

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007419.D
 Acq On : 07 Feb 2019 12:29
 Operator : JC/SP
 Sample : K1392-08DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1DL

Quant Time: Feb 08 22:07:13 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	5.67	168	532951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	768045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	283682	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.51	113	263830	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.71	98	977615	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	354168	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	484	0.251	ug/l	98
4) Vinyl Chloride	1.41	62	11144	1.892	ug/l	98
5) Bromomethane	1.65	94	1569	Below Cal	#	73
11) Tert butyl alcohol	3.12	59	245	0.209	ug/l #	1
13) Acrolein	2.30	56	194	0.353	ug/l #	14
15) Acrylonitrile	3.15	53	1052	0.363	ug/l #	37
16) Acetone	2.45	43	4141	1.598	ug/l #	79
17) Carbon Disulfide	2.58	76	2278	2.285	ug/l #	75
18) Methyl Acetate	2.78	43	764	0.705	ug/l #	1
20) Methylene Chloride	2.86	84	1516	Below Cal	#	61
21) trans-1,2-Dichloroethene	3.17	96	3581	0.661	ug/l #	76
27) cis-1,2-Dichloroethene	4.60	96	296485	50.076	ug/l	90
36) 1,1-Dichloropropene	5.67	75	34022	4.616	ug/l #	49
38) Carbon Tetrachloride	5.66	117	47745	6.677	ug/l #	16
39) Methylcyclohexane	7.46	83	2765	0.310	ug/l #	86
40) Benzene	6.15	78	6808	0.314	ug/l	95
49) 1,4-Dioxane	7.76	88	117	7.767	ug/l #	1
52) Toluene	8.79	92	119605	8.538	ug/l	98
67) Ethyl Benzene	10.25	91	44741	1.658	ug/l	99
68) m/p-Xylenes	10.36	106	119506	11.139	ug/l	99
69) o-Xylene	10.69	106	75163	7.280	ug/l	99
70) Styrene	10.70	104	4408	0.263	ug/l #	1
71) Bromoform	10.86	173	90	4.046	ug/l #	29
73) Isopropylbenzene	11.02	105	5467	0.209	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	169556	22.596	ug/l #	33
78) n-propylbenzene	11.36	91	13530	0.471	ug/l	96
79) 2-Chlorotoluene	11.43	91	20413	1.170	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.51	105	121119	5.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	169556	68.165	ug/l #	9
82) 4-Chlorotoluene	11.51	91	13402	0.664	ug/l #	47
83) tert-Butylbenzene	11.77	119	8697	0.410	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	186922	8.585	ug/l	100
85) sec-Butylbenzene	11.80	105	186922	7.273	ug/l #	55
86) p-Isopropyltoluene	12.06	119	14178	0.611	ug/l	87

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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

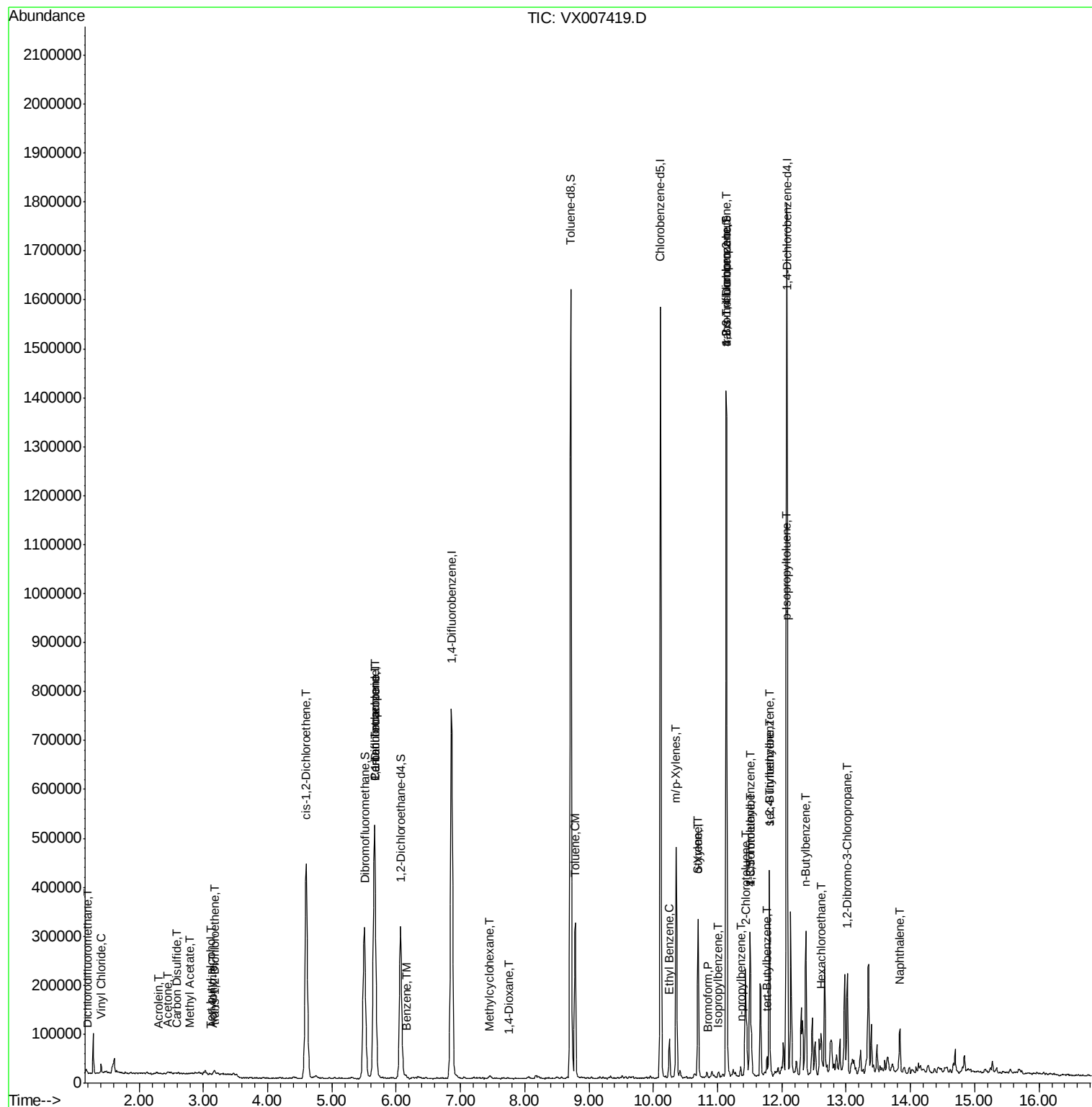
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	23858	1.195	ug/l #	1
90) Hexachloroethane	12.61	117	3175	0.914	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	968	0.583	ug/l #	1
95) Naphthalene	13.83	128	58498	2.248	ug/l	97

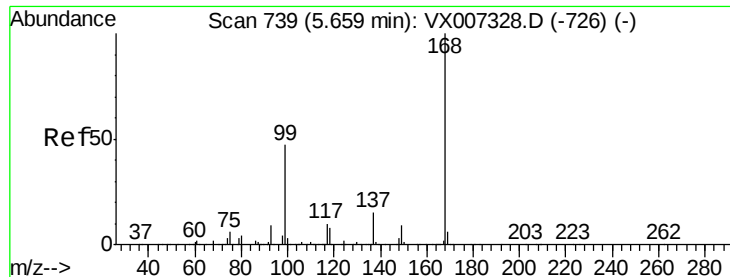
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

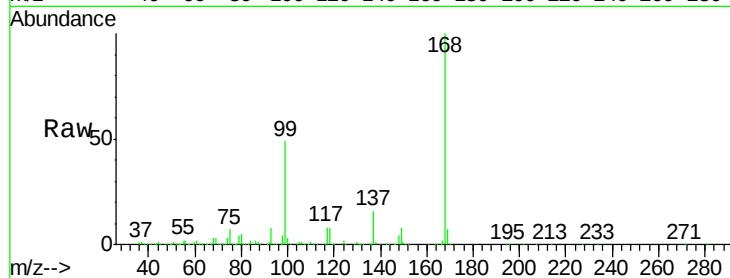
DUP-1DL

Tot Ion:168 Resp: 532951

Ion Ratio Lower Upper

168 100

99 48.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

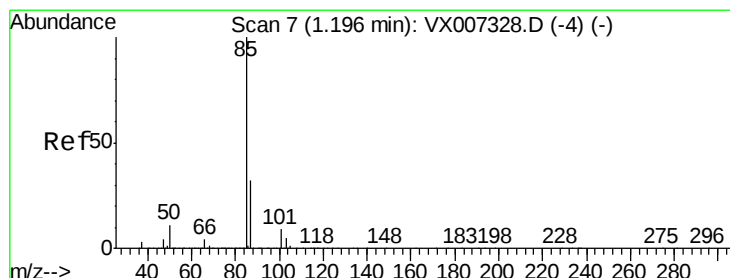
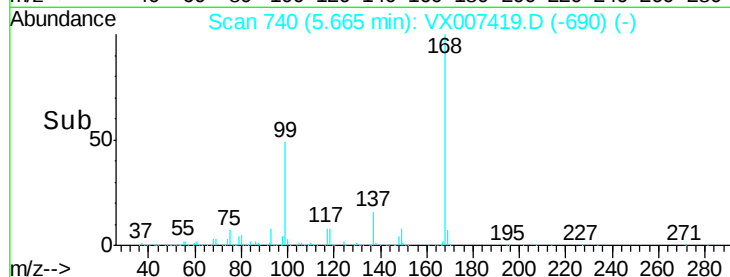
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.251 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007419.D

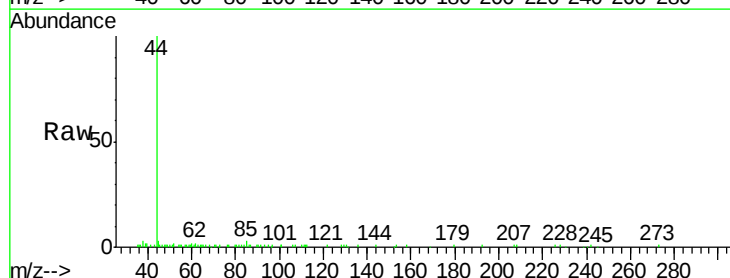
Acq: 07 Feb 2019 12:29

Tgt Ion: 85 Resp: 484

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300

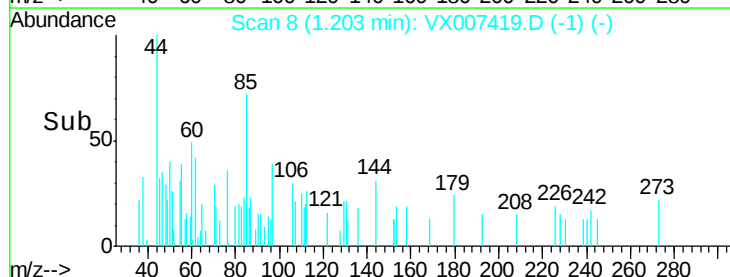
200

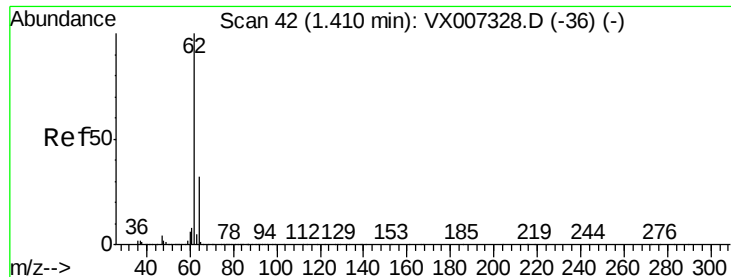
100

0

1.15 1.20 1.25

Time-->





#4

Vinyl Chloride

Concen: 1.892 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

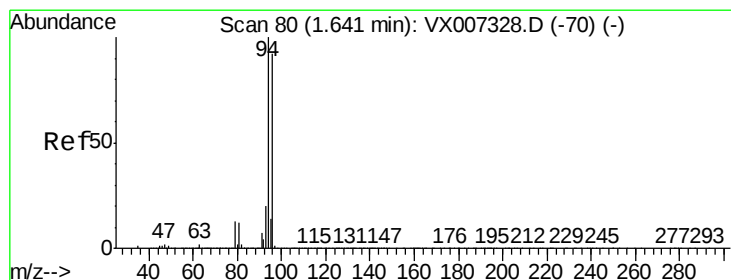
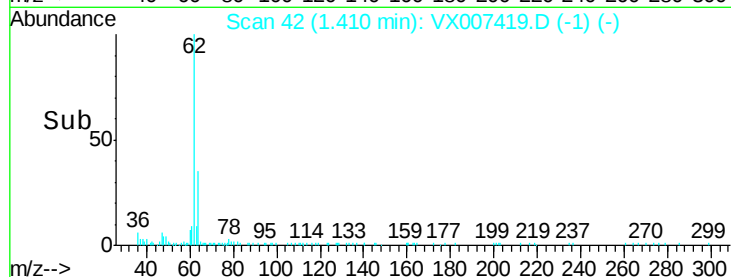
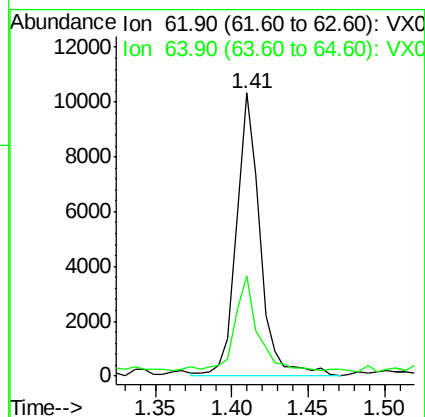
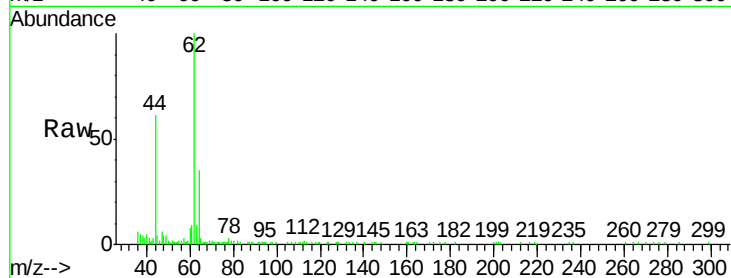
DUP-1DL

Tot Ion: 62 Resp: 11144

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007419.D

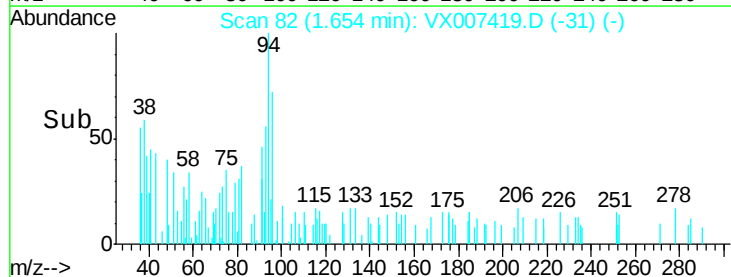
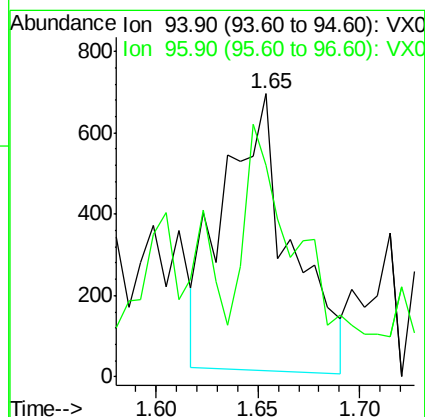
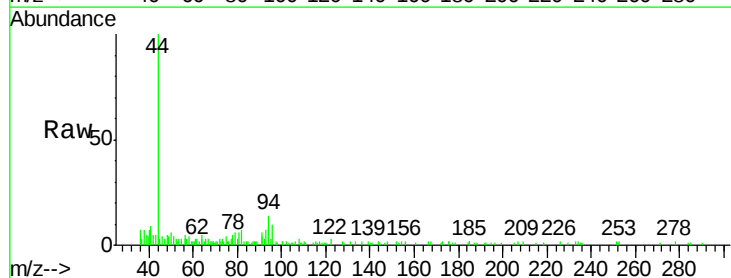
Acq: 07 Feb 2019 12:29

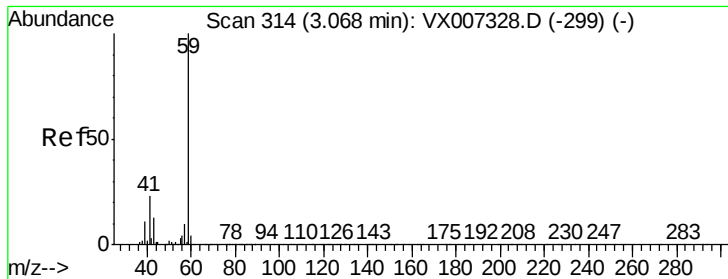
Tgt Ion: 94 Resp: 1569

Ion Ratio Lower Upper

94 100

96 66.7 73.9 110.9#



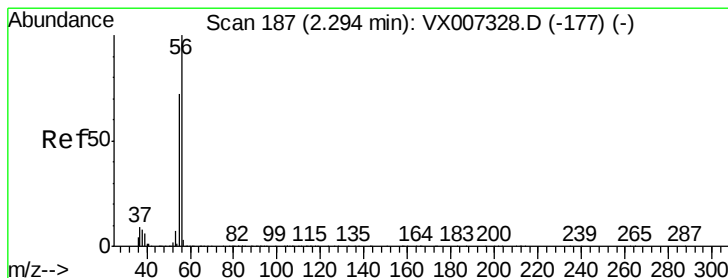
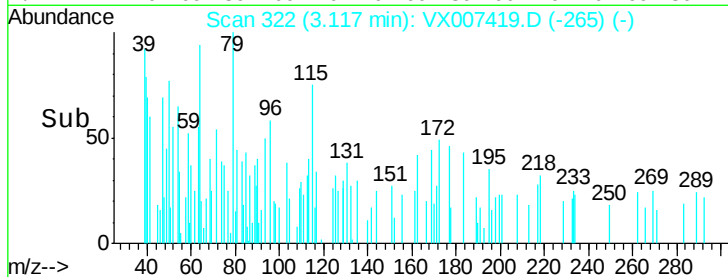
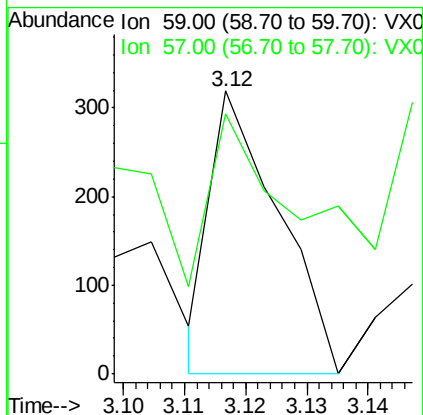
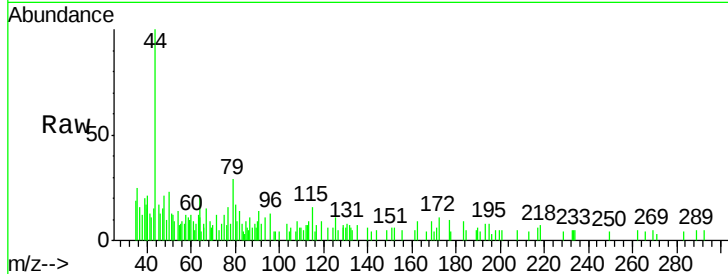


#11

Tert butyl alcohol
Concen: 0.209 ug/l
RT: 3.12 min Scan# 322
Delta R.T. 0.05 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Instrument :
MSVOA_X
ClientSampled :
DUP-1DL

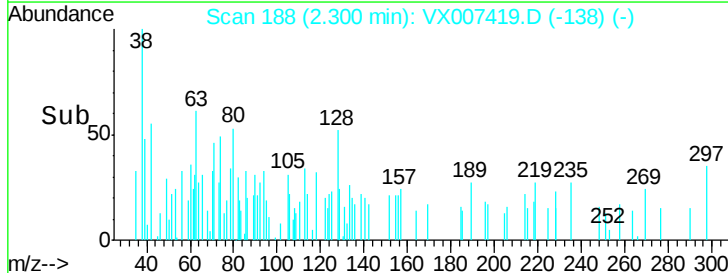
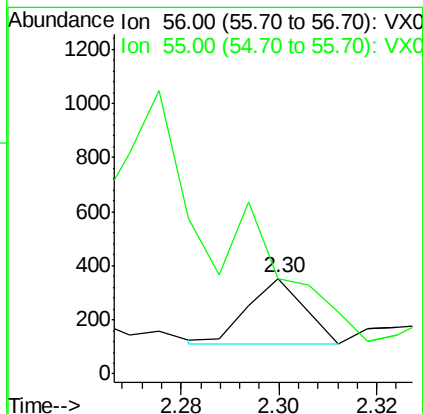
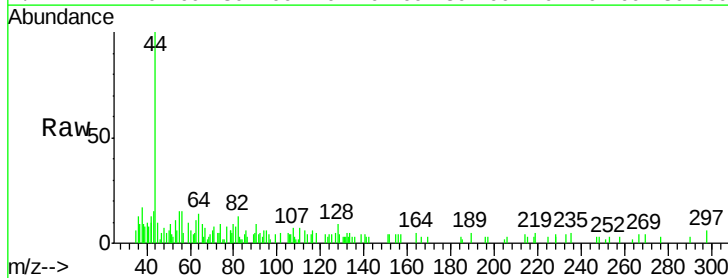
Tot Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 56.7 8.1 12.1#

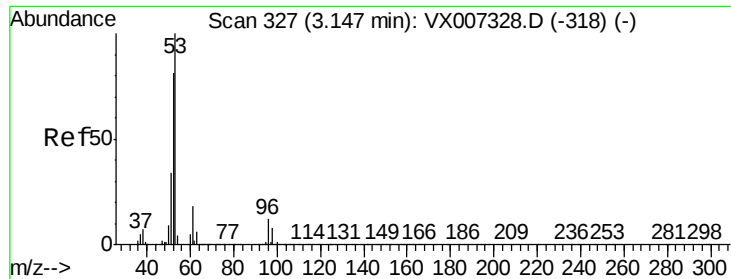


#13

Acrolein
Concen: 0.353 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.363 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

DUP-1DL

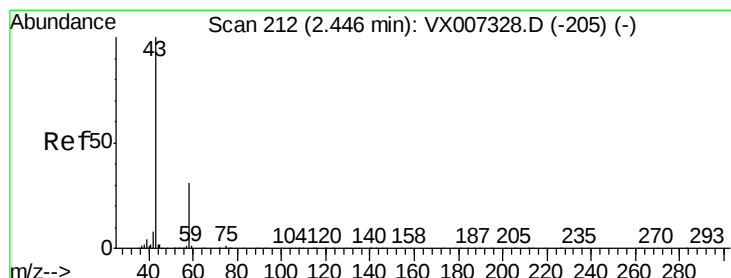
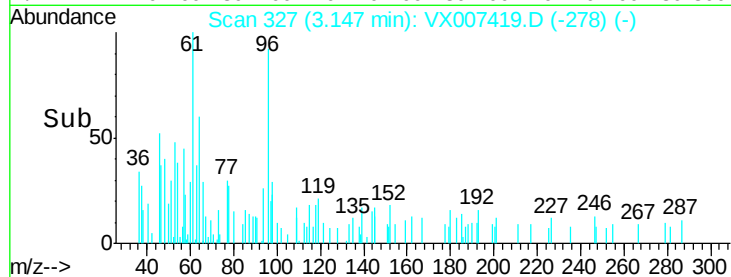
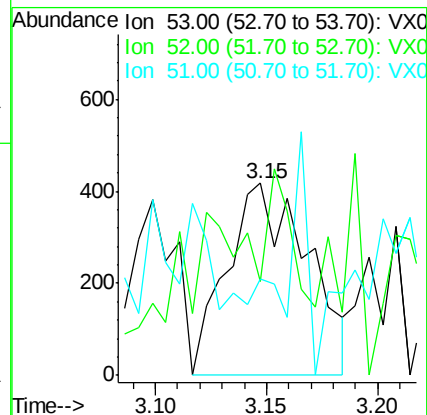
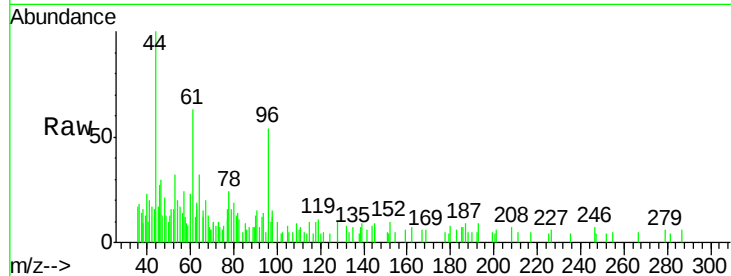
Tot Ion: 53 Resp: 1052

Ion Ratio Lower Upper

53 100

52 25.3 66.4 99.6#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 1.598 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007419.D

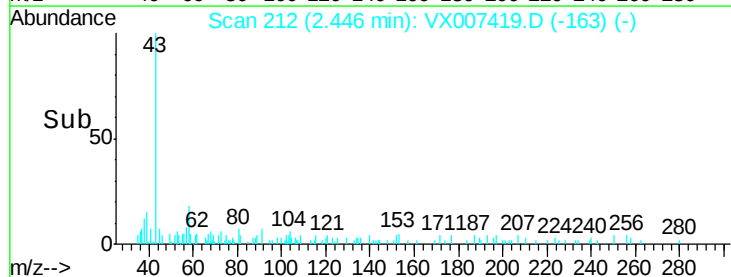
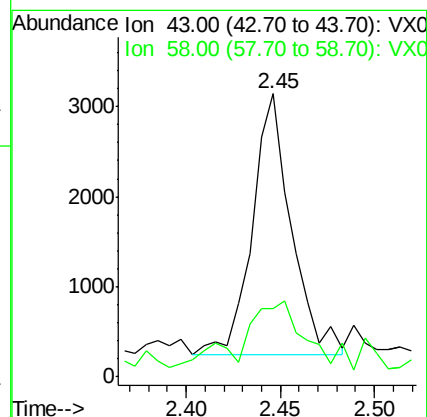
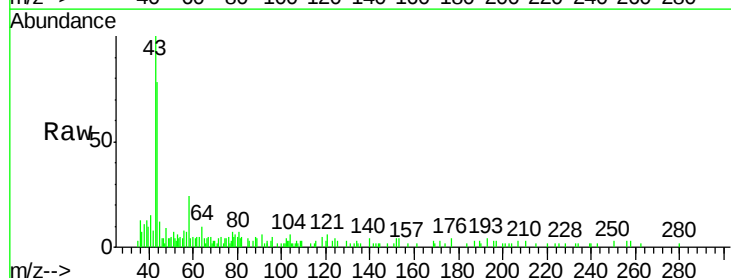
Acq: 07 Feb 2019 12:29

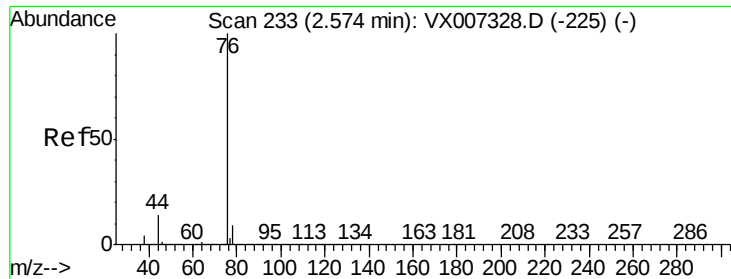
Tgt Ion: 43 Resp: 4141

Ion Ratio Lower Upper

43 100

58 19.7 24.9 37.3#

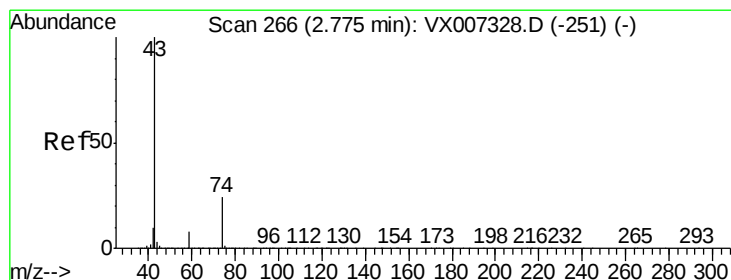
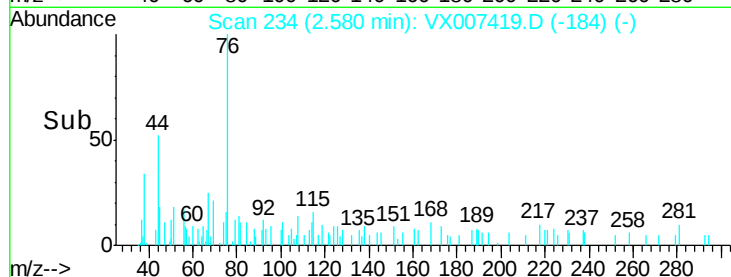
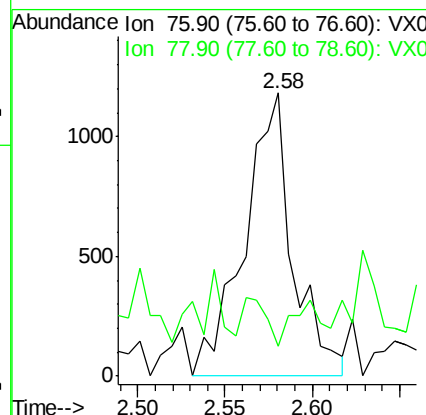
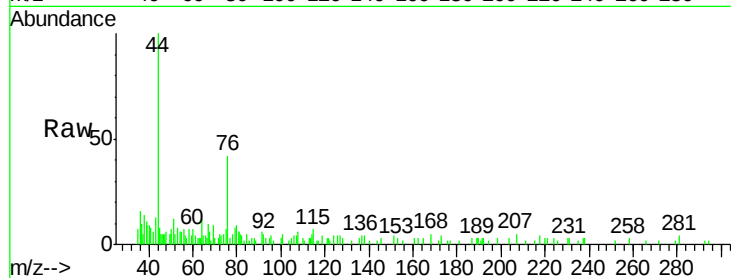




#17
Carbon Disulfide
Concen: 2.285 ug/l
RT: 2.58 min Scan# 234
Delta R.T. 0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

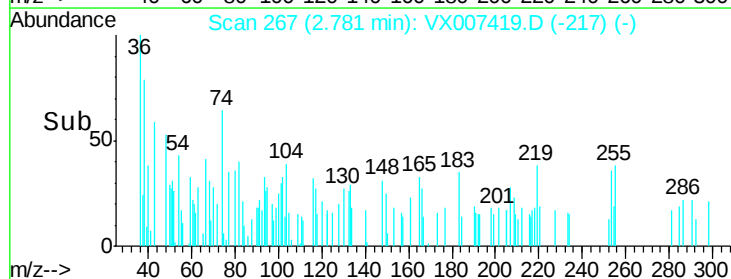
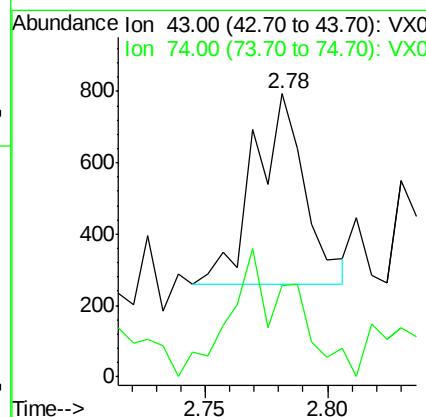
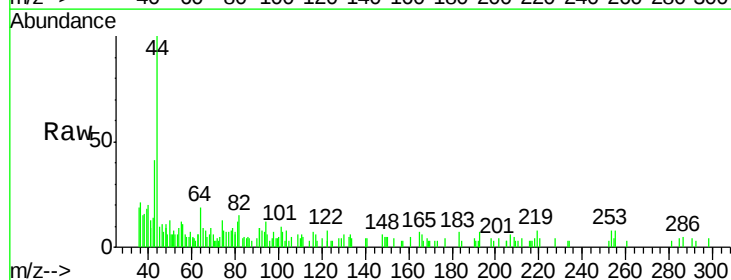
Instrument :
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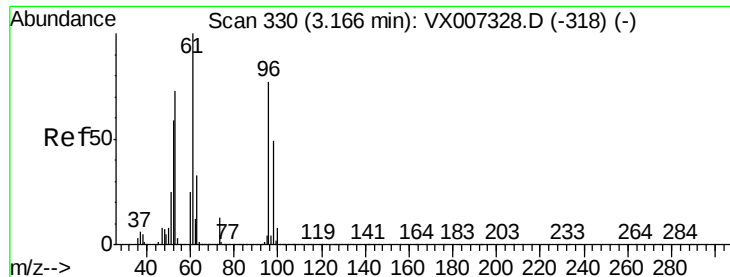
Tot Ion: 76 Resp: 2278
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.705 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
74 82.5 19.4 29.2#





#21

trans-1,2-Dichloroethene

Concen: 0.661 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-1DL

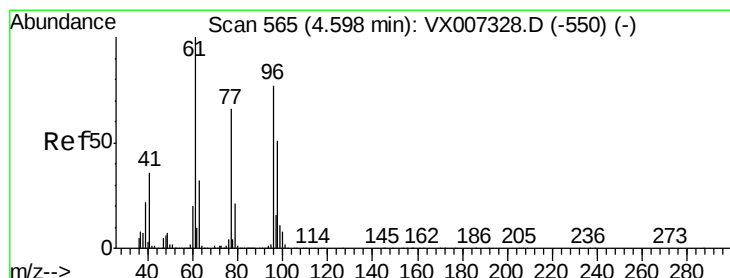
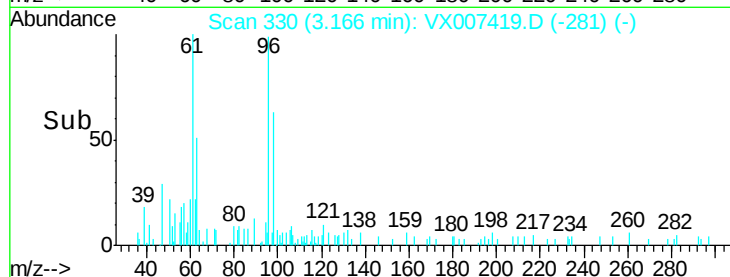
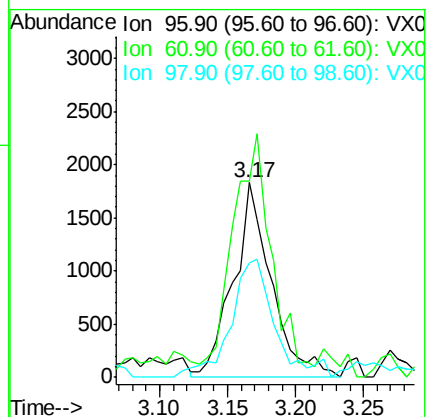
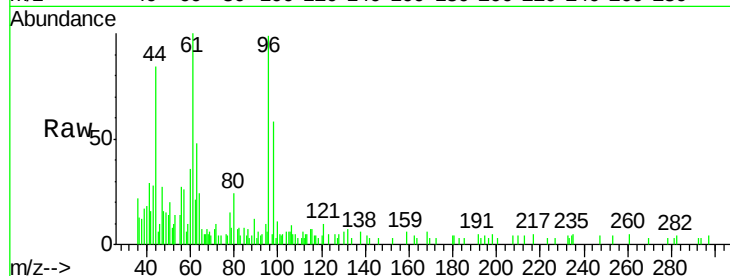
Tot Ion: 96 Resp: 3581

Ion Ratio Lower Upper

96 100

61 95.2 104.6 156.8#

98 55.3 51.0 76.4



#27

cis-1,2-Dichloroethene

Concen: 50.076 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

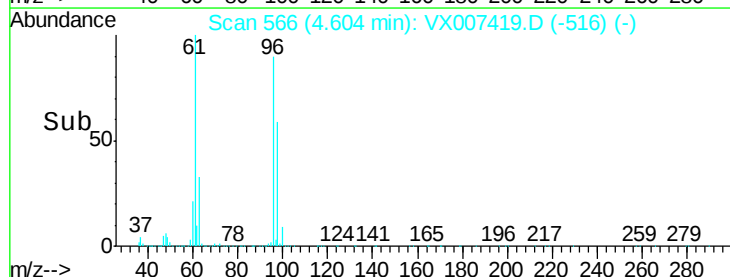
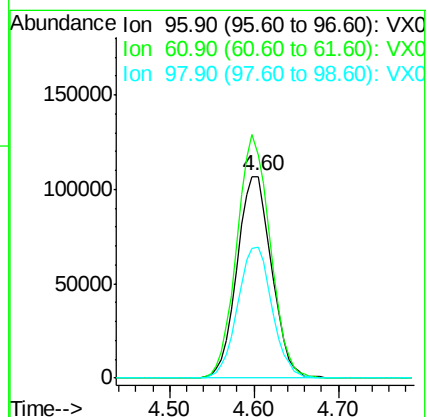
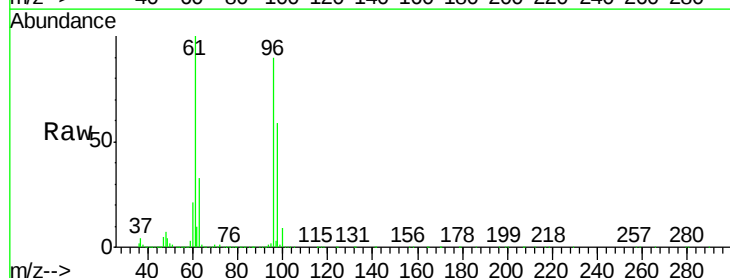
Tgt Ion: 96 Resp: 296485

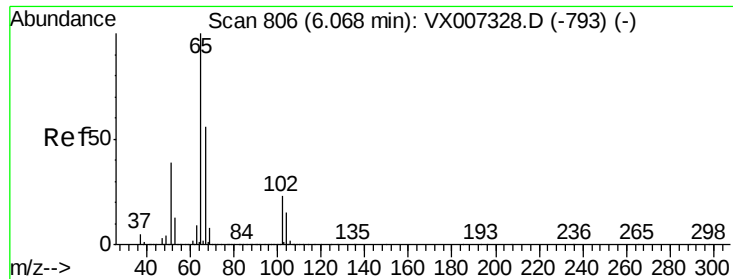
Ion Ratio Lower Upper

96 100

61 116.3 0.0 265.6

98 64.9 0.0 131.6

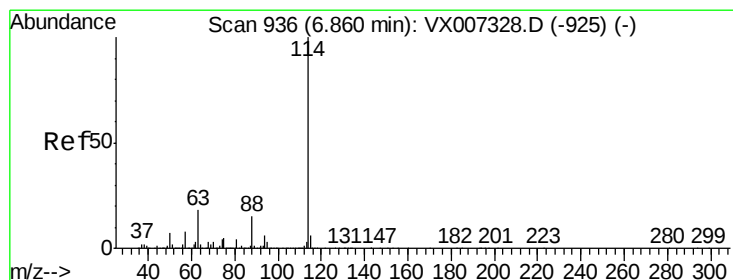
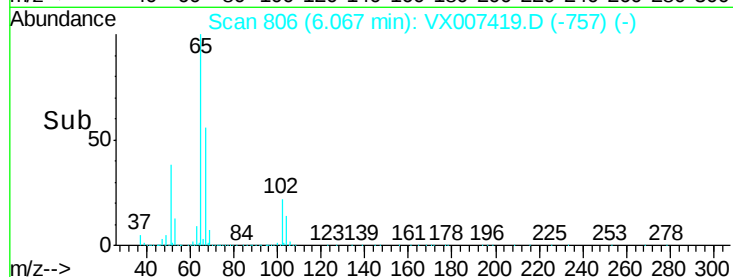
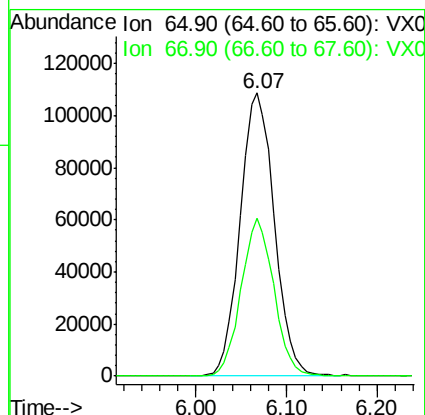
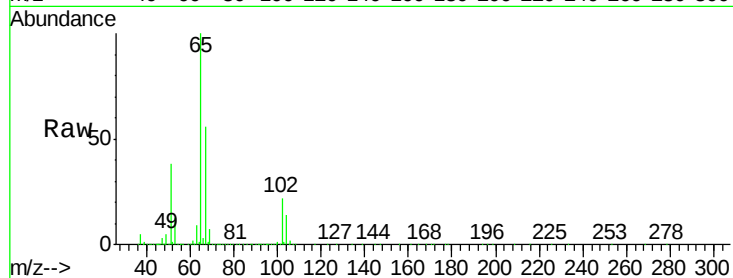




#33
 1,2-Dichloroethane-d4
 Concen: 50.148 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007419.D
 Acq: 07 Feb 2019 12:29

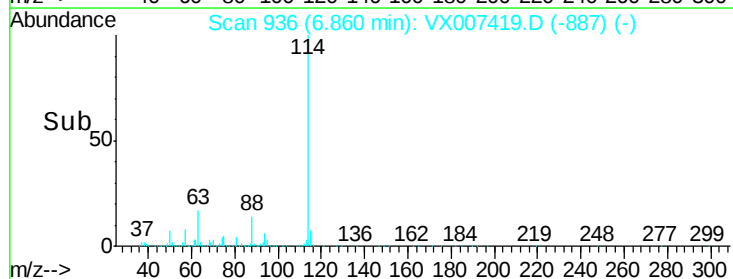
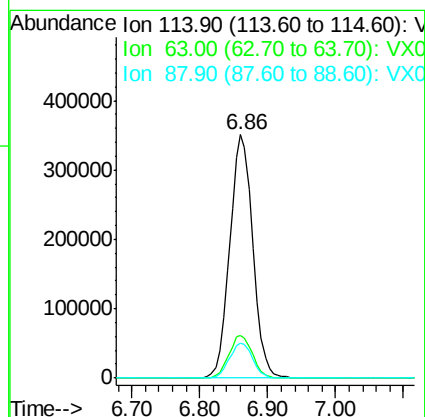
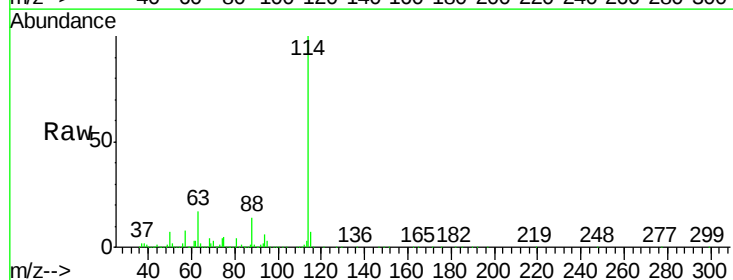
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1DL

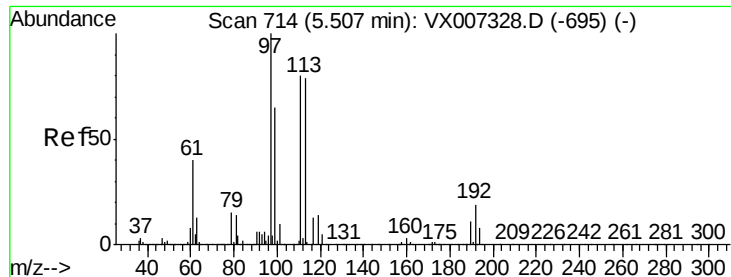
Tot Ion: 65 Resp: 283682
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007419.D
 Acq: 07 Feb 2019 12:29

Tgt Ion: 114 Resp: 821472
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.360 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampled :

DUP-1DL

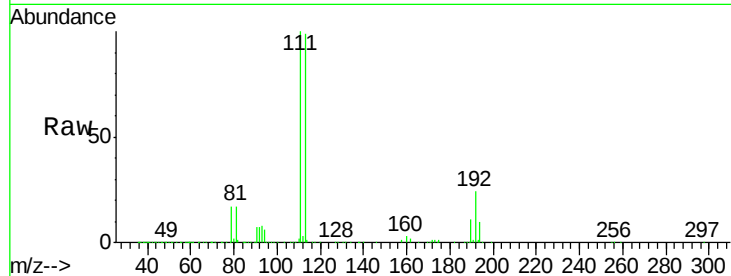
Tot Ion:113 Resp: 263830

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.8

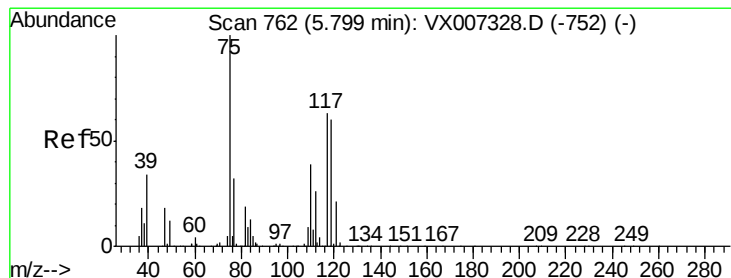
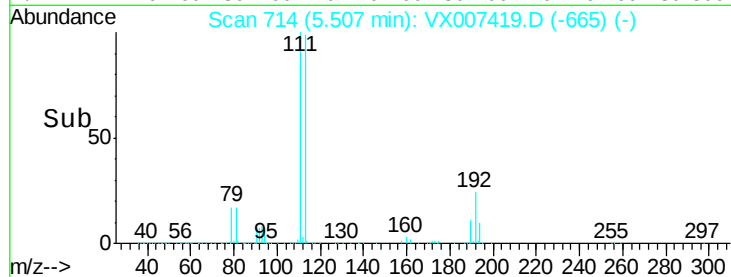
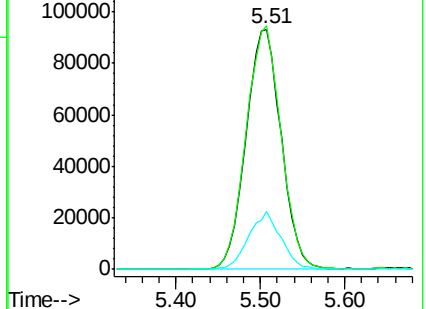
192 22.3 18.5 27.7



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: 4.616 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

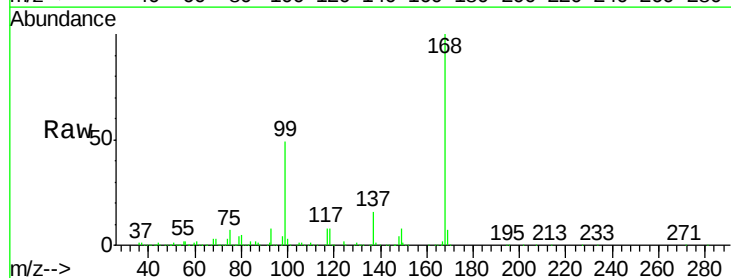
Tgt Ion: 75 Resp: 34022

Ion Ratio Lower Upper

75 100

110 10.7 20.0 59.9#

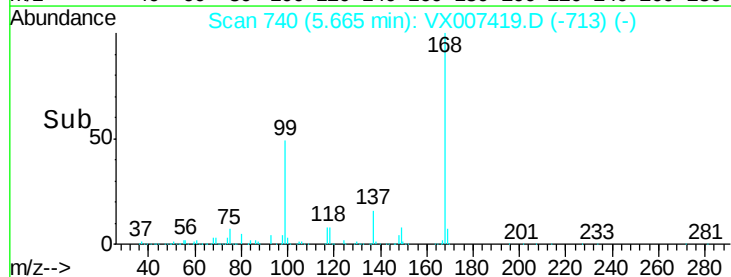
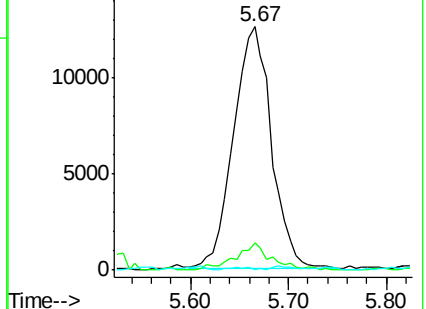
77 0.8 24.7 37.1#

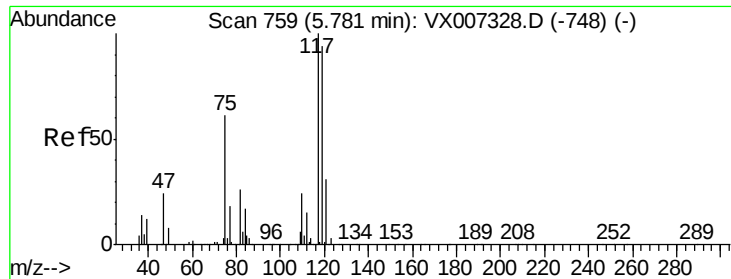


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.677 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-1DL

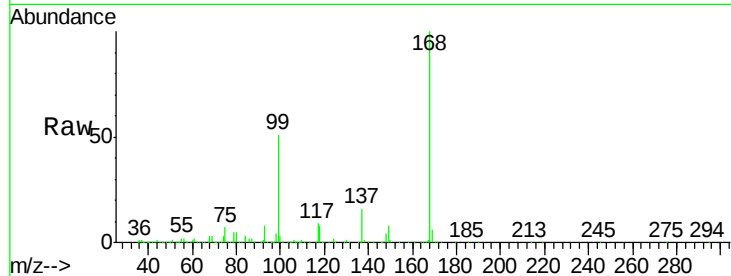
Tot Ion:117 Resp: 47745

Ion Ratio Lower Upper

117 100

119 4.7 75.3 112.9#

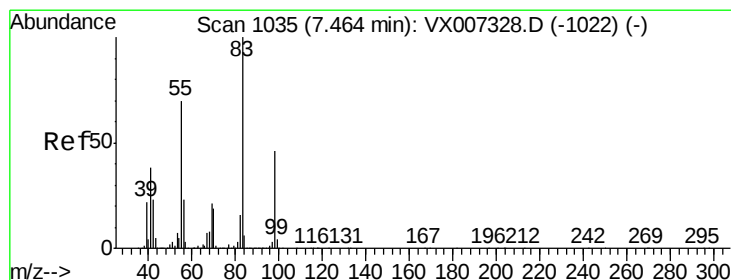
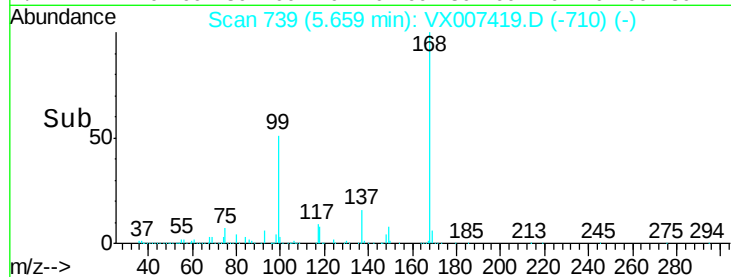
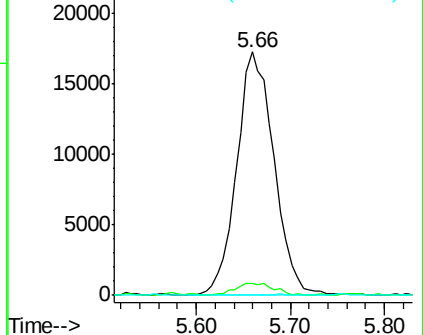
121 0.0 25.0 37.4#



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



#39

Methylcyclohexane

Concen: 0.310 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

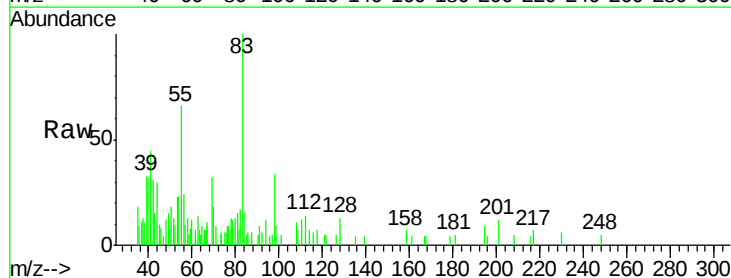
Tgt Ion: 83 Resp: 2765

Ion Ratio Lower Upper

83 100

55 66.3 56.2 84.2

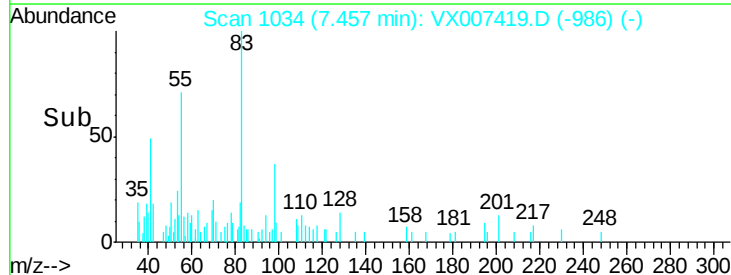
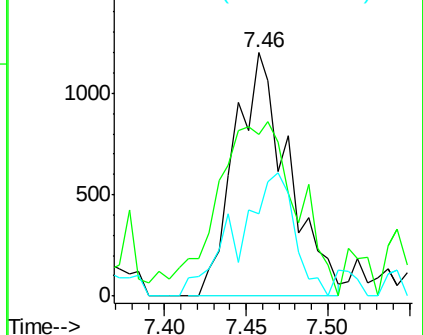
98 26.7 36.8 55.2#

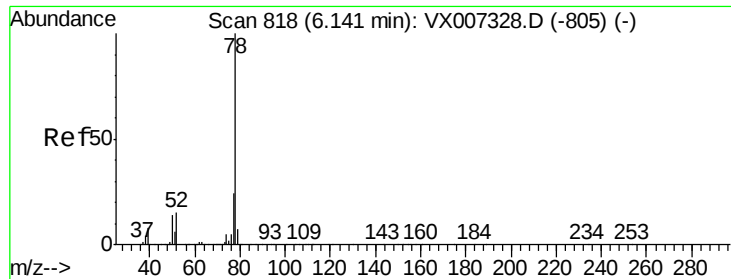


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.314 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

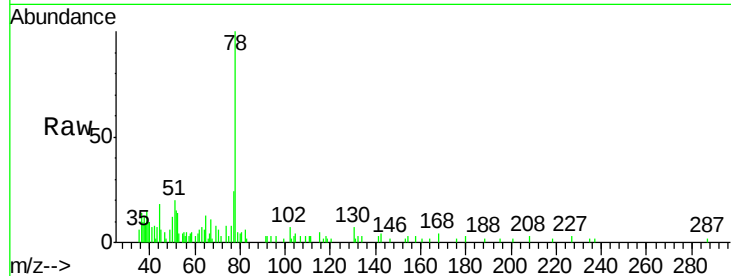
DUP-1DL

Tot Ion: 78 Resp: 6808

Ion Ratio Lower Upper

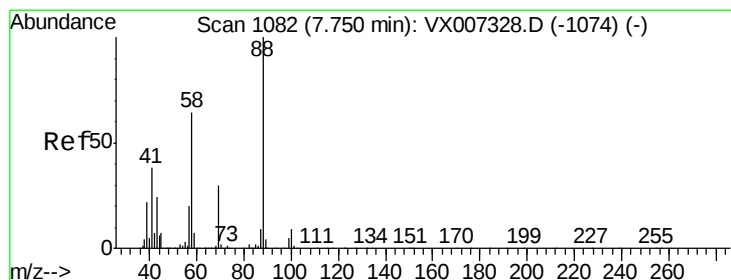
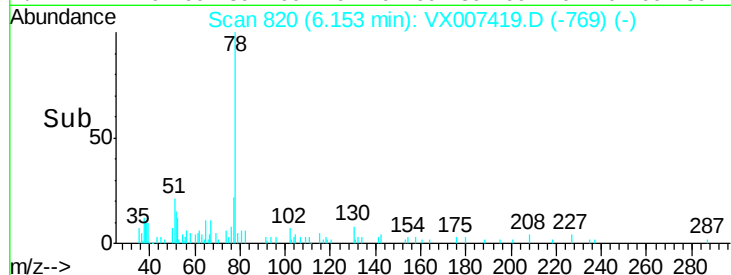
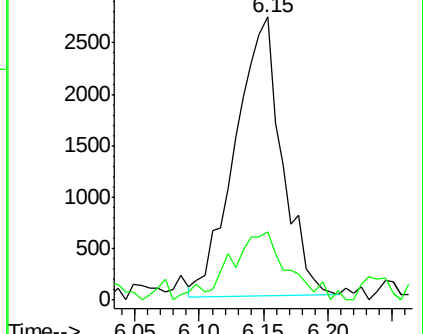
78 100

77 21.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 7.767 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

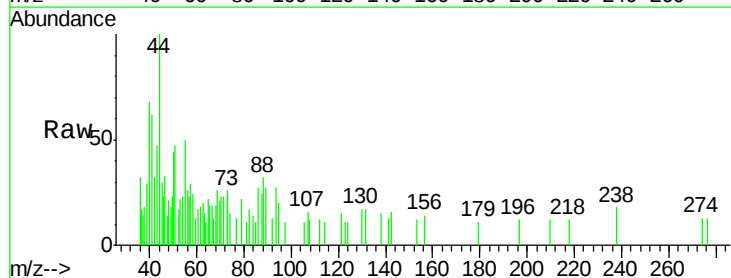
Tgt Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

43 0.0 24.2 36.4#

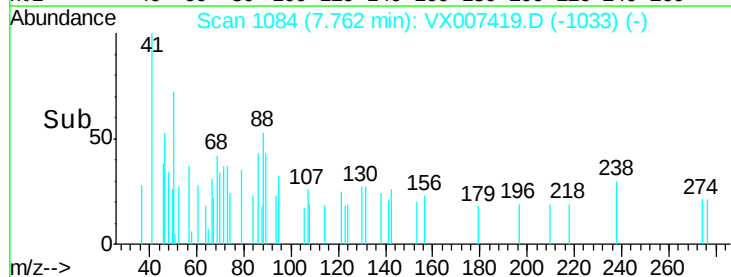
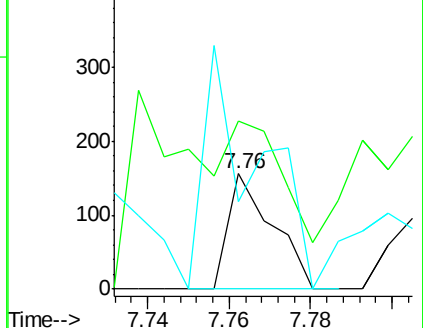
58 277.8 53.0 79.4#

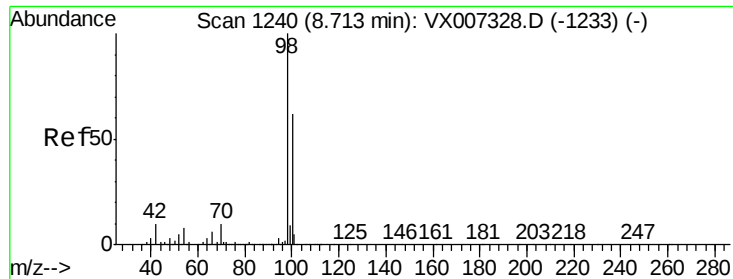


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

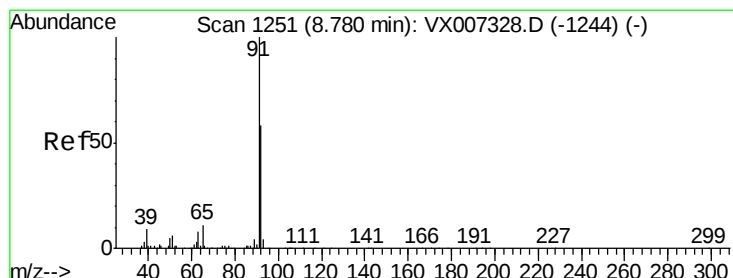
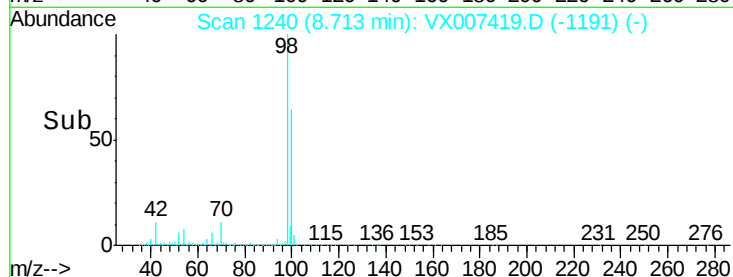
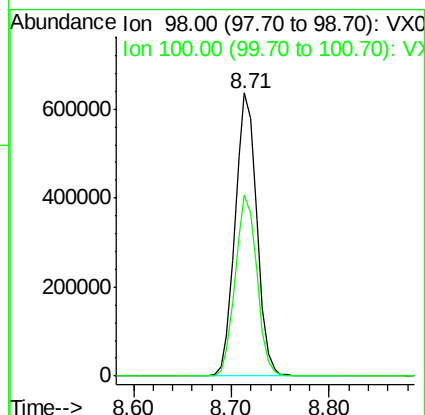
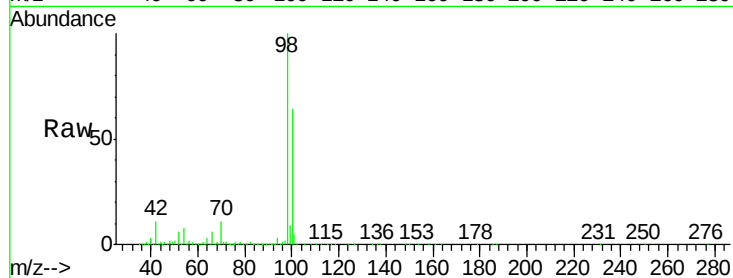




#50
Toluene-d8
Concen: 49.297 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

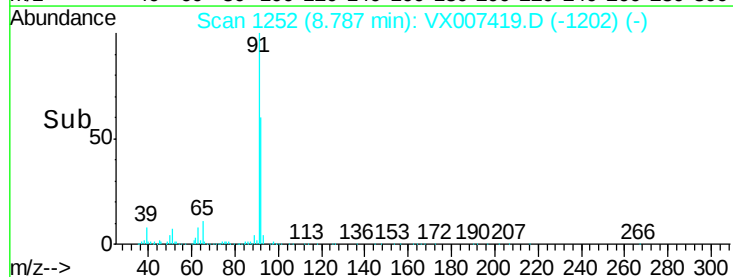
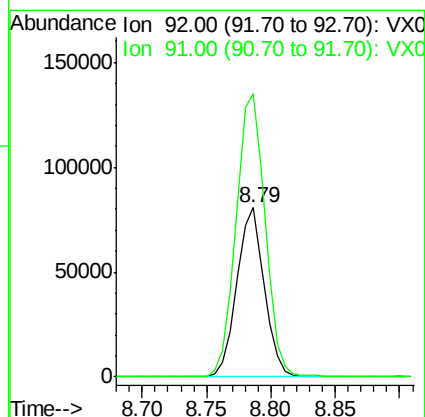
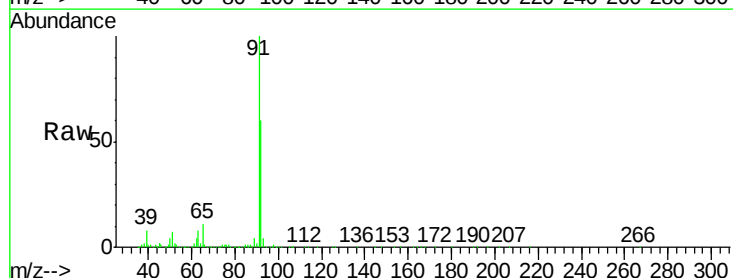
Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

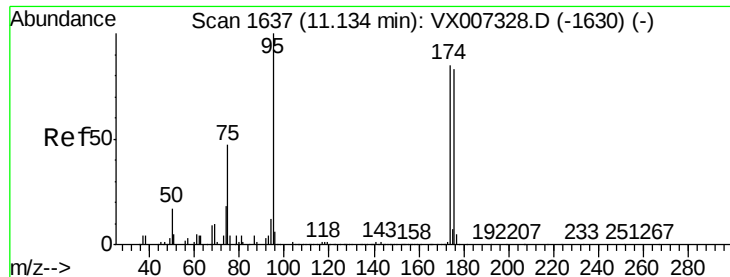
Tot Ion: 98 Resp: 977615
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#52
Toluene
Concen: 8.538 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion: 92 Resp: 119605
Ion Ratio Lower Upper
92 100
91 177.1 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 48.916 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-1DL

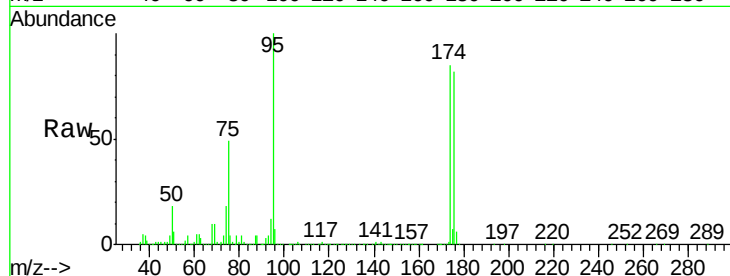
Tot Ion: 95 Resp: 354168

Ion Ratio Lower Upper

95 100

174 93.0 0.0 189.2

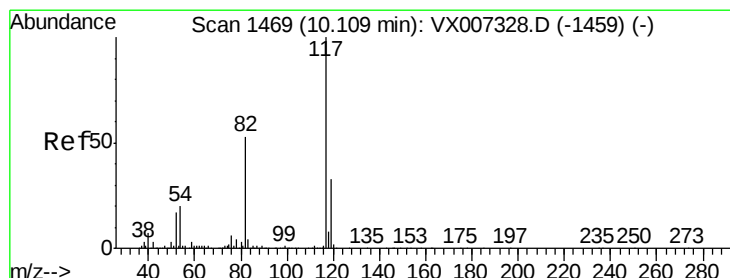
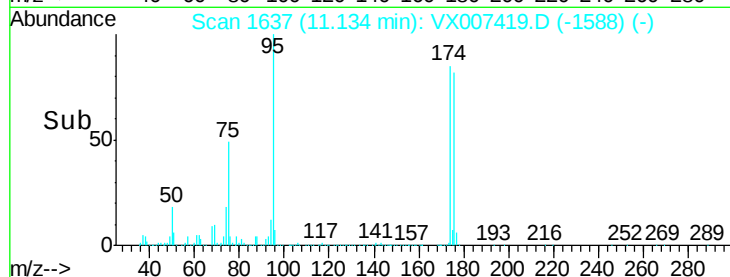
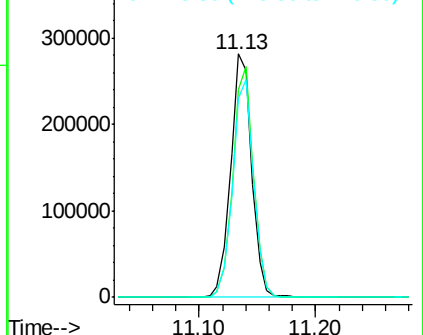
176 89.3 0.0 186.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

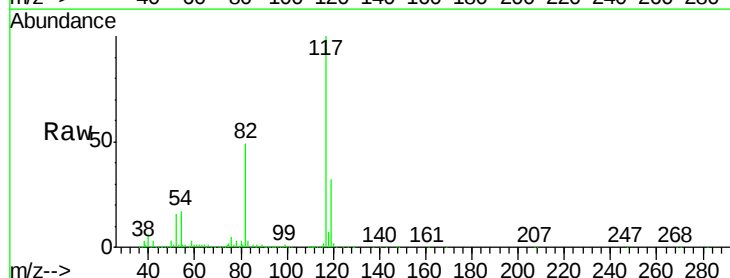
Tgt Ion: 117 Resp: 768045

Ion Ratio Lower Upper

117 100

82 49.4 42.1 63.1

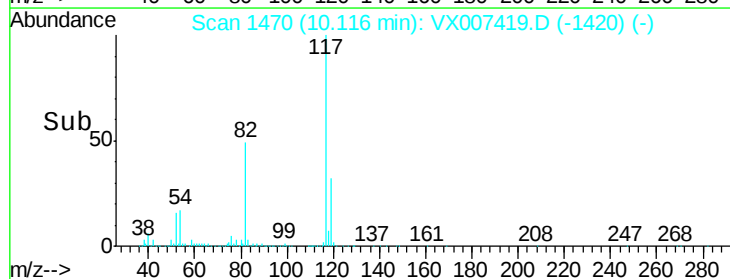
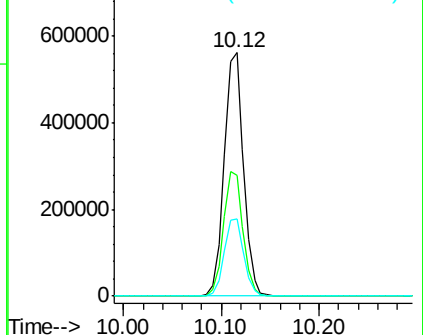
119 31.9 26.5 39.7

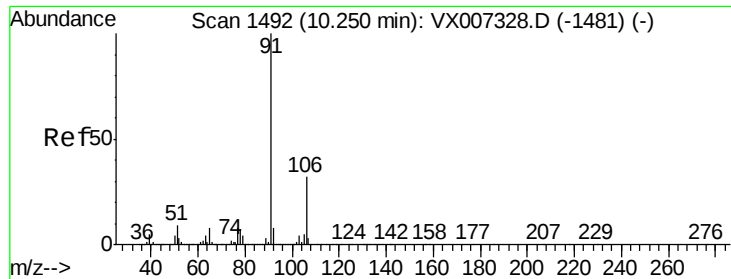


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

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

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

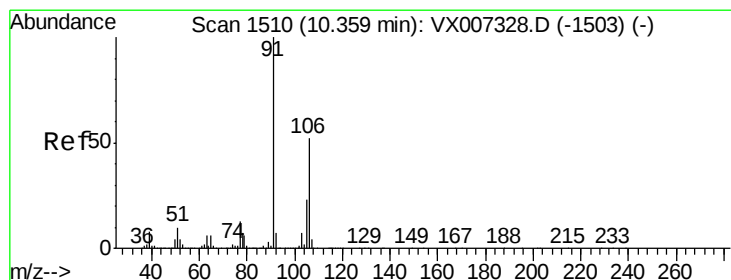
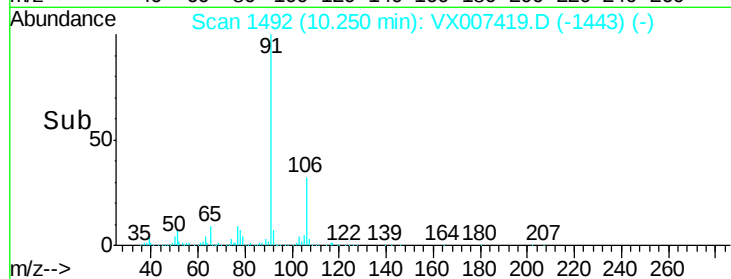
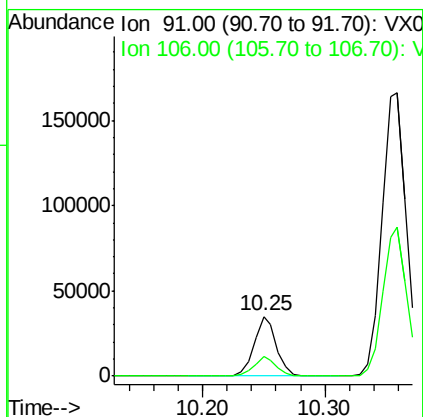
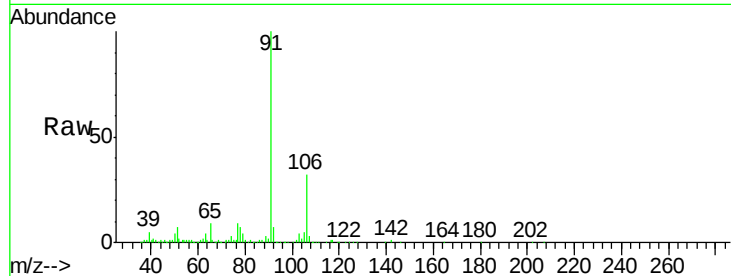




#67
Ethyl Benzene
Concen: 1.658 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

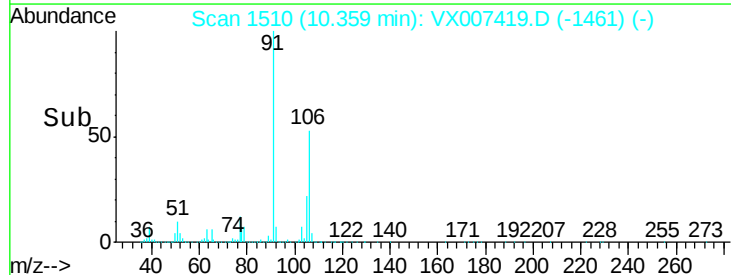
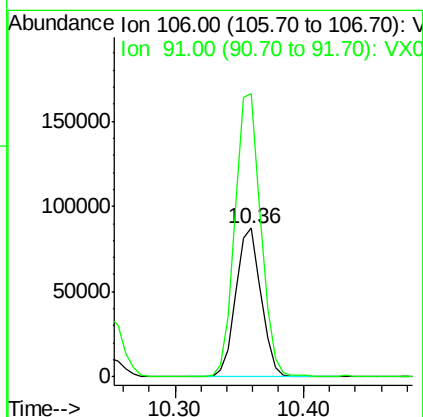
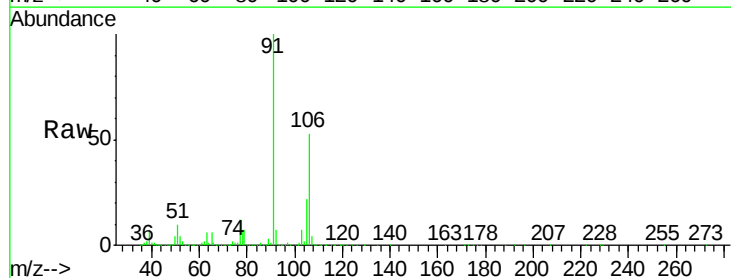
Instrument :
MSVOA_X
ClientSampled :
DUP-1DL

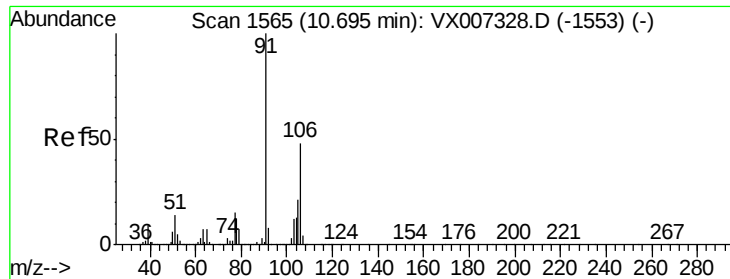
Tot Ion: 91 Resp: 44741
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0



#68
m/p-Xylenes
Concen: 11.139 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion: 106 Resp: 119506
Ion Ratio Lower Upper
106 100
91 194.5 156.6 234.8

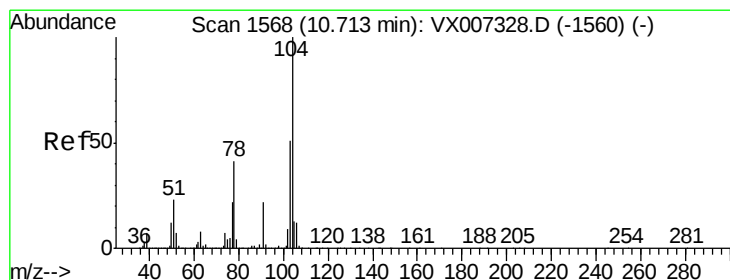
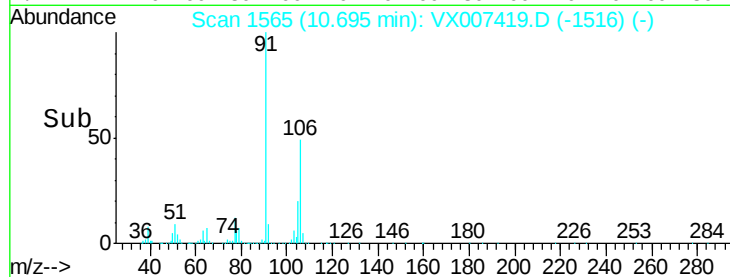
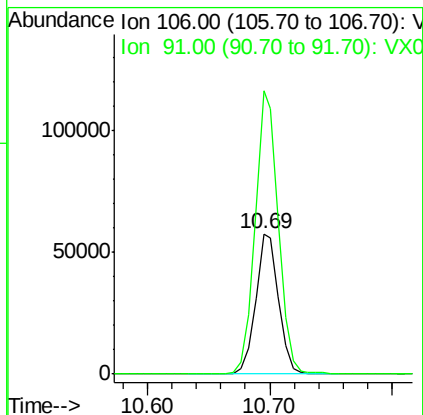
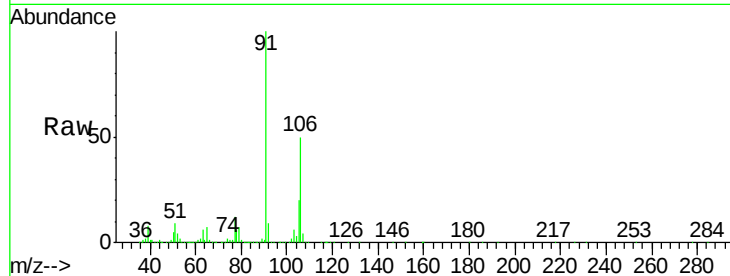




#69
o-Xylene
Concen: 7.280 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

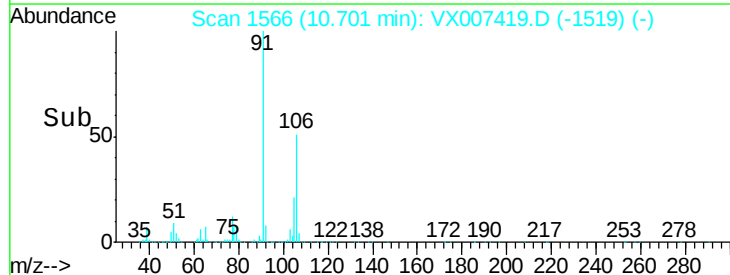
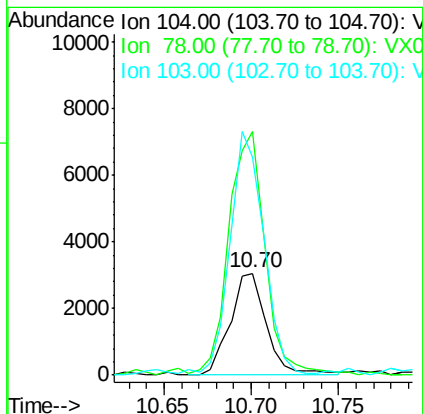
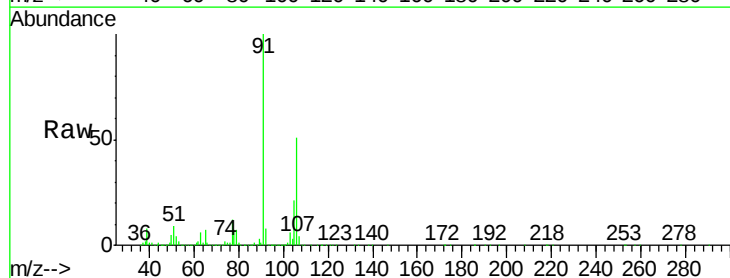
Instrument :
MSVOA_X
ClientSampled :
DUP-1DL

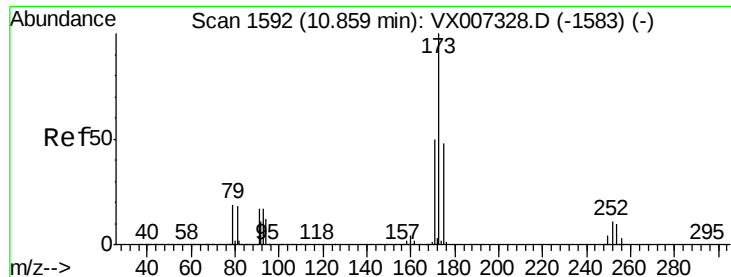
Tot Ion:106 Resp: 75163
Ion Ratio Lower Upper
106 100
91 203.5 102.9 308.7



#70
Styrene
Concen: 0.263 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion:104 Resp: 4408
Ion Ratio Lower Upper
104 100
78 243.4 38.3 57.5#
103 218.2 44.6 67.0#





#71

Bromoform

Concen: 4.046 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-1DL

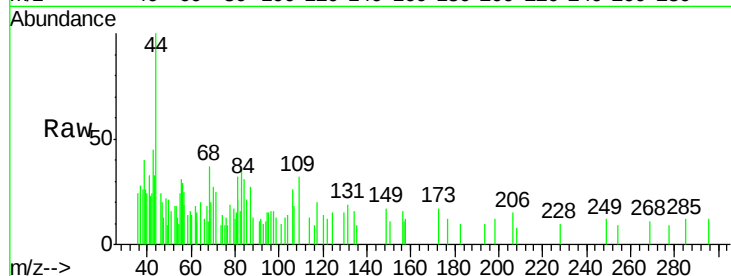
Tot Ion:173 Resp: 90

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

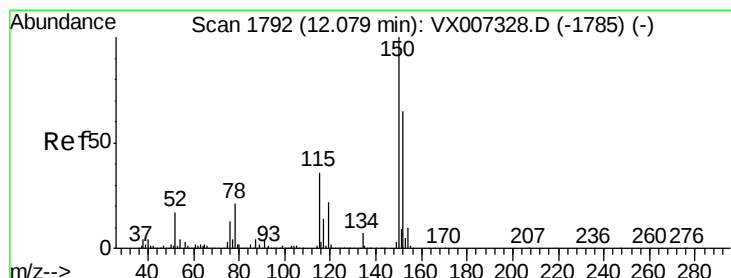
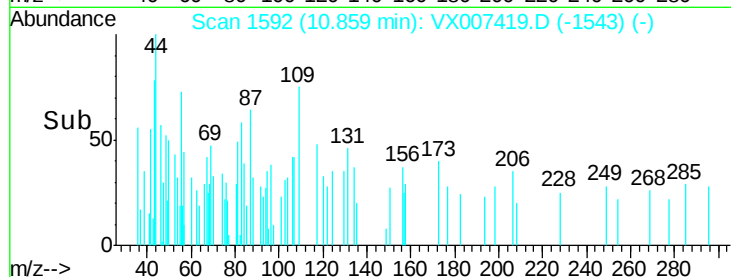
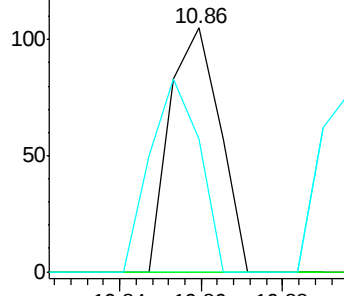
254 77.8 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

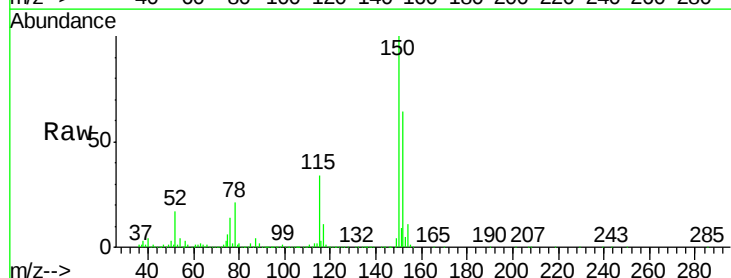
Tgt Ion:152 Resp: 385772

Ion Ratio Lower Upper

152 100

115 53.9 38.0 114.0

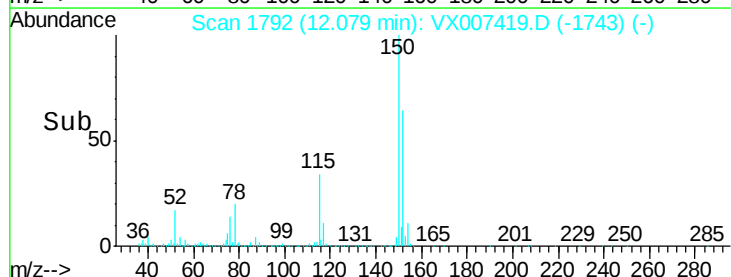
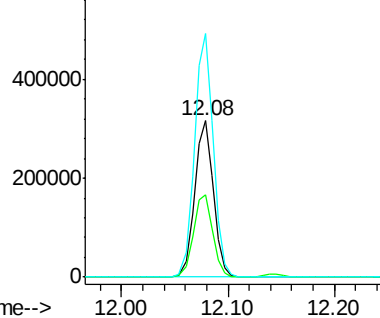
150 156.1 0.0 346.4

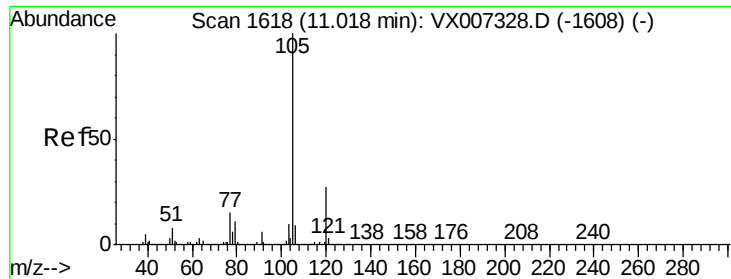


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.209 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

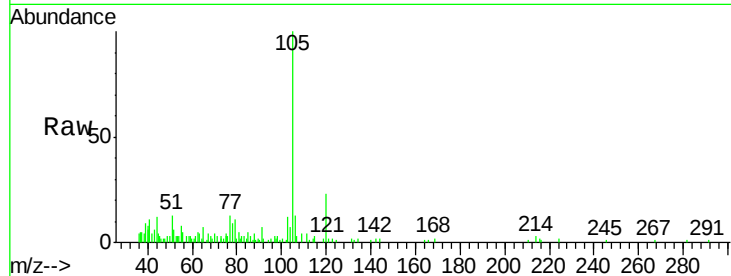
DUP-1DL

Tot Ion:105 Resp: 5467

Ion Ratio Lower Upper

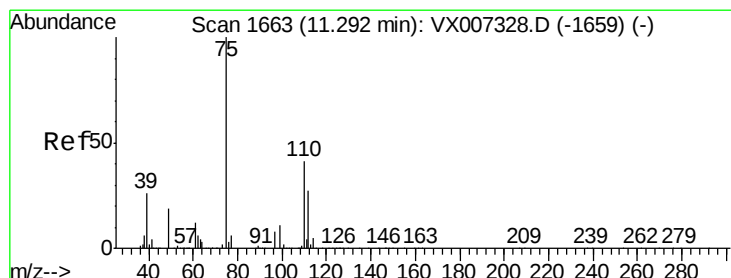
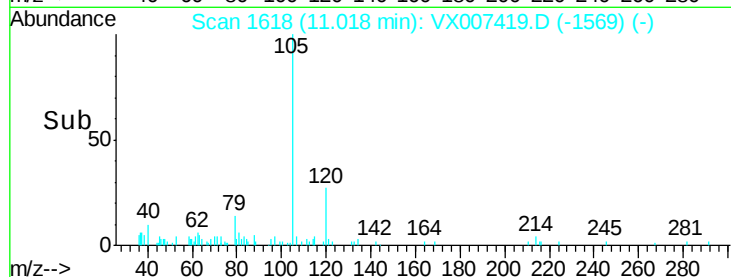
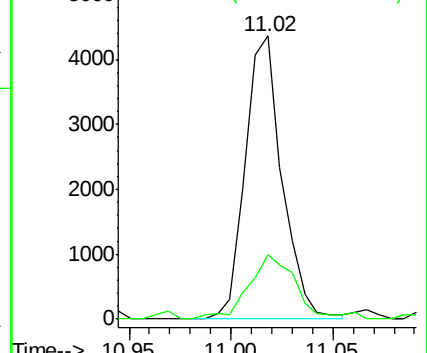
105 100

120 29.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 22.596 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007419.D

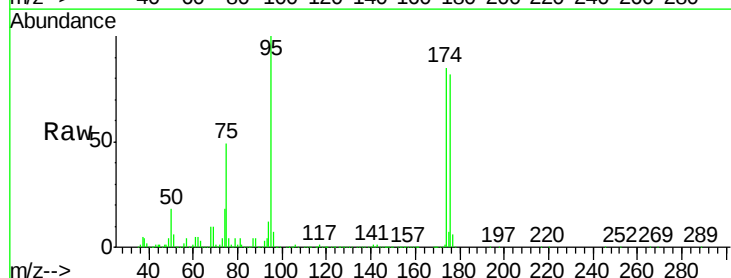
Acq: 07 Feb 2019 12:29

Tgt Ion: 75 Resp: 169556

Ion Ratio Lower Upper

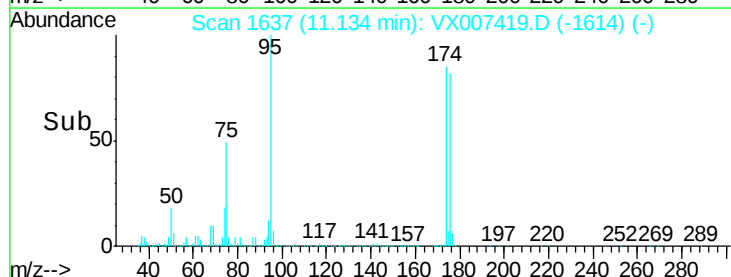
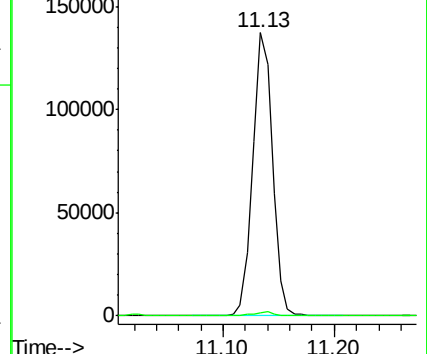
75 100

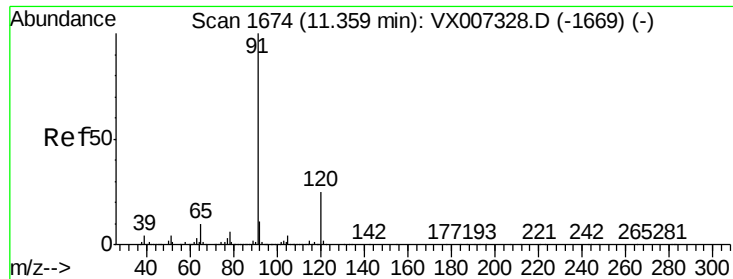
77 1.5 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.471 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

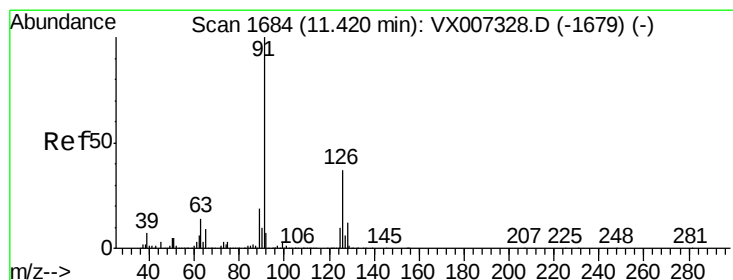
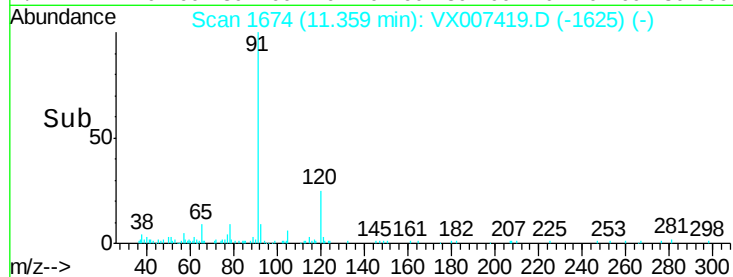
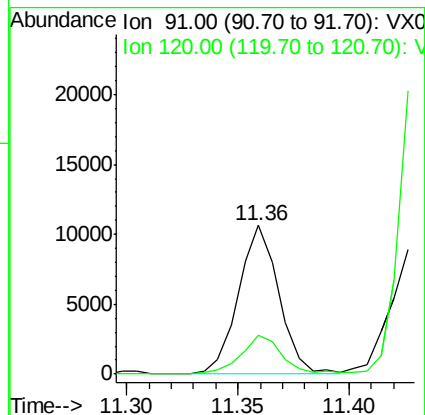
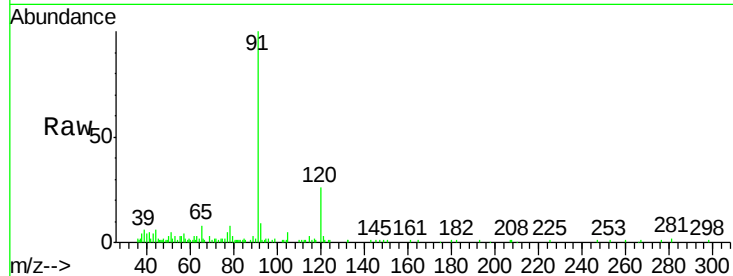
DUP-1DL

Tot Ion: 91 Resp: 13530

Ion Ratio Lower Upper

91 100

120 26.6 12.4 37.2



#79

2-Chlorotoluene

Concen: 1.170 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007419.D

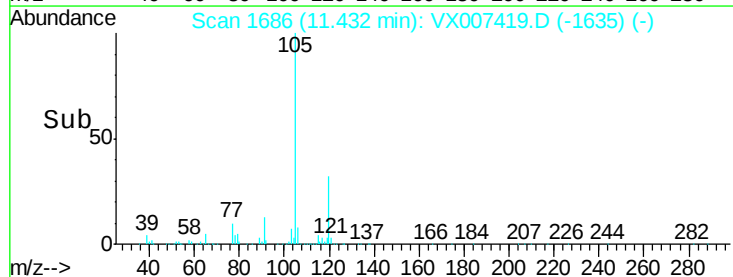
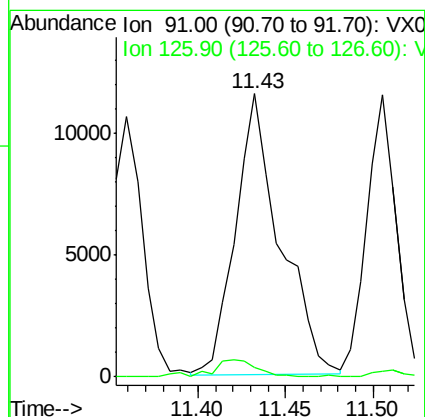
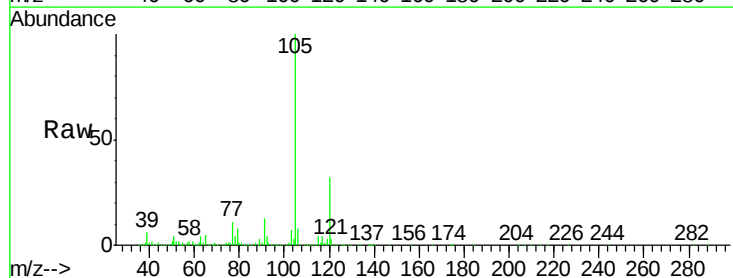
Acq: 07 Feb 2019 12:29

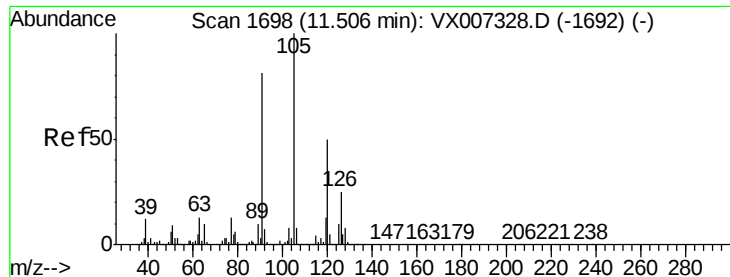
Tgt Ion: 91 Resp: 20413

Ion Ratio Lower Upper

91 100

126 5.7 18.7 56.1#





#80

1,3,5-Trimethylbenzene

Concen: 5.647 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

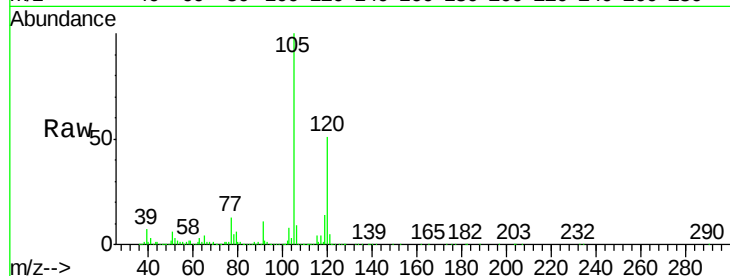
DUP-1DL

Tot Ion:105 Resp: 121119

Ion Ratio Lower Upper

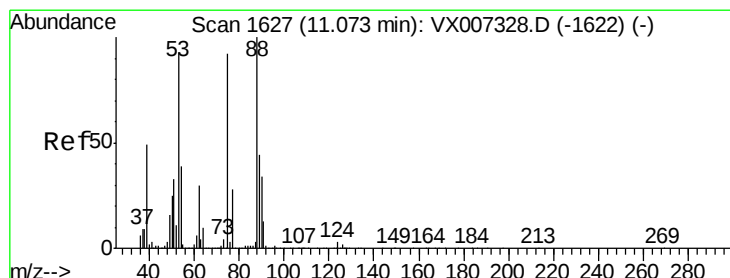
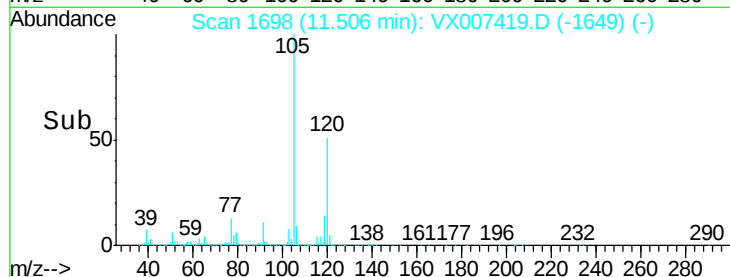
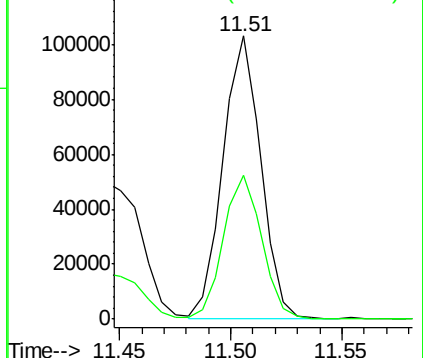
105 100

120 51.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.165 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

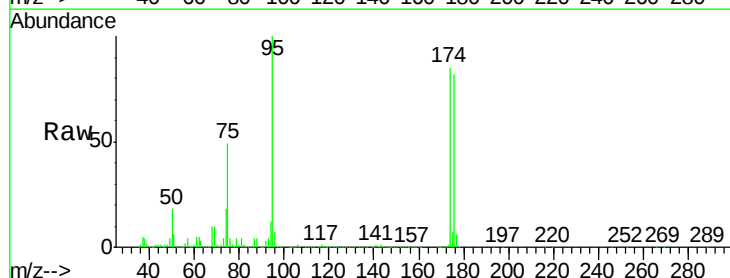
Tgt Ion: 75 Resp: 169556

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

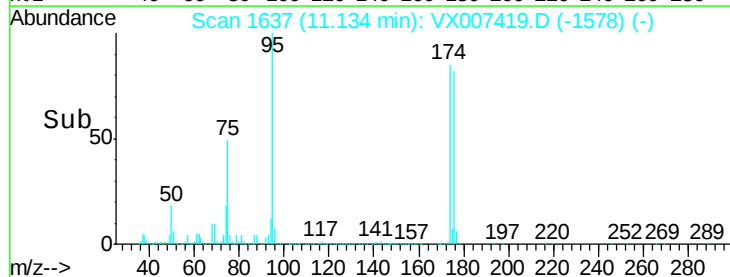
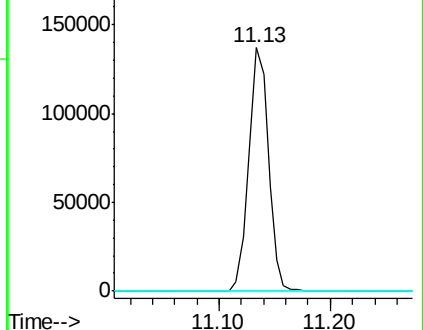
89 0.2 41.4 62.0#

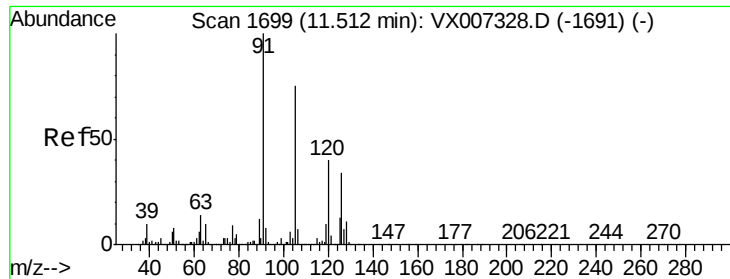


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

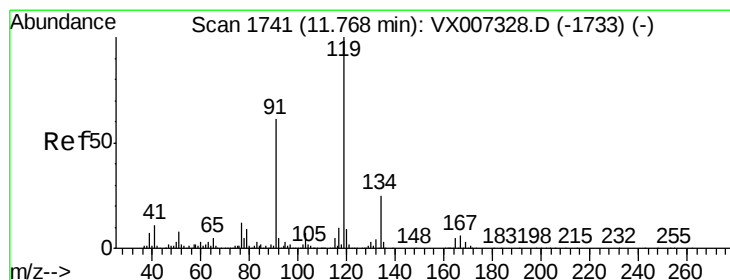
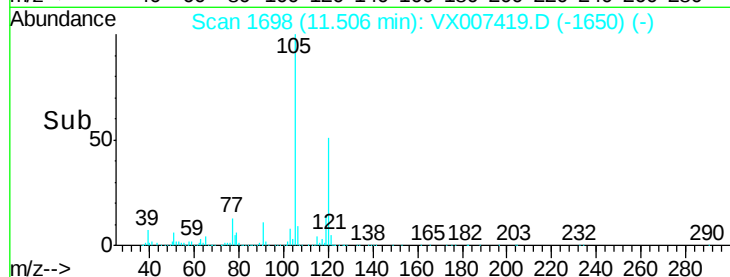
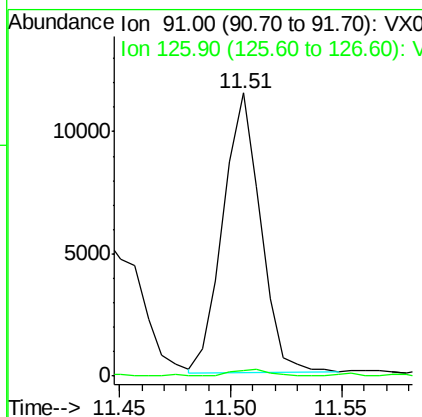
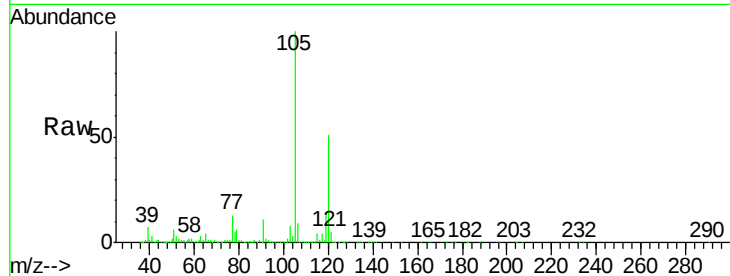




#82
4-Chlorotoluene
Concen: 0.664 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

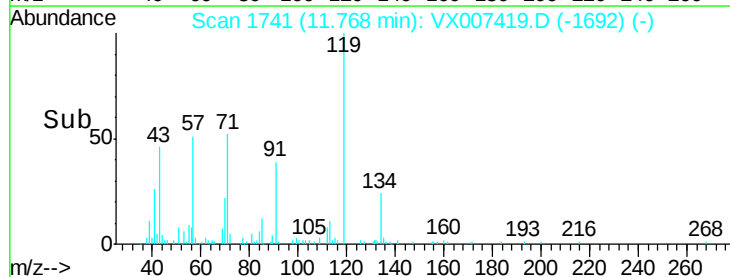
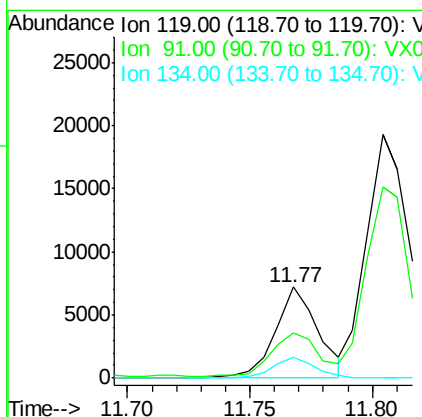
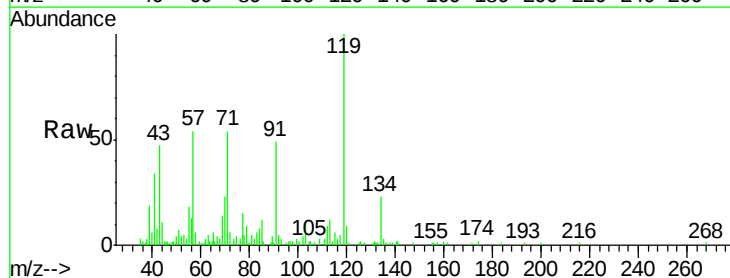
Instrument :
MSVOA_X
ClientSampled :
DUP-1DL

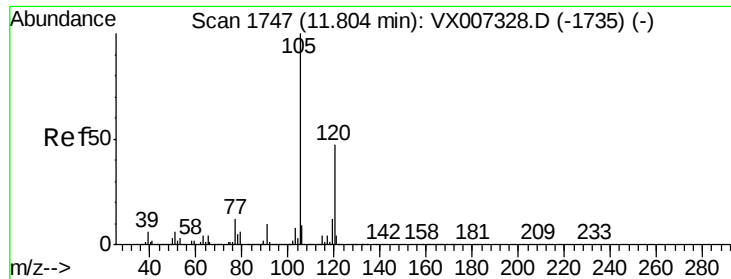
Tot Ion: 91 Resp: 13402
Ion Ratio Lower Upper
91 100
126 2.5 16.2 48.5#



#83
tert-Butylbenzene
Concen: 0.410 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion: 119 Resp: 8697
Ion Ratio Lower Upper
119 100
91 54.2 28.5 85.6
134 22.2 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 8.585 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

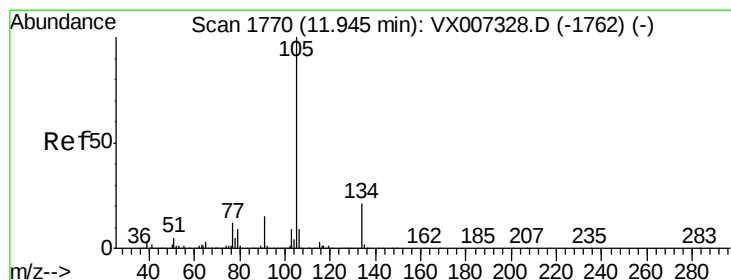
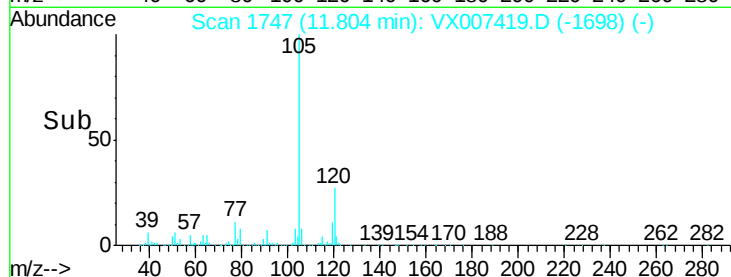
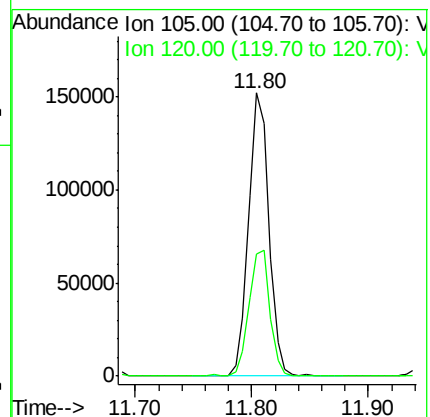
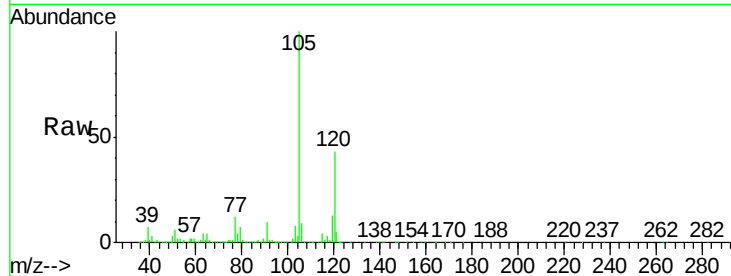
DUP-1DL

Tot Ion:105 Resp: 186922

Ion Ratio Lower Upper

105 100

120 46.1 23.1 69.3



#85

sec-Butylbenzene

Concen: 7.273 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007419.D

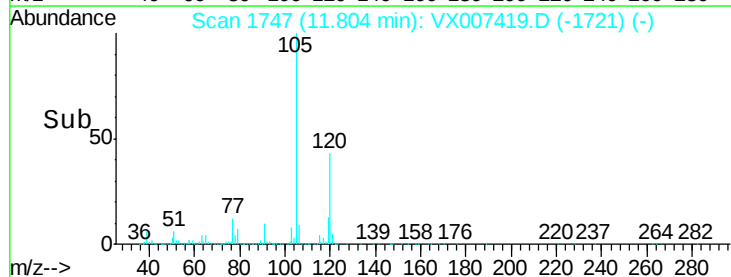
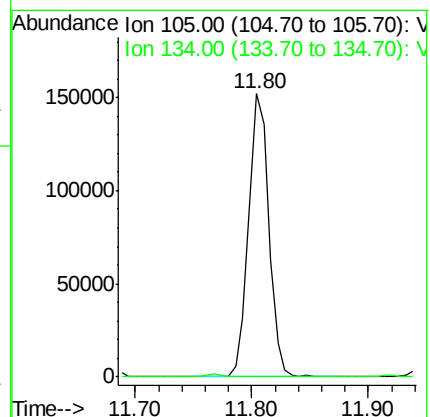
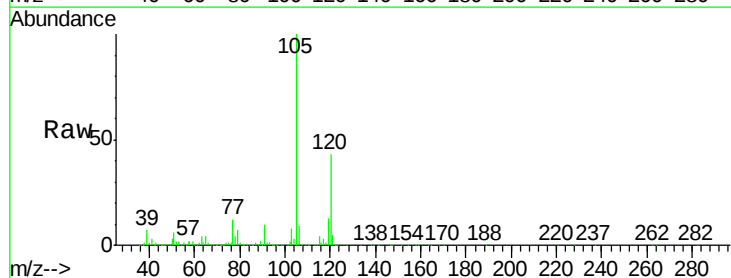
Acq: 07 Feb 2019 12:29

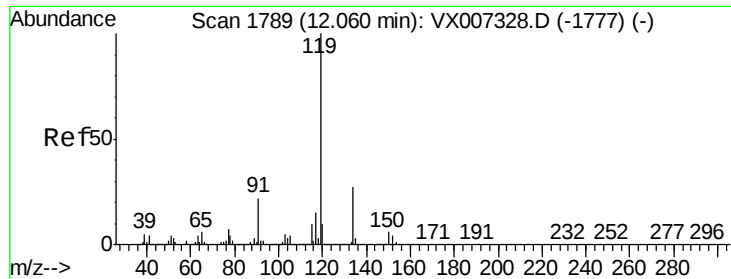
Tgt Ion:105 Resp: 186922

Ion Ratio Lower Upper

105 100

134 0.0 10.6 31.8#

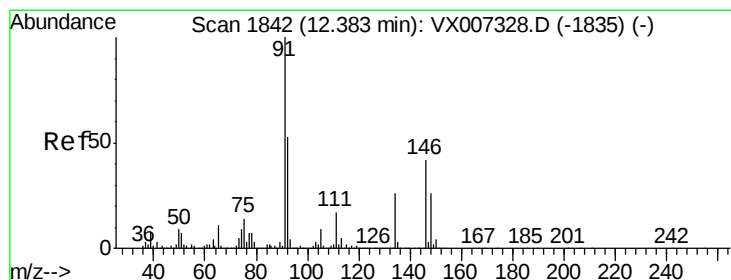
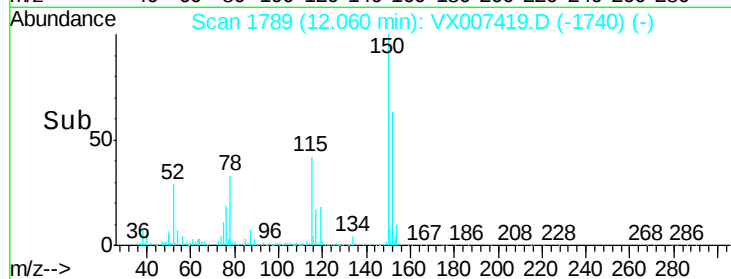
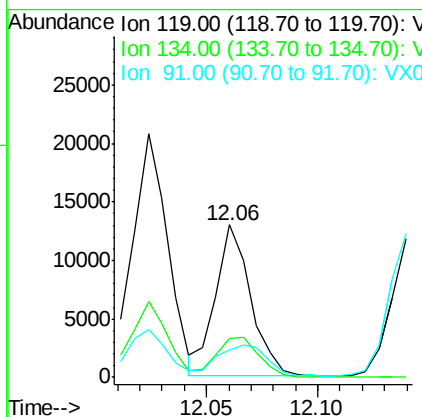
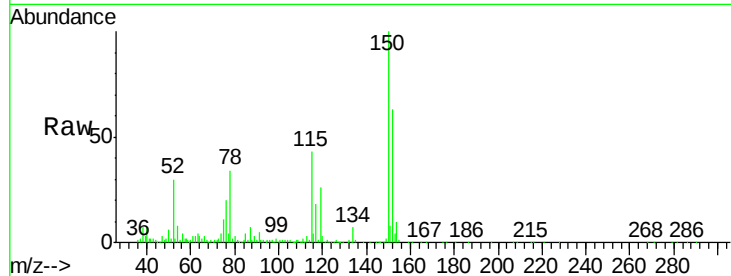




#86
p-Isopropyltoluene
Concen: 0.611 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

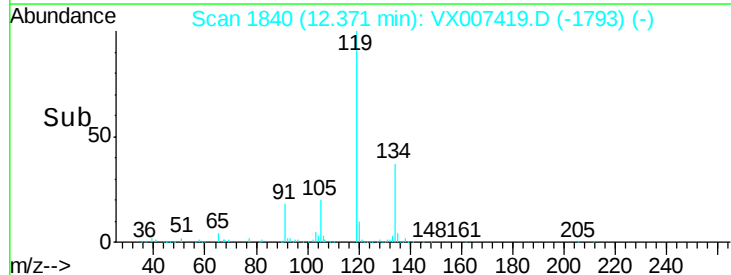
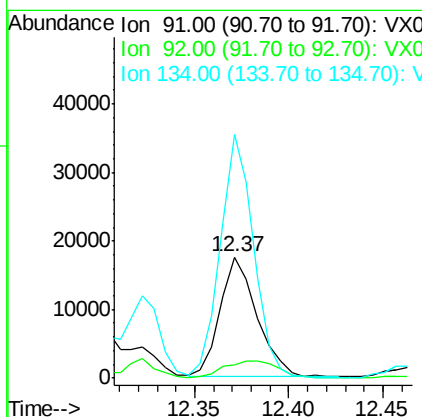
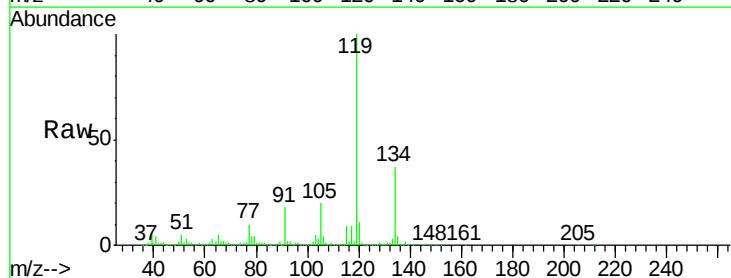
Instrument :
MSVOA_X
ClientSampled :
DUP-1DL

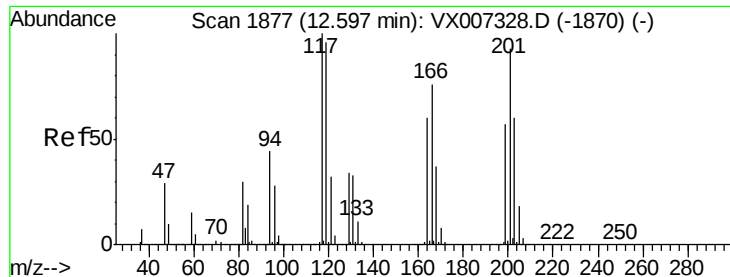
Tot Ion	Ratio	Lower	Upper
119	100		
134	32.7	13.7	41.1
91	30.6	11.2	33.5



#89
n-Butylbenzene
Concen: 1.195 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX007419.D
Acq: 07 Feb 2019 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	21.2	26.3	78.9#
134	182.9	13.9	41.6#





#90

Hexachloroethane

Concen: 0.914 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

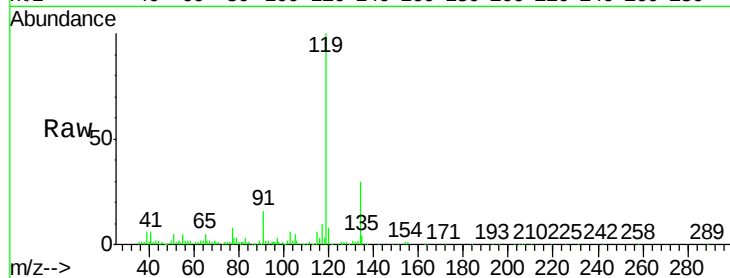
DUP-1DL

Tot Ion:117 Resp: 3175

Ion Ratio Lower Upper

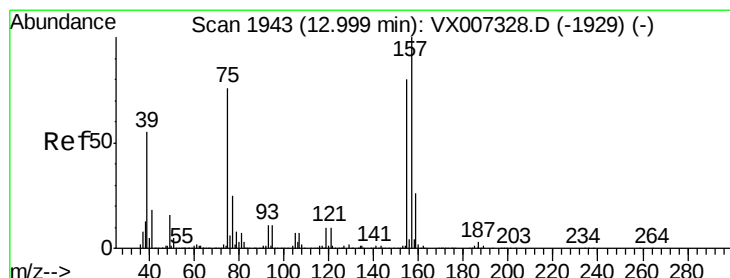
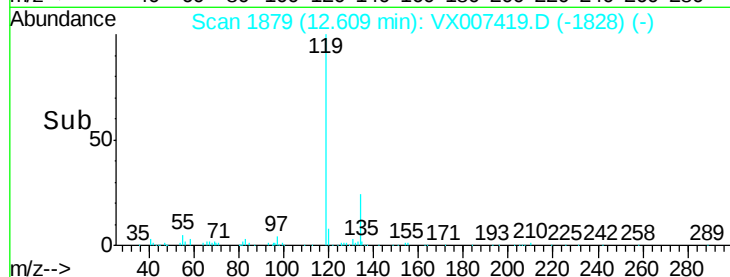
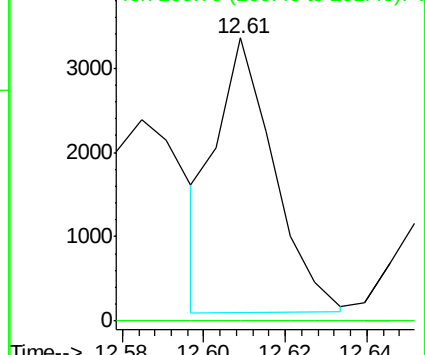
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.583 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

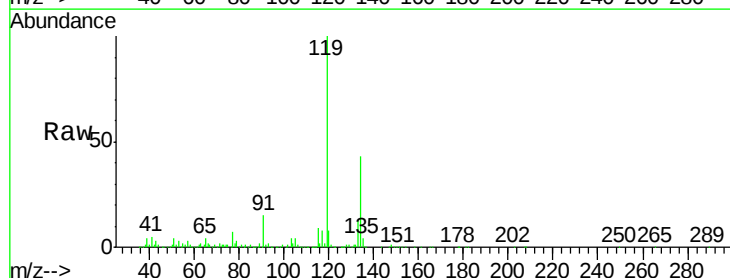
Tgt Ion: 75 Resp: 968

Ion Ratio Lower Upper

75 100

155 2.1 49.6 149.0#

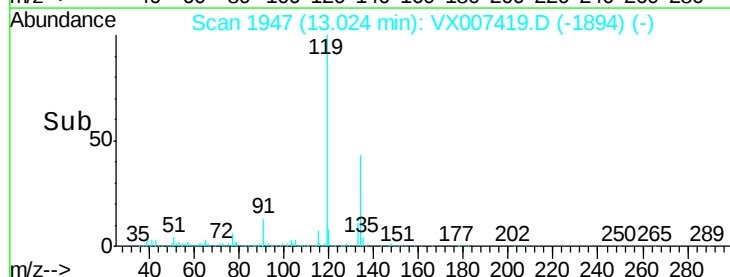
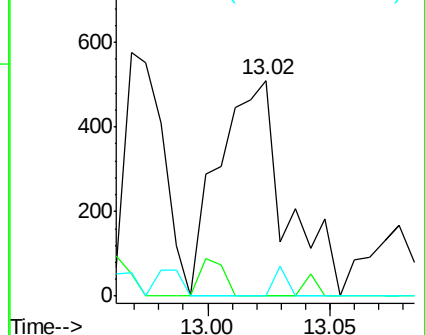
157 2.7 65.1 195.3#

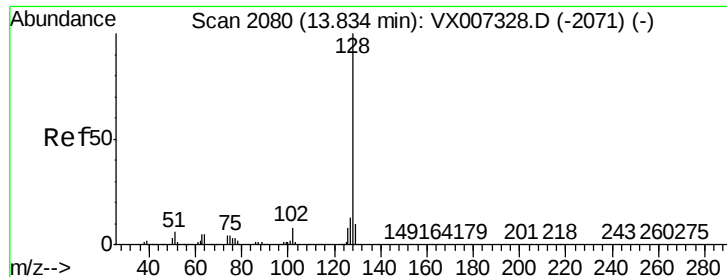


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.248 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007419.D

Acq: 07 Feb 2019 12:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-1DL

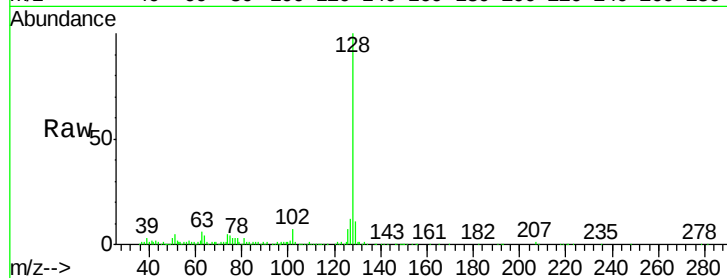
Tot Ion:128 Resp: 58498

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 12.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

