317726	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	238565	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	5.51	113	209975	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	8.71	98	811496	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	287784	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	402	0.252	ug/l	96
3) Chloromethane	1.32	50	3743	0.756	ug/l #	87
4) Vinyl Chloride	1.42	62	4118	0.848	ug/l	90
5) Bromomethane	1.64	94	965	Below Cal	#	40
11) Tert butyl alcohol	3.10	59	492	0.509	ug/l #	45
13) Acrolein	2.30	56	258	0.570	ug/l #	55
14) Allyl chloride	2.77	41	3212	0.470	ug/l #	54
15) Acrylonitrile	3.14	53	554	0.232	ug/l #	58
16) Acetone	2.48	43	13135	6.144	ug/l #	86
17) Carbon Disulfide	2.60	76	87	2.129	ug/l #	85
18) Methyl Acetate	2.79	43	95096	17.463	ug/l	93
20) Methylene Chloride	2.84	84	941	Below Cal	#	60
21) trans-1,2-Dichloroethene	3.15	96	945	0.211	ug/l #	79
27) cis-1,2-Dichloroethene	4.59	96	191898	39.287	ug/l	92
36) 1,1-Dichloropropene	5.65	75	29126	4.772	ug/l #	40
38) Carbon Tetrachloride	5.66	117	39821	6.726	ug/l #	16
41) Methacrylonitrile	5.07	41	920	0.278	ug/l #	35
44) Trichloroethene	7.21	130	31139	5.751	ug/l	98
49) 1,4-Dioxane	7.74	88	104	7.832	ug/l #	1
60) Dibromochloromethane	9.34	129	29139	6.372	ug/l #	12
64) Tetrachloroethene	9.33	164	33762	5.648	ug/l	92
65) Chlorobenzene	10.14	112	9049	0.654	ug/l	95
71) Bromoform	10.85	173	207	4.076	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	137266	22.211	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	137266	67.074	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.02	75	318	0.232	ug/l #	2

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007384.D

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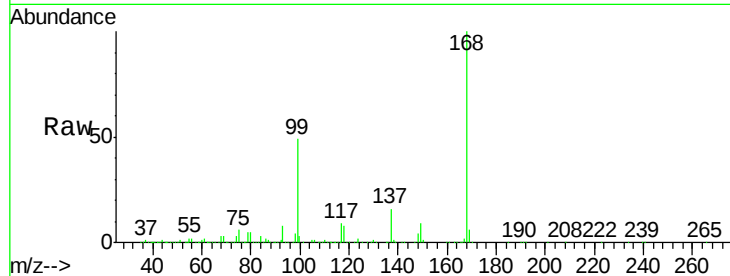
KY038PS027-190204

Tot Ion:168 Resp: 439684

Ion Ratio Lower Upper

168 100

99 48.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

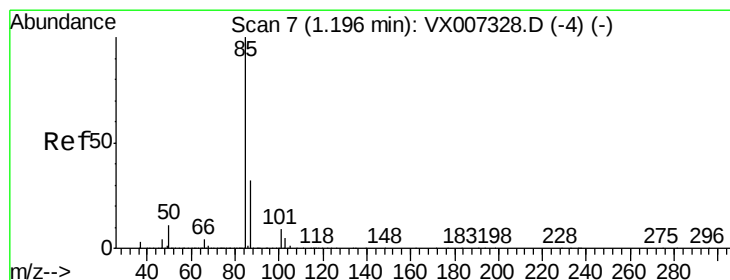
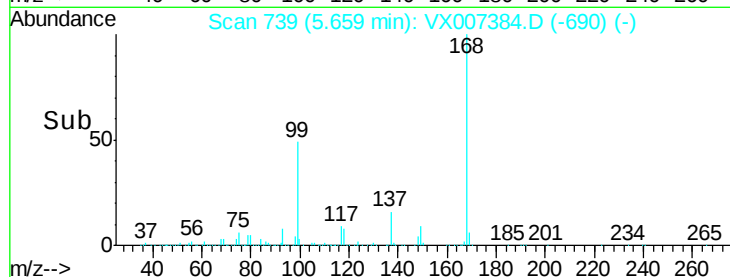
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.252 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007384.D

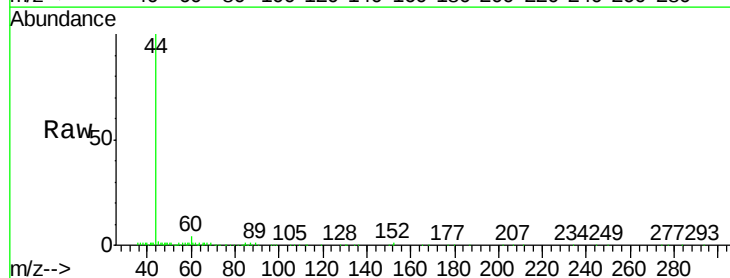
Acq: 05 Feb 2019 18:31

Tgt Ion: 85 Resp: 402

Ion Ratio Lower Upper

85 100

87 34.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

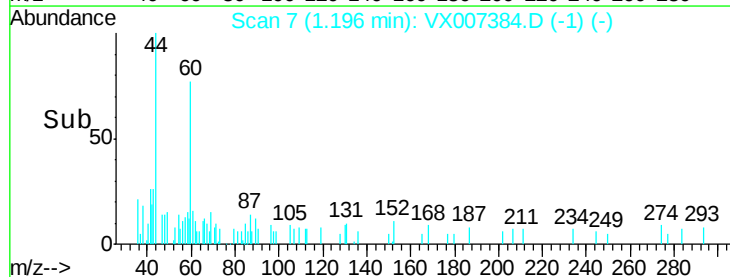
300

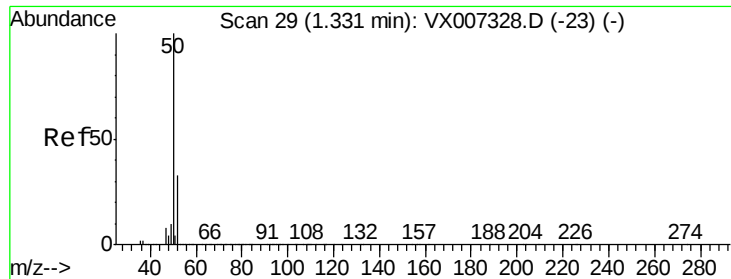
200

100

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.756 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

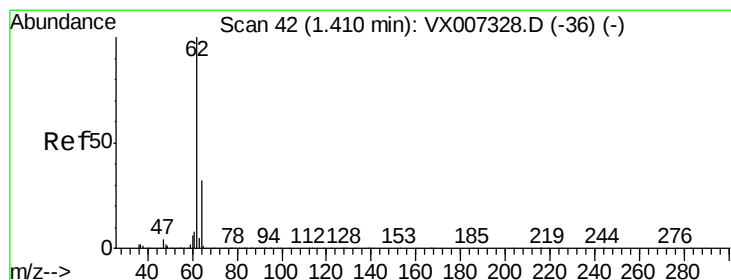
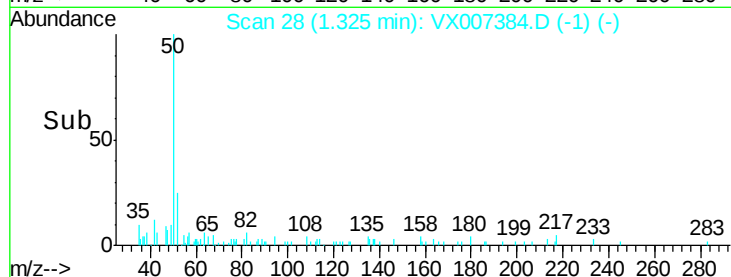
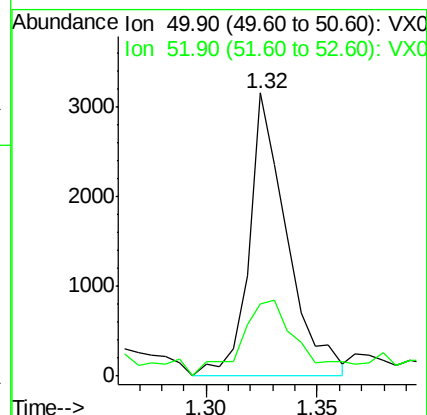
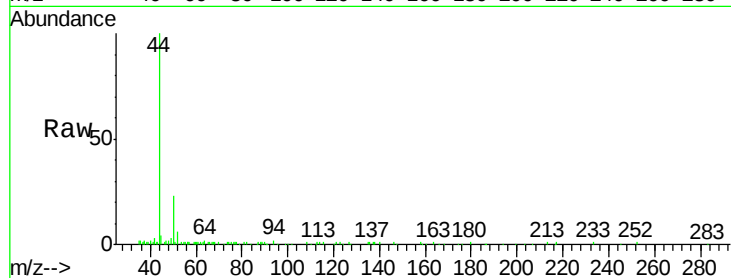
KY038PS027-190204

Tot Ion: 50 Resp: 3743

Ion Ratio Lower Upper

50 100

52 25.4 26.1 39.1#



#4

Vinyl Chloride

Concen: 0.848 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX007384.D

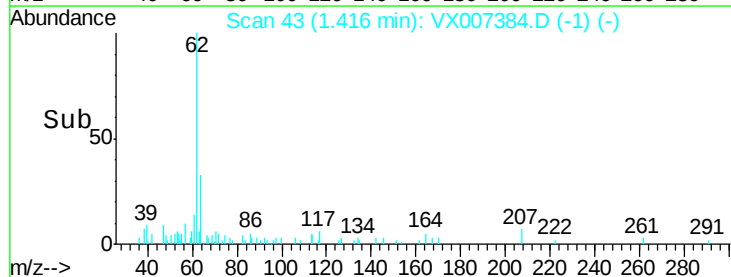
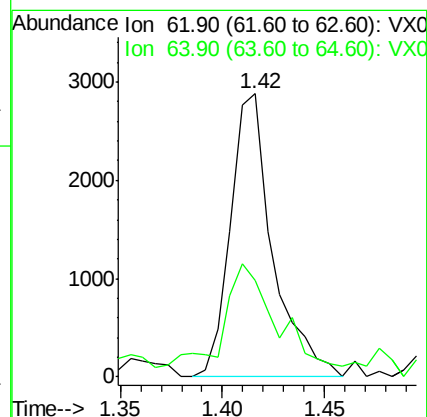
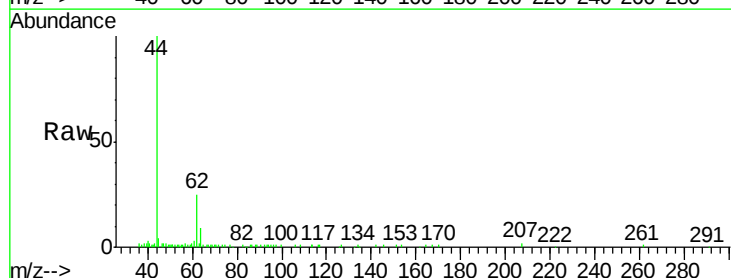
Acq: 05 Feb 2019 18:31

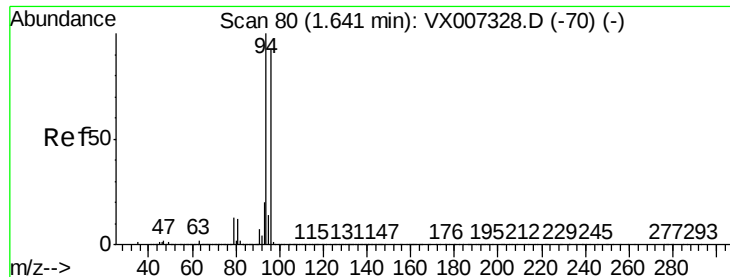
Tgt Ion: 62 Resp: 4118

Ion Ratio Lower Upper

62 100

64 26.0 25.4 38.0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

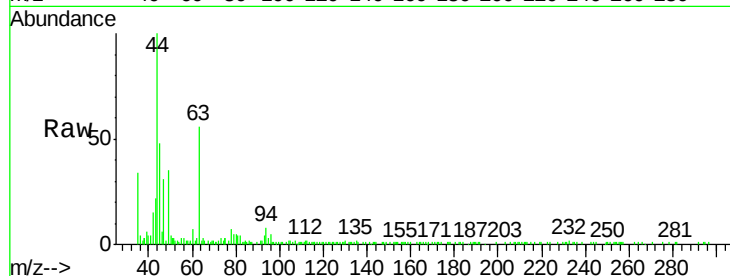
KY038PS027-190204

Tot Ion: 94 Resp: 965

Ion Ratio Lower Upper

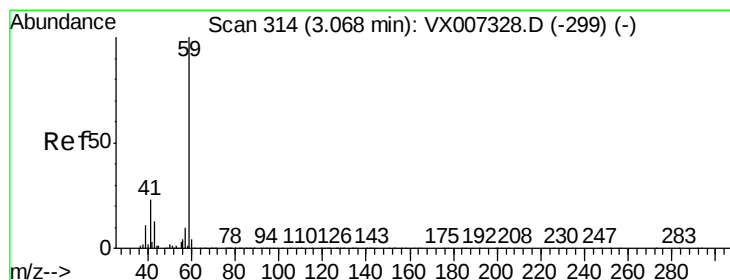
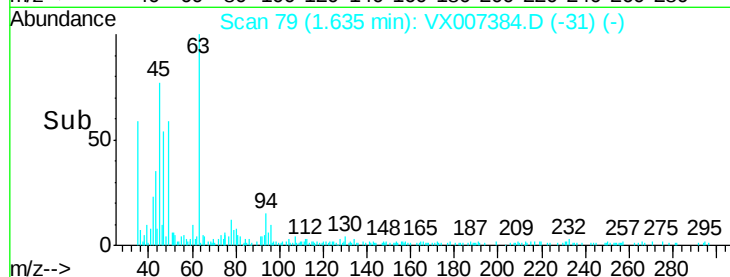
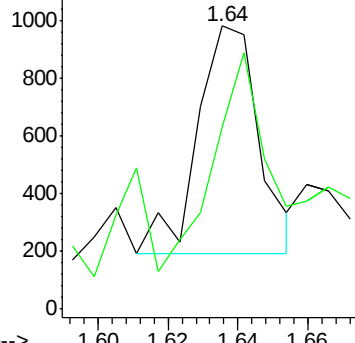
94 100

96 35.3 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 0.509 ug/l

RT: 3.10 min Scan# 319

Delta R.T. 0.03 min

Lab File: VX007384.D

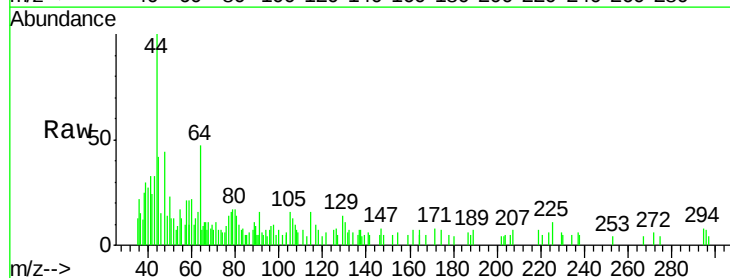
Acq: 05 Feb 2019 18:31

Tgt Ion: 59 Resp: 492

Ion Ratio Lower Upper

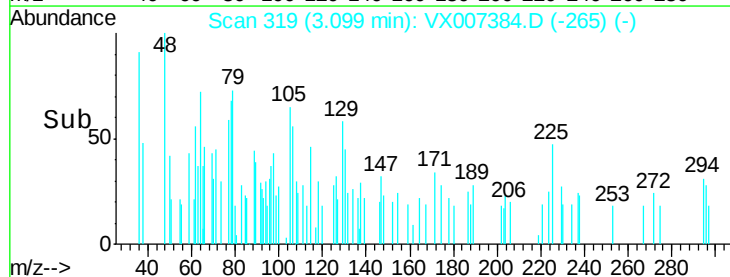
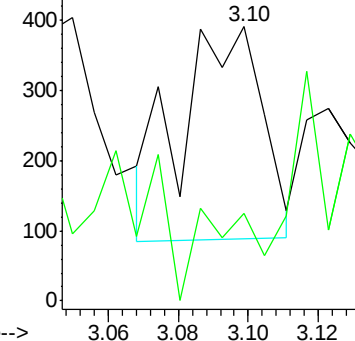
59 100

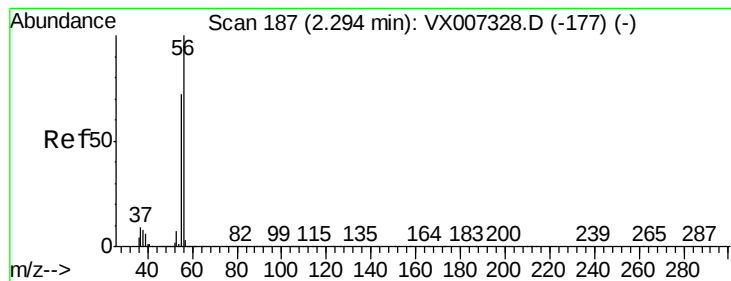
57 30.7 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.570 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

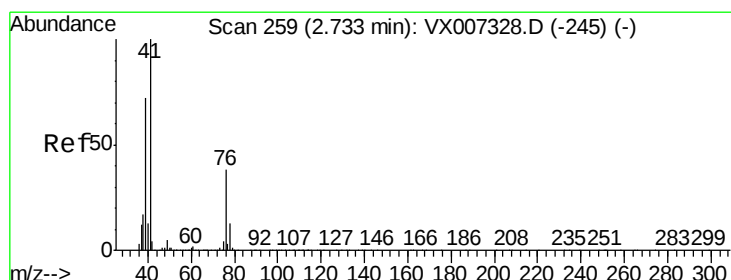
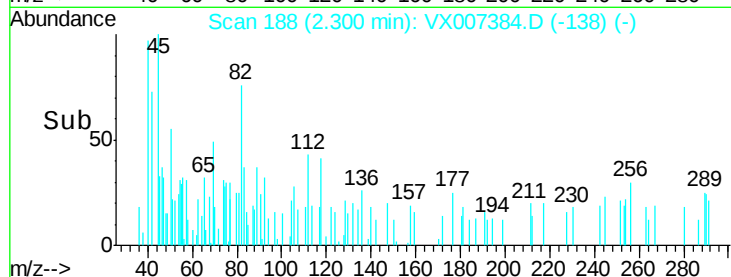
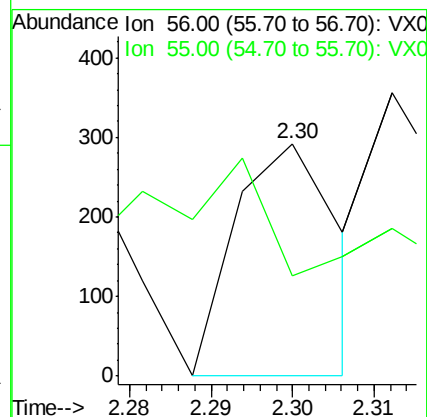
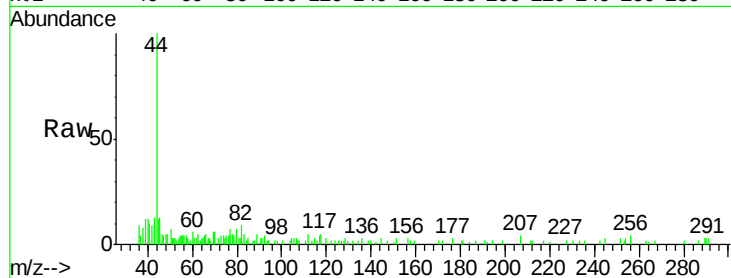
KY038PS027-190204

Tot Ion: 56 Resp: 258

Ion Ratio Lower Upper

56 100

55 33.7 56.9 85.3#



#14

Allyl chloride

Concen: 0.470 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.04 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

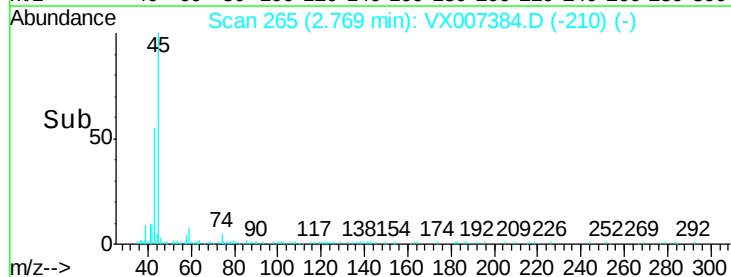
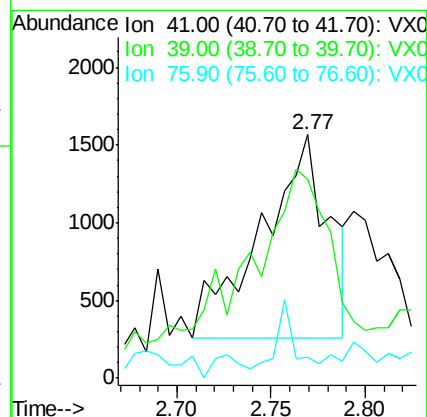
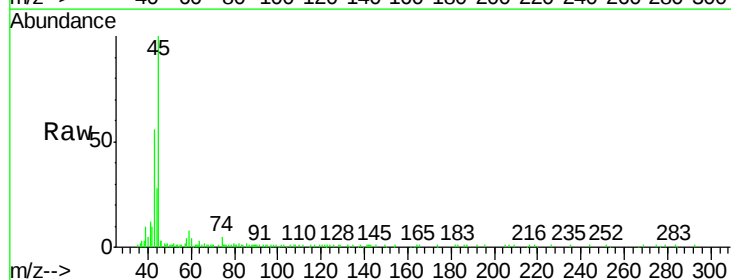
Tgt Ion: 41 Resp: 3212

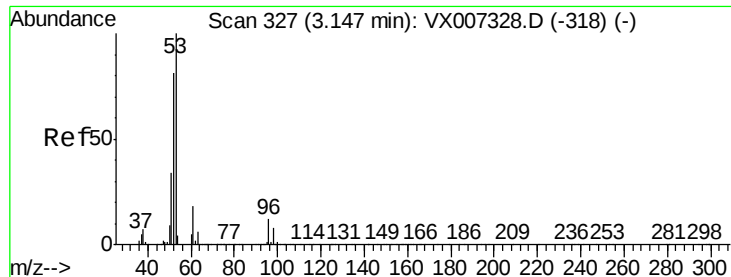
Ion Ratio Lower Upper

41 100

39 104.4 54.1 81.1#

76 8.5 27.8 41.8#





#15

Acrylonitrile

Concen: 0.232 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

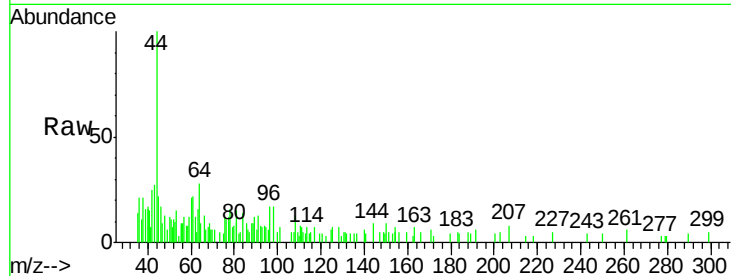
Tot Ion: 53 Resp: 554

Ion Ratio Lower Upper

53 100

52 39.2 66.4 99.6#

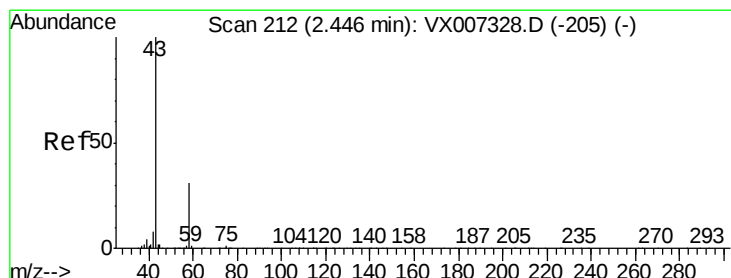
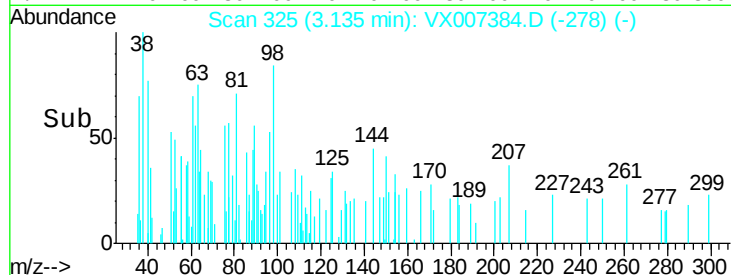
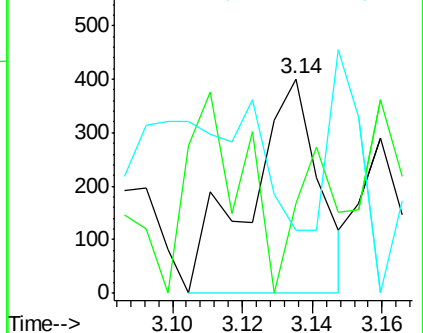
51 51.8 28.4 42.6#



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: 6.144 ug/l

RT: 2.48 min Scan# 218

Delta R.T. 0.04 min

Lab File: VX007384.D

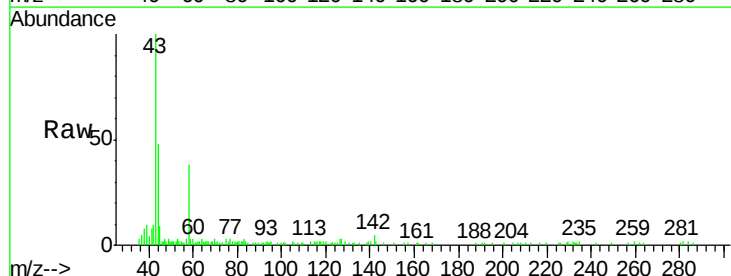
Acq: 05 Feb 2019 18:31

Tgt Ion: 43 Resp: 13135

Ion Ratio Lower Upper

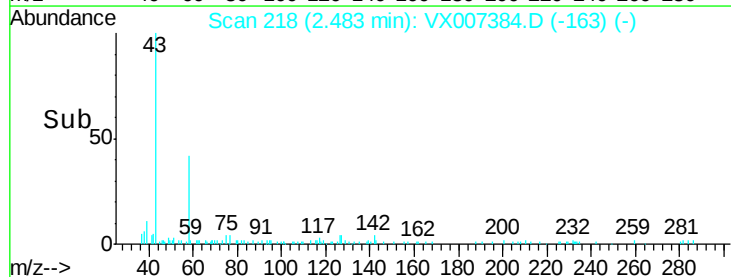
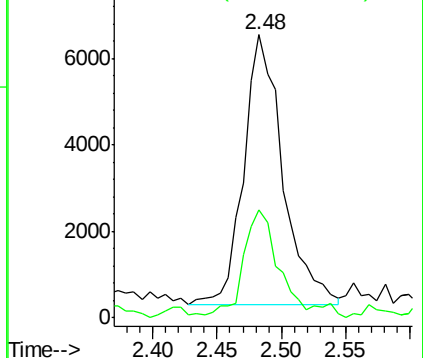
43 100

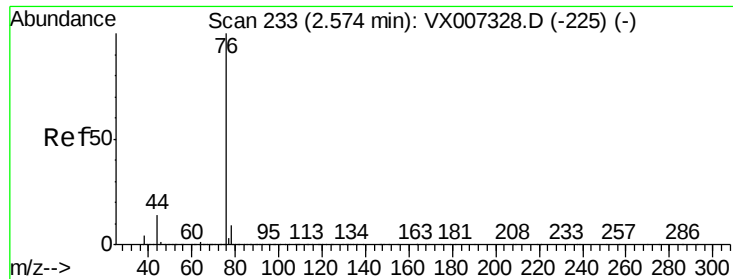
58 38.7 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.129 ug/l

RT: 2.60 min Scan# 237

Delta R.T. 0.02 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

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ClientSampleId :

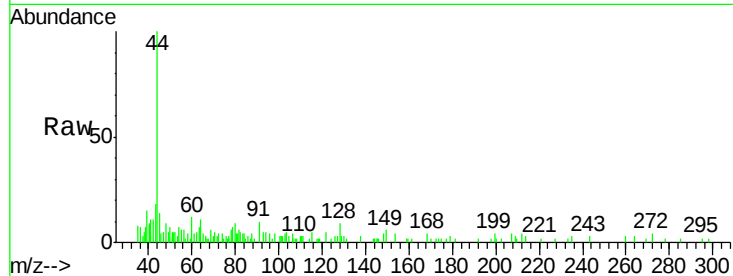
KY038PS027-190204

Tot Ion: 76 Resp: 87

Ion Ratio Lower Upper

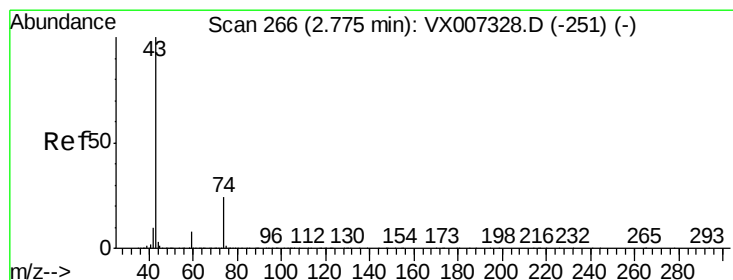
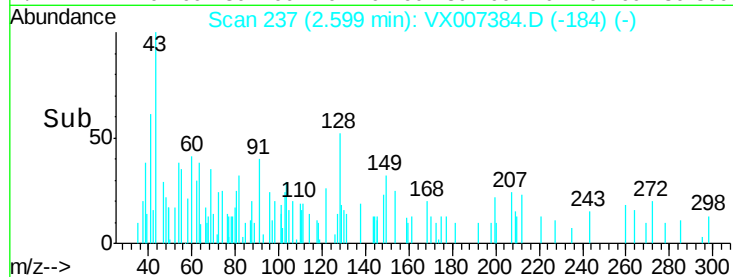
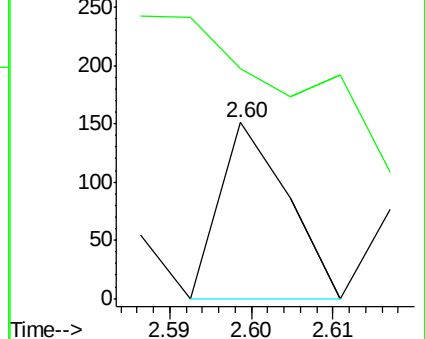
76 100

78 3.3 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.463 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX007384.D

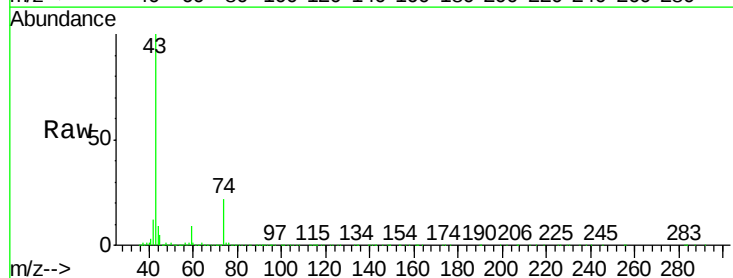
Acq: 05 Feb 2019 18:31

Tgt Ion: 43 Resp: 95096

Ion Ratio Lower Upper

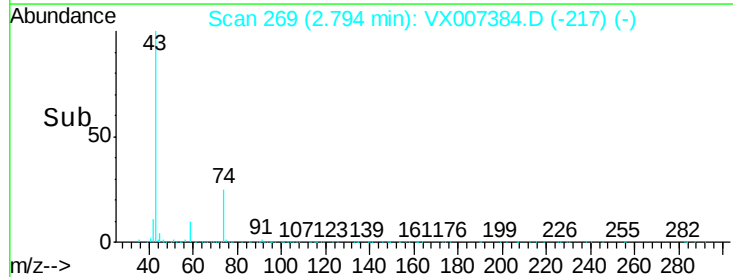
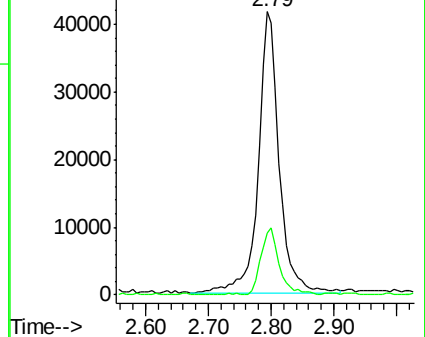
43 100

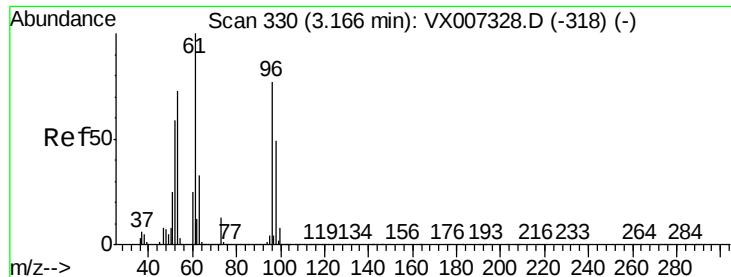
74 20.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.211 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

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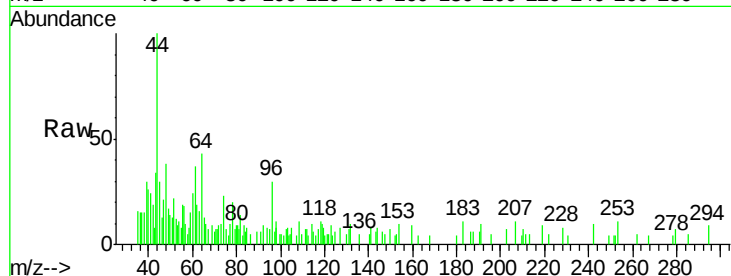
Tot Ion: 96 Resp: 945

Ion Ratio Lower Upper

96 100

61 94.7 104.6 156.8#

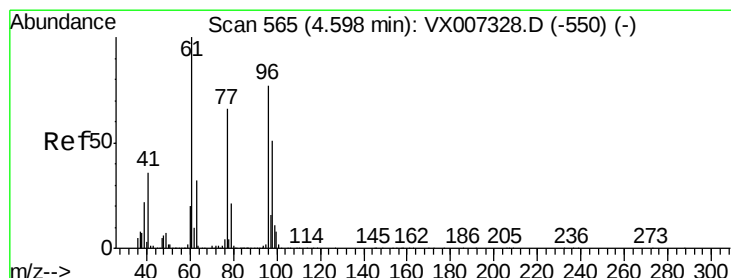
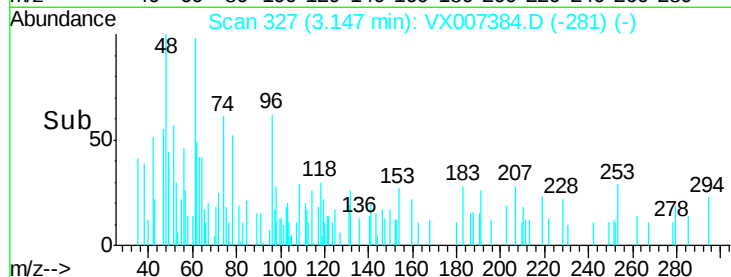
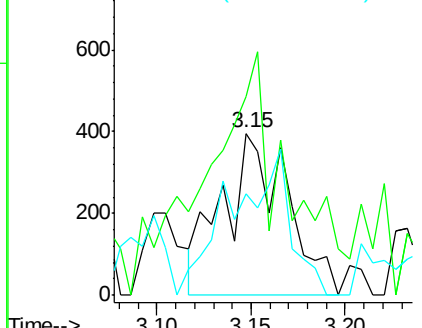
98 62.6 51.0 76.4



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: 39.287 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

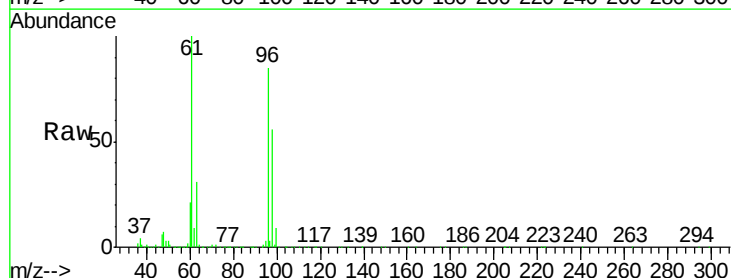
Tgt Ion: 96 Resp: 191898

Ion Ratio Lower Upper

96 100

61 119.0 0.0 265.6

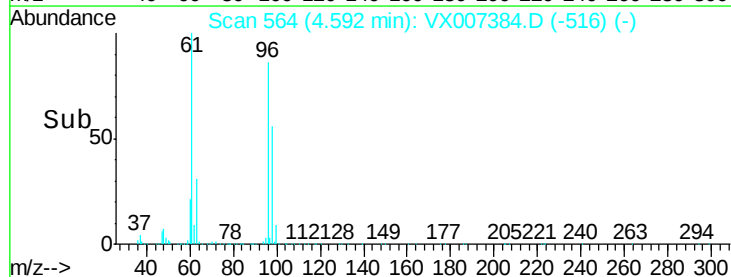
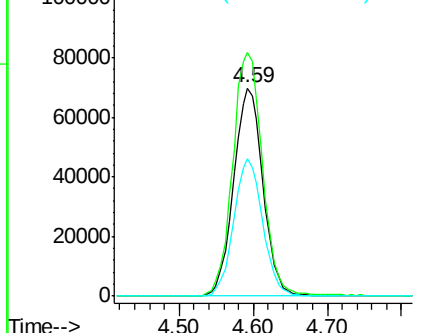
98 65.3 0.0 131.6

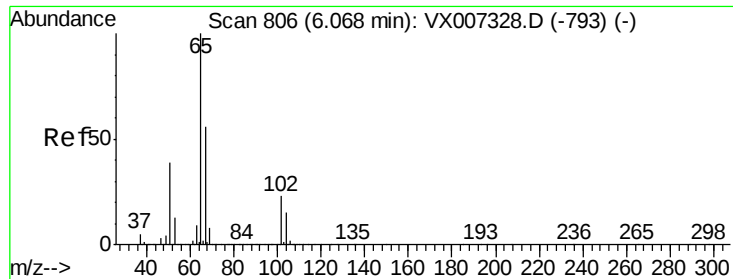


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.119 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

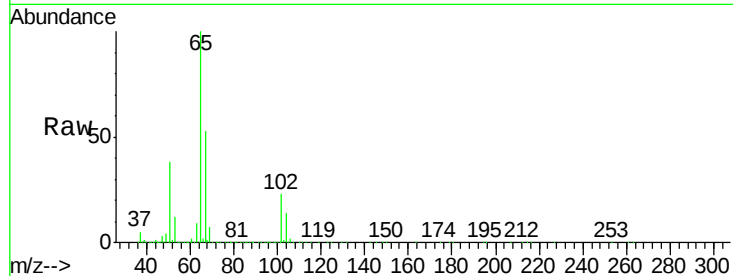
KY038PS027-190204

Tot Ion: 65 Resp: 238565

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

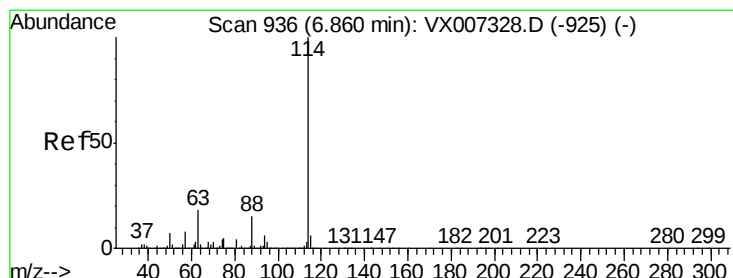
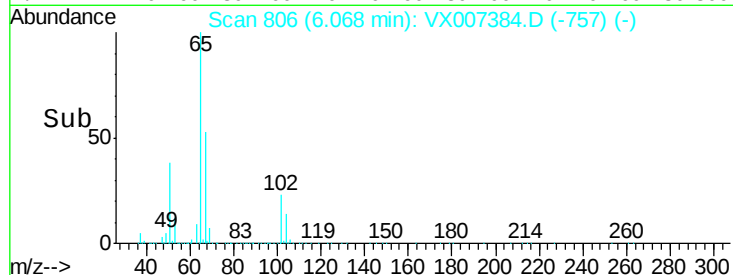
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

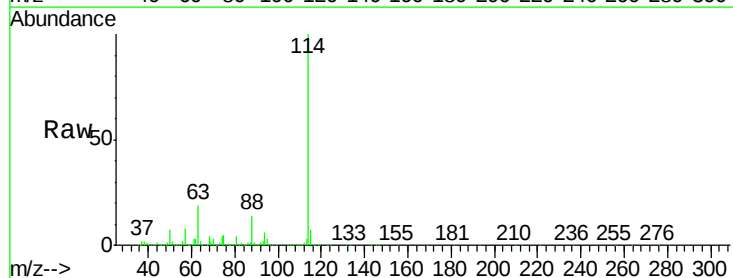
Tgt Ion: 114 Resp: 680191

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.6

88 14.1 0.0 29.6



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

6.86

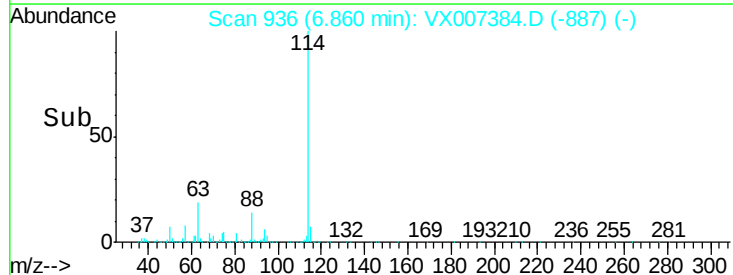
300000

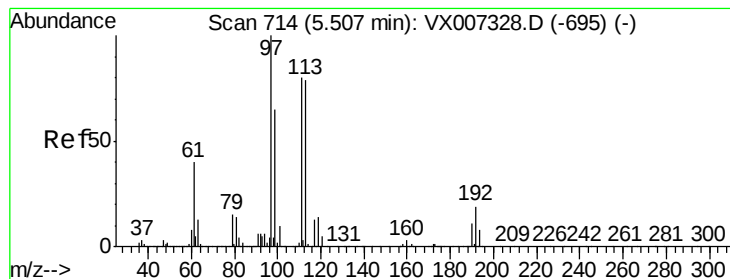
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.444 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

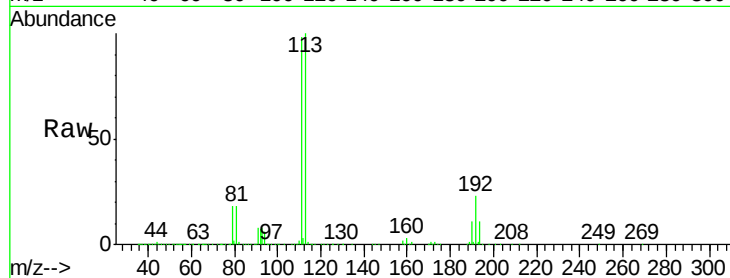
Tot Ion:113 Resp: 209975

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

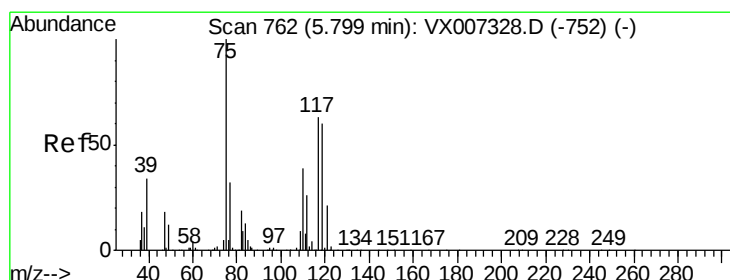
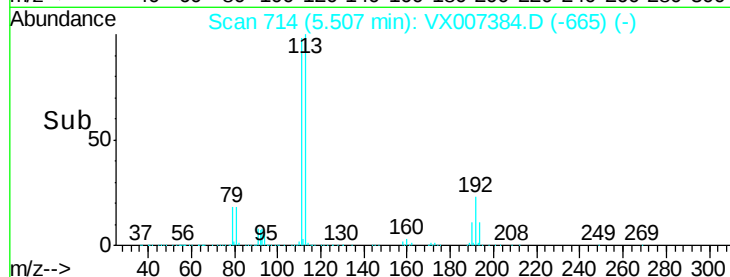
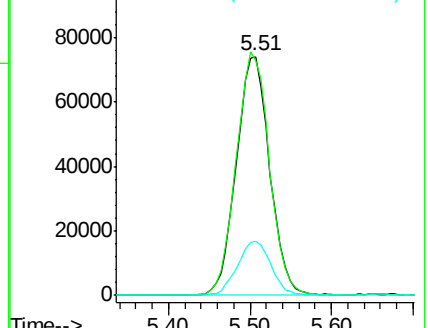
192 23.0 18.5 27.7



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: 4.772 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

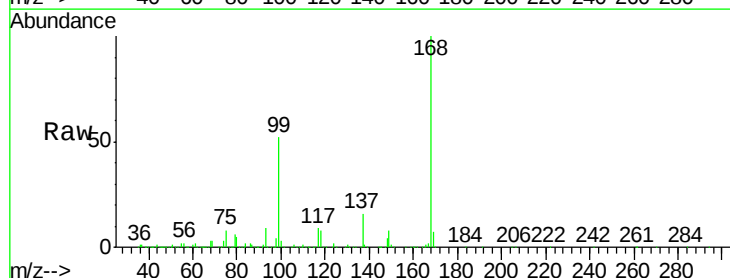
Tgt Ion: 75 Resp: 29126

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

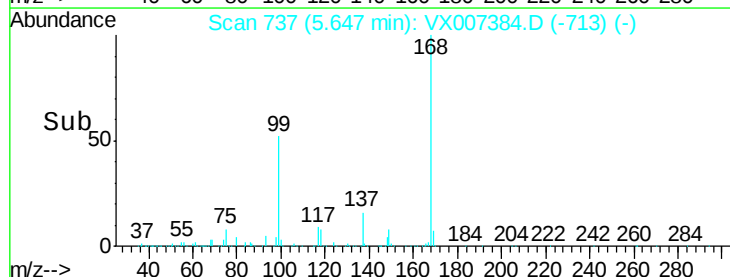
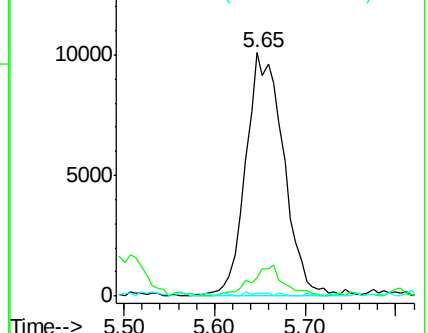
77 0.8 24.7 37.1#

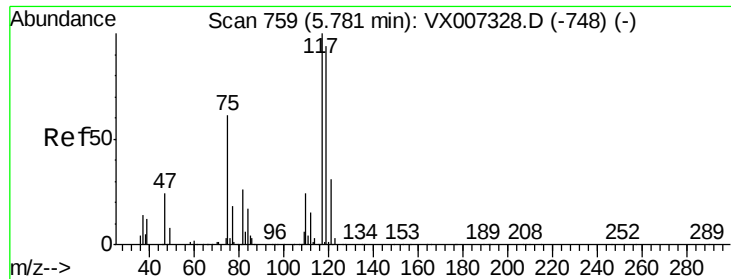


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.726 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

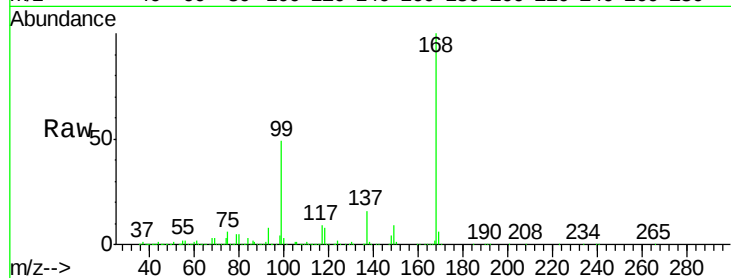
Tot Ion:117 Resp: 39821

Ion Ratio Lower Upper

117 100

119 4.7 75.3 112.9#

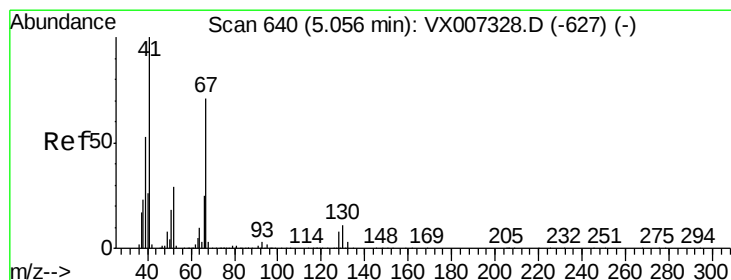
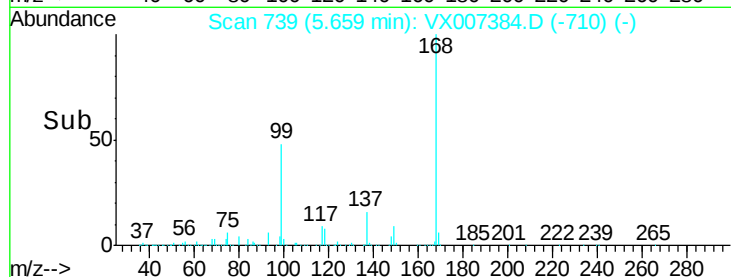
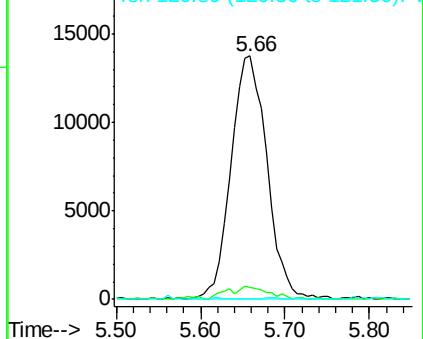
121 0.0 25.0 37.4#



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



#41

Methacrylonitrile

Concen: 0.278 ug/l

RT: 5.07 min Scan# 643

Delta R.T. 0.02 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Tgt Ion: 41 Resp: 920

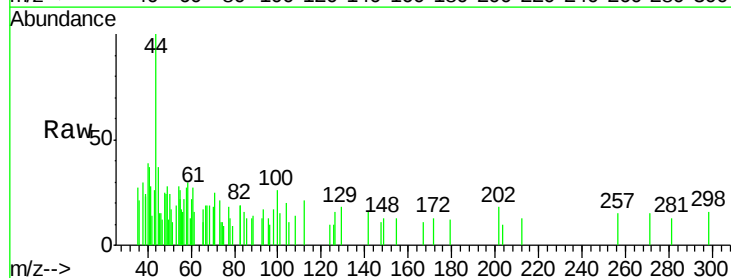
Ion Ratio Lower Upper

41 100

39 0.0 44.5 66.7#

67 23.7 60.4 90.6#

52 0.0 24.1 36.1#

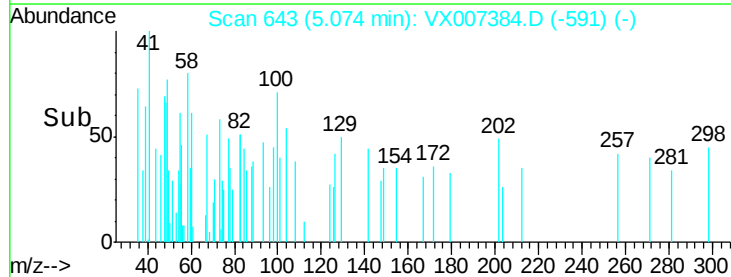
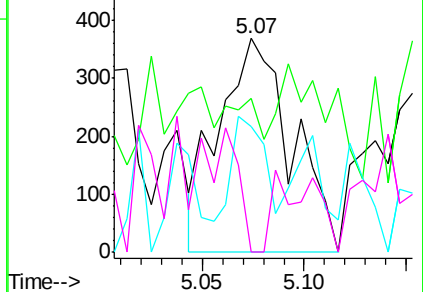


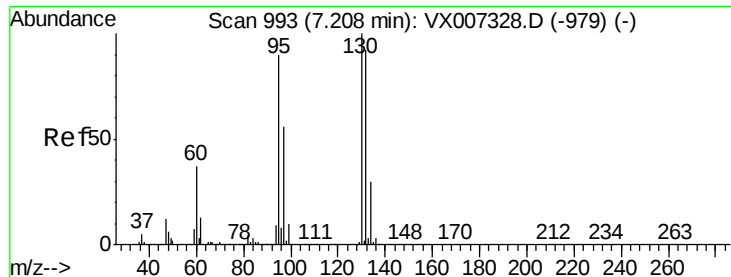
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#44

Trichloroethene

Concen: 5.751 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

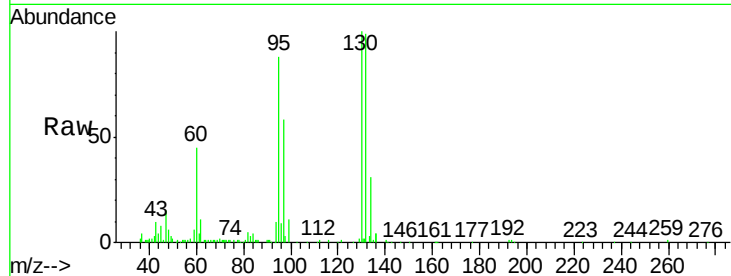
KY038PS027-190204

Tot Ion:130 Resp: 31139

Ion Ratio Lower Upper

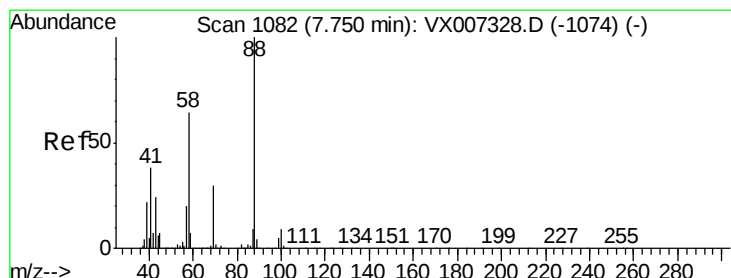
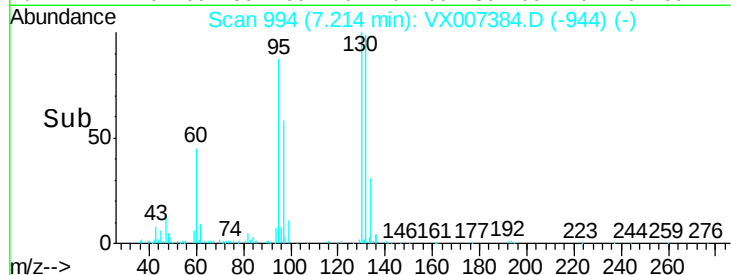
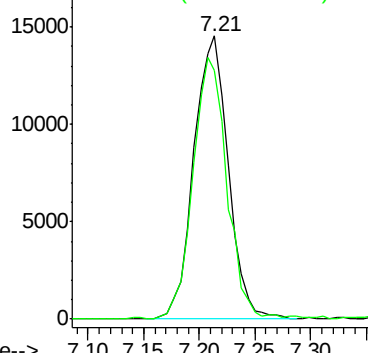
130 100

95 88.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 7.832 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

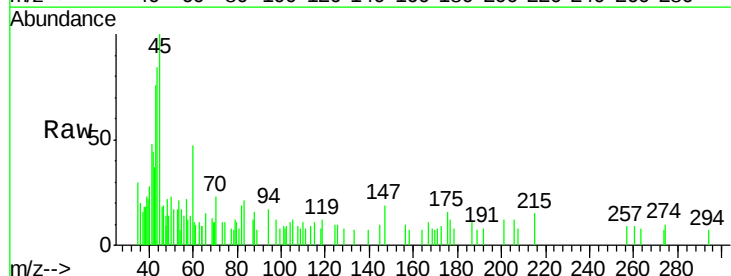
Tgt Ion: 88 Resp: 104

Ion Ratio Lower Upper

88 100

43 232.7 24.2 36.4#

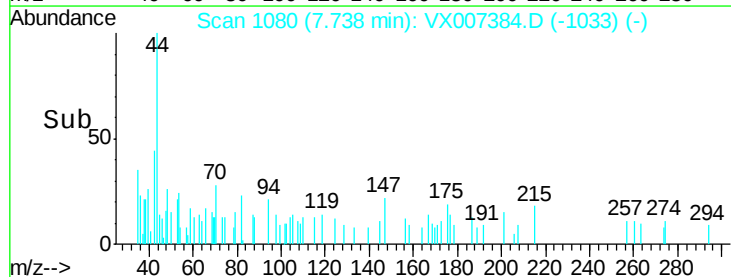
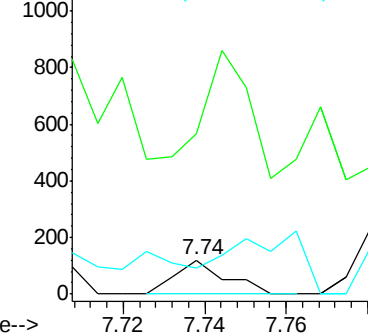
58 93.3 53.0 79.4#

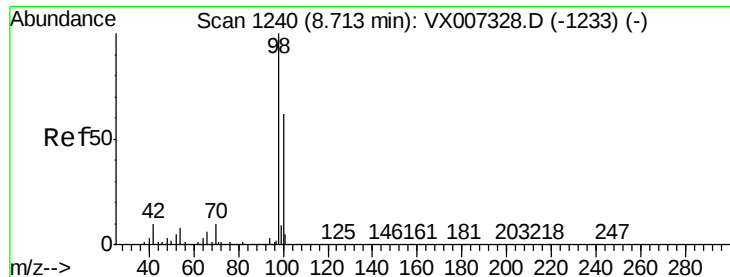


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.420 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

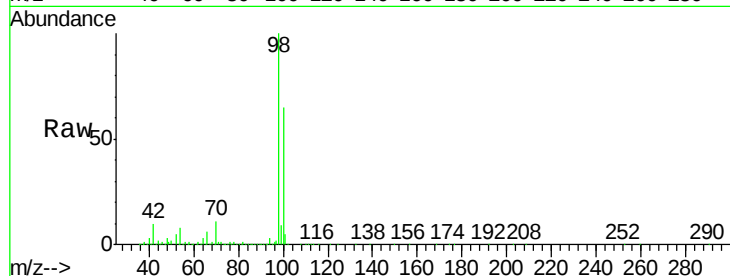
KY038PS027-190204

Tot Ion: 98 Resp: 811496

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

600000

500000

400000

300000

200000

100000

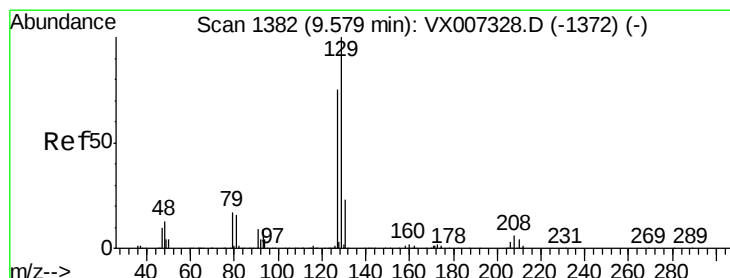
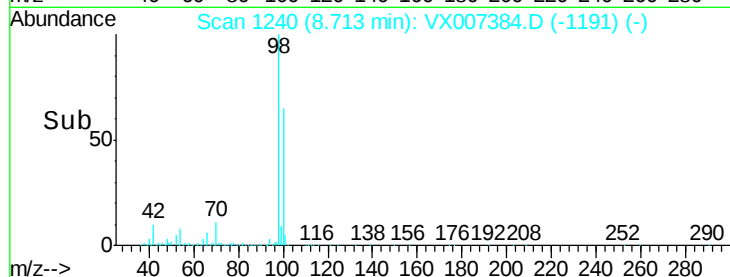
0

8.60

8.70

8.80

Time-->



#60

Dibromochloromethane

Concen: 6.372 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX007384.D

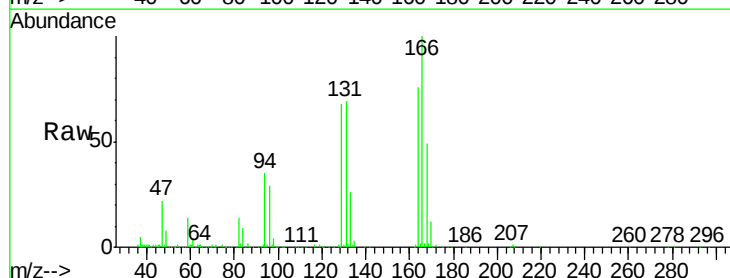
Acq: 05 Feb 2019 18:31

Tgt Ion:129 Resp: 29139

Ion Ratio Lower Upper

129 100

127 0.7 37.8 113.4#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

20000

15000

10000

5000

0

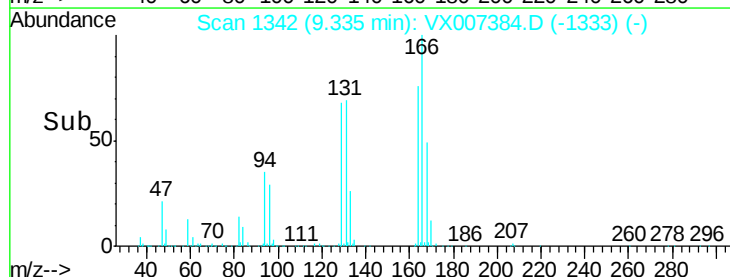
9.25

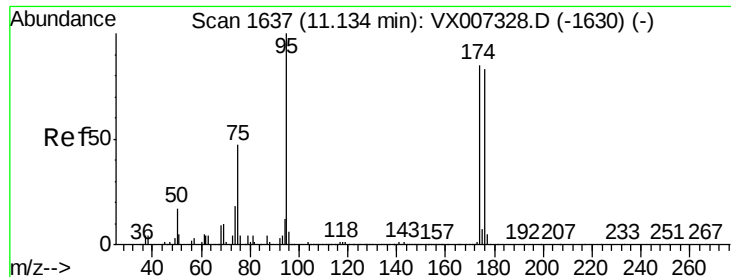
9.30

9.34

9.40

Time-->





#62

4-Bromofluorobenzene

Concen: 48.003 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

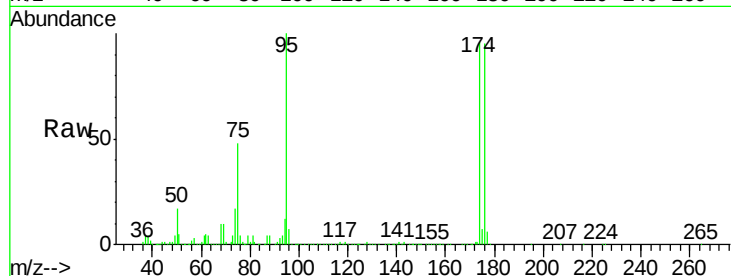
Tot Ion: 95 Resp: 287784

Ion Ratio Lower Upper

95 100

174 93.7 0.0 189.2

176 90.8 0.0 186.2

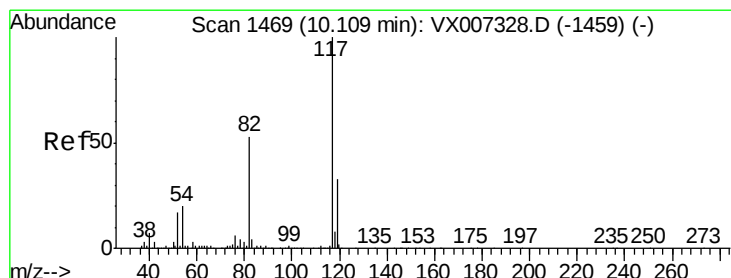
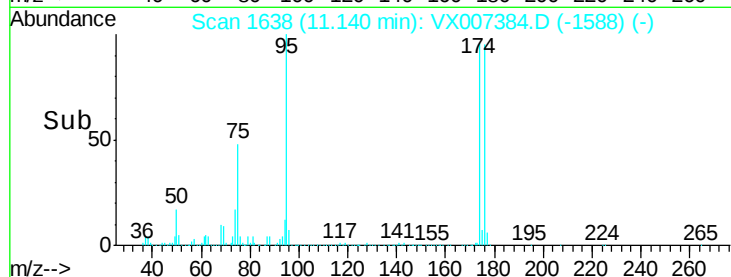


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

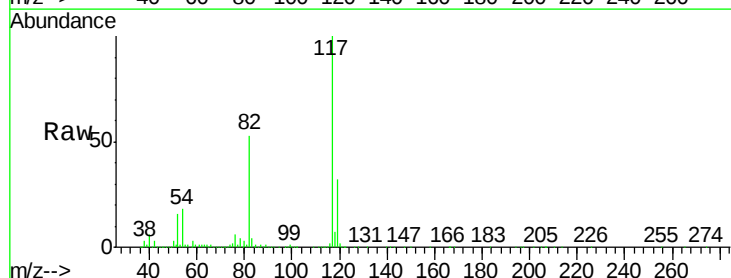
Tgt Ion: 117 Resp: 634203

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 32.4 26.5 39.7

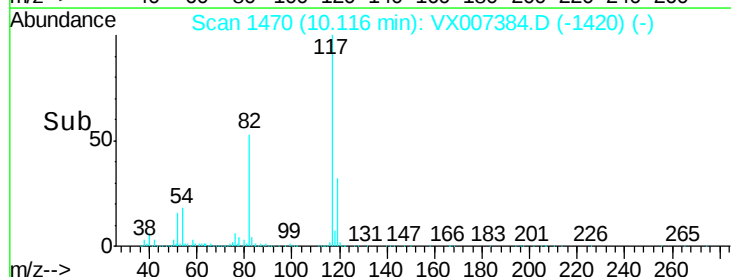


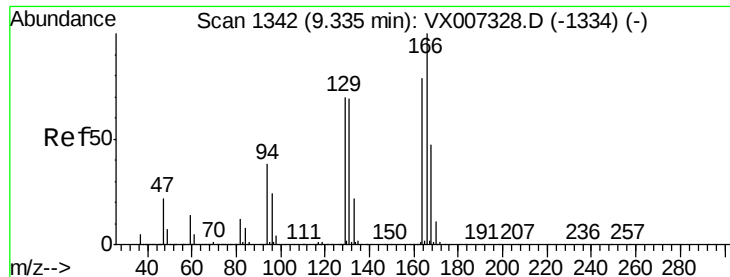
Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->





#64

Tetrachloroethene

Concen: 5.648 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

Tot Ion:164 Resp: 33762

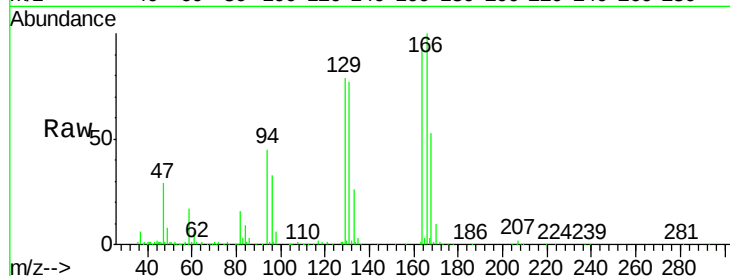
Ion Ratio Lower Upper

164 100

166 108.8 101.0 151.4

129 86.4 70.5 105.7

131 83.3 69.8 104.6

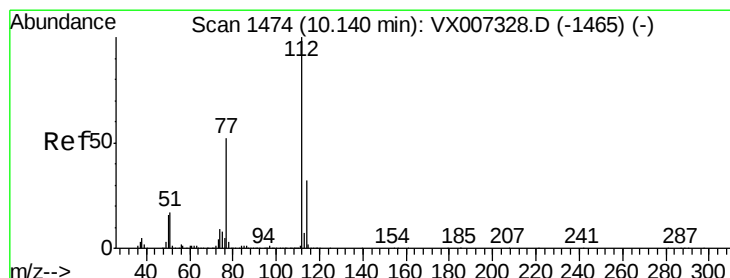
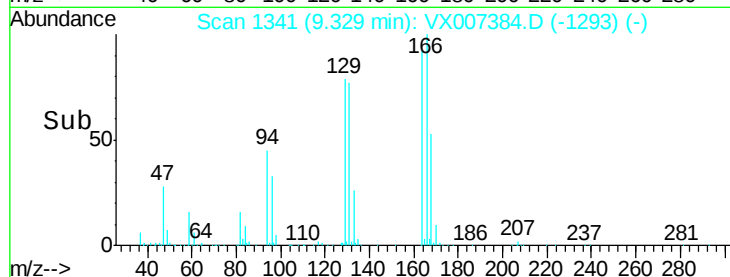
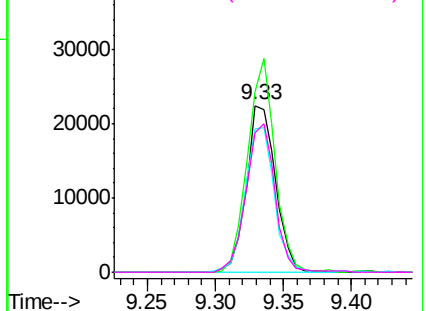


Abundance Ion 163.80 (163.50 to 164.50): V

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: 0.654 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007384.D

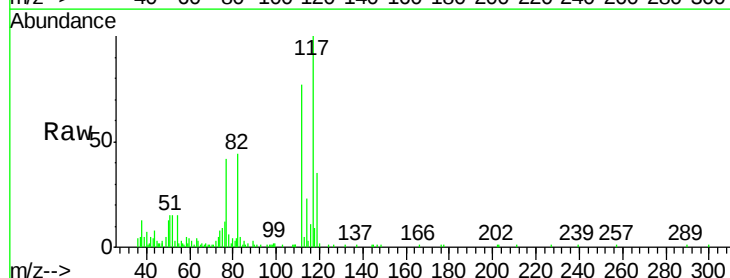
Acq: 05 Feb 2019 18:31

Tgt Ion:112 Resp: 9049

Ion Ratio Lower Upper

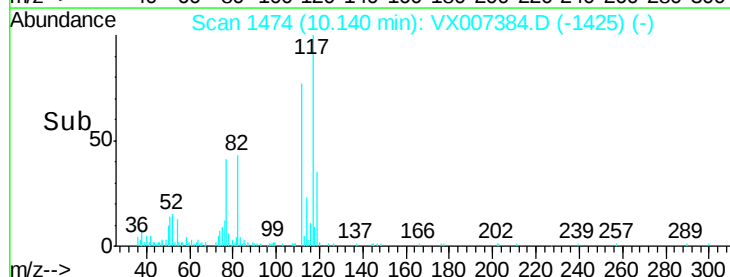
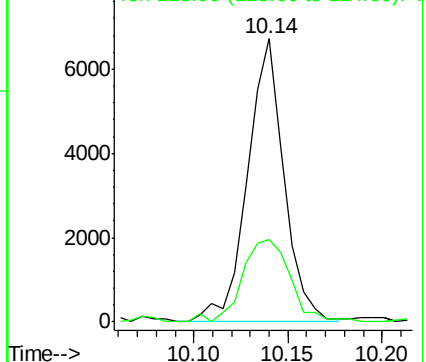
112 100

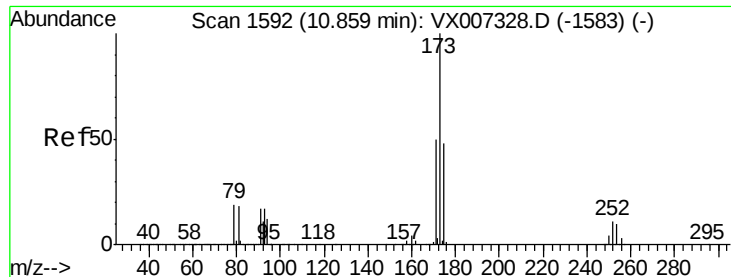
114 29.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 4.076 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

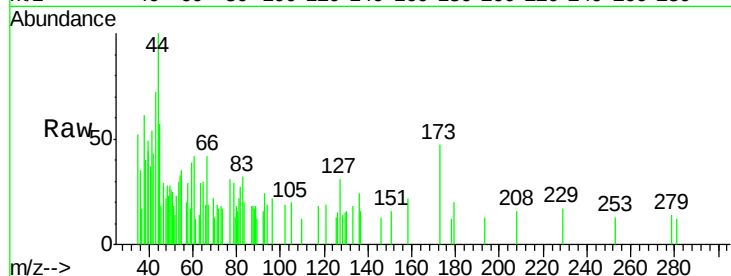
Tot Ion:173 Resp: 207

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

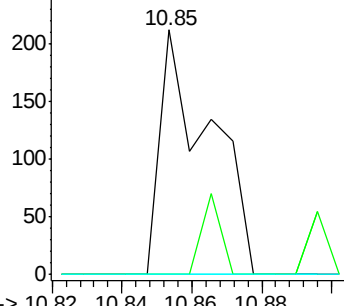
254 0.0 0.2 0.2#



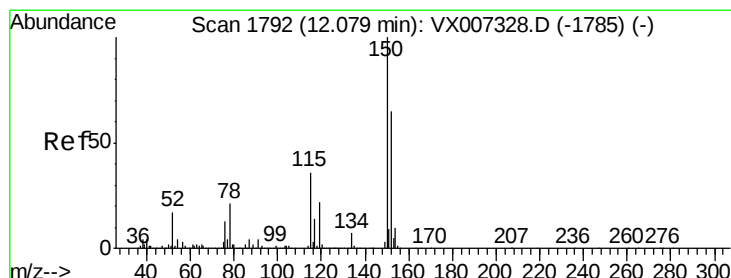
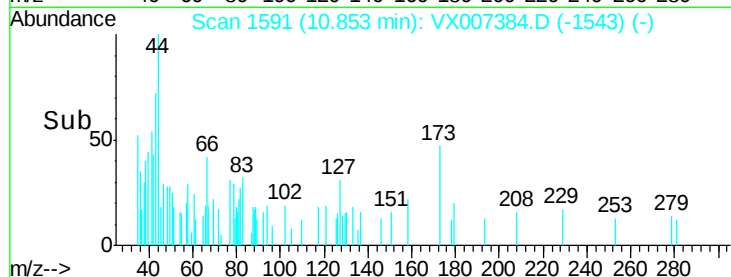
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time--> 10.82 10.84 10.86 10.88



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

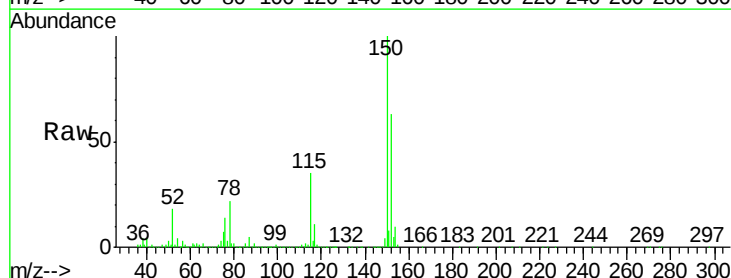
Tgt Ion:152 Resp: 317726

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

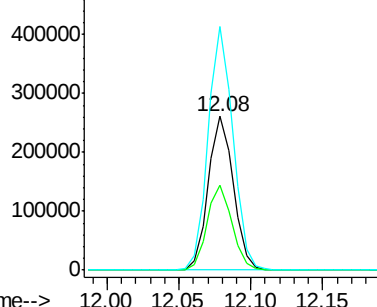
150 156.8 0.0 346.4



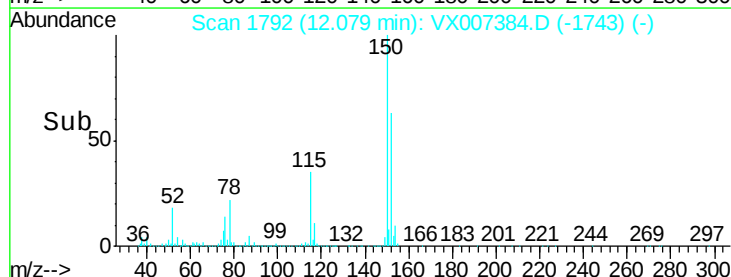
Abundance Ion 151.90 (151.60 to 152.60): V

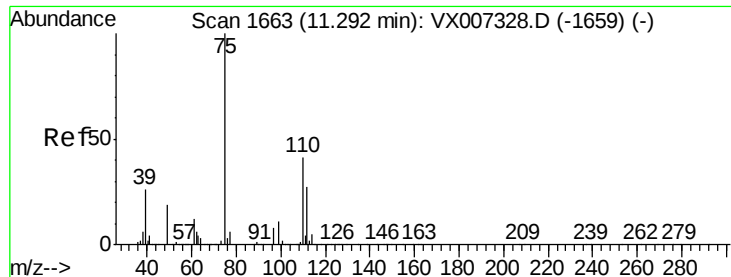
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 12.00 12.05 12.10 12.15





#76

1,2,3-Trichloropropane

Concen: 22.211 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.15 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

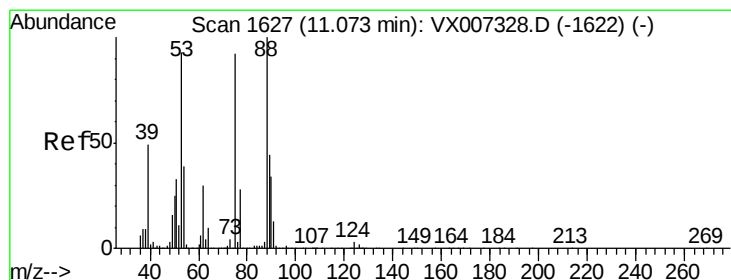
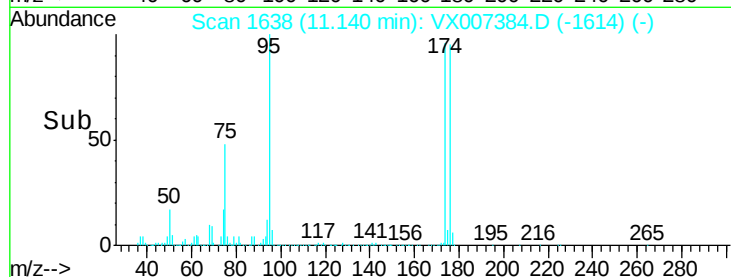
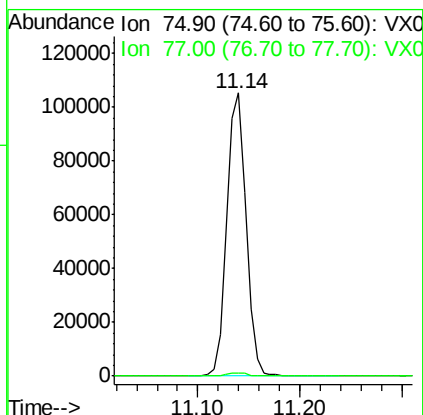
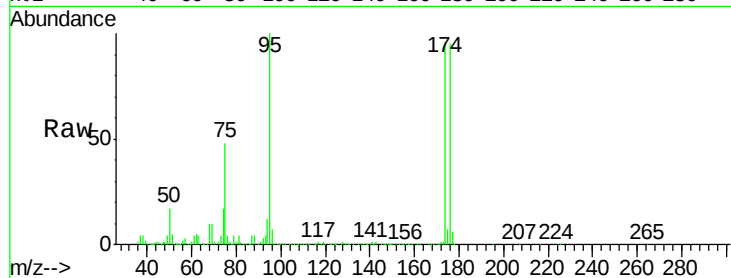
KY038PS027-190204

Tot Ion: 75 Resp: 137266

Ion Ratio Lower Upper

75 100

77 1.4 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.074 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

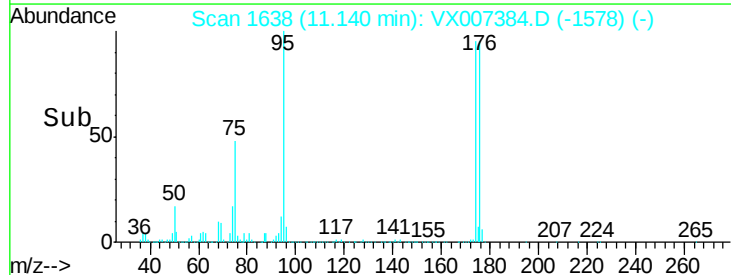
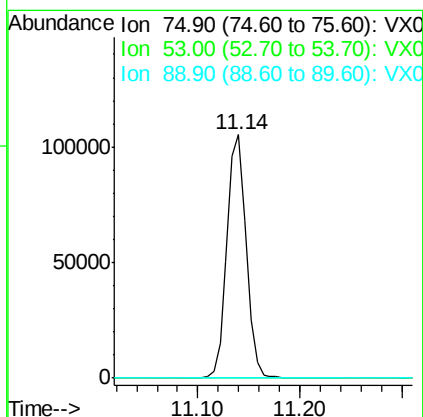
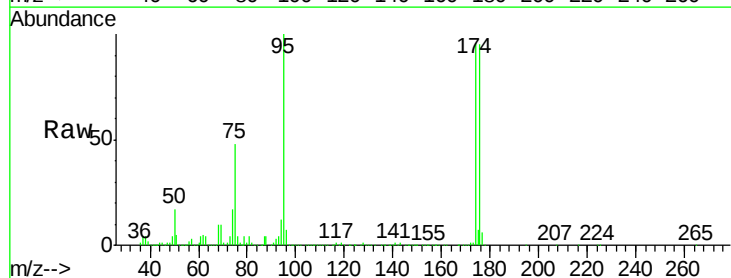
Tgt Ion: 75 Resp: 137266

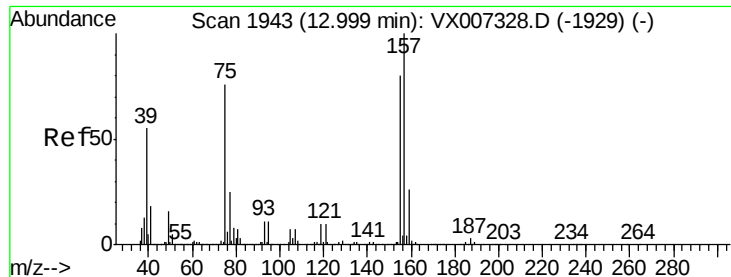
Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.0 41.4 62.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.232 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007384.D

Acq: 05 Feb 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190204

Tot Ion: 75 Resp: 318

Ion Ratio Lower Upper

75 100

155 19.2 49.6 149.0#

157 0.0 65.1 195.3#

