

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007423.D
 Acq On : 07 Feb 2019 14:16
 Operator : JC/SP
 Sample : K1396-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: Feb 08 22:08:58 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

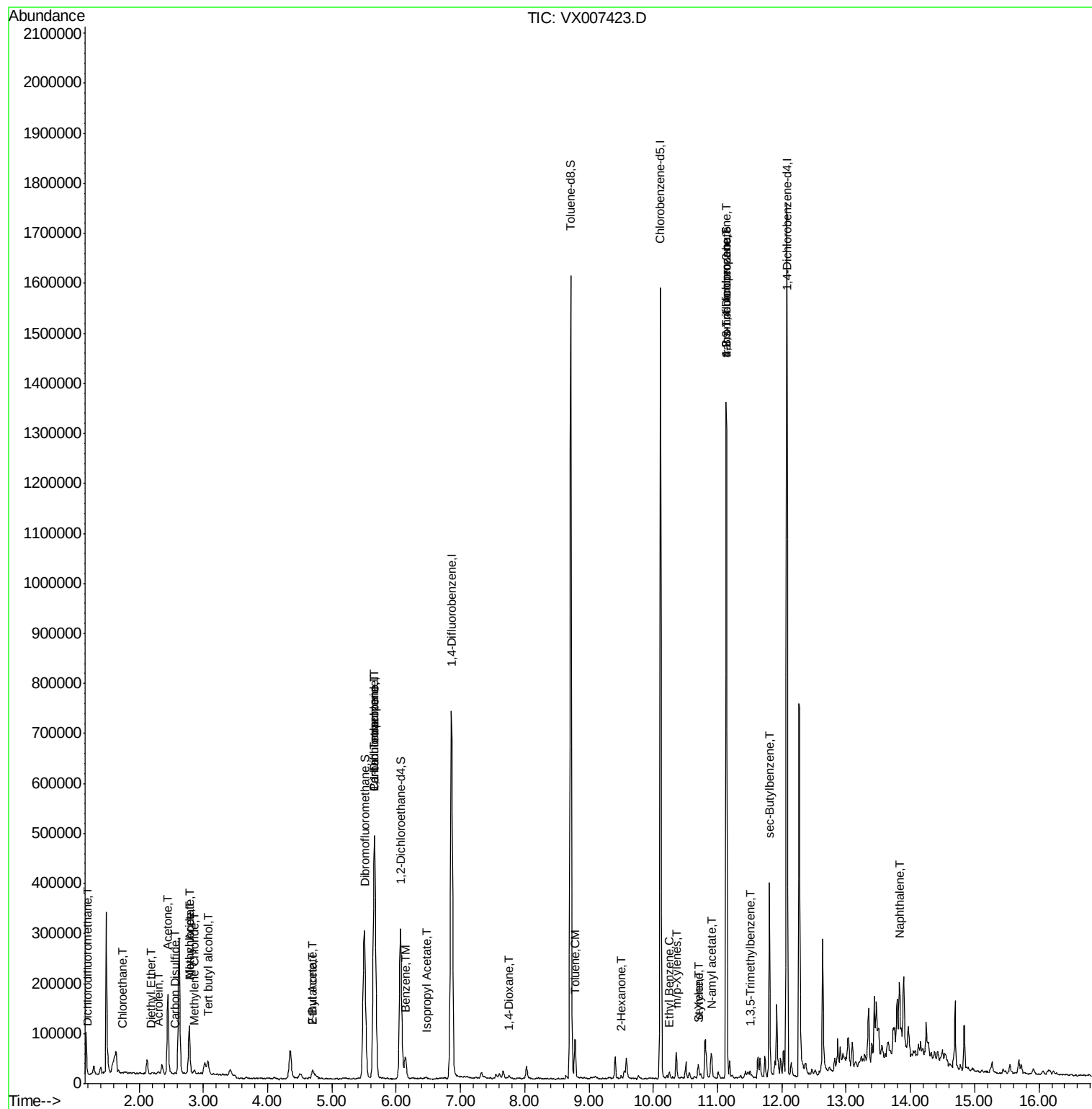
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	513371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	793144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	755903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	378313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	279568	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	5.50	113	253946	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.71	98	958084	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	347879	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	308	0.226	ug/l #	38
5) Bromomethane	1.64	94	1024	Below Cal	#	73
6) Chloroethane	1.75	64	786	0.214	ug/l #	43
8) Diethyl Ether	2.18	74	1265	0.379	ug/l	78
11) Tert butyl alcohol	3.07	59	34916	30.963	ug/l #	92
13) Acrolein	2.29	56	4113	7.778	ug/l	99
14) Allyl chloride	2.78	41	1758	0.220	ug/l #	32
16) Acetone	2.45	43	165294	66.222	ug/l	98
17) Carbon Disulfide	2.57	76	1598	2.240	ug/l #	47
18) Methyl Acetate	2.78	43	117409	18.432	ug/l	99
20) Methylene Chloride	2.86	84	3165	0.229	ug/l #	67
25) 2-Butanone	4.70	43	32199	9.065	ug/l	99
36) 1,1-Dichloropropene	5.67	75	33553	4.715	ug/l #	49
37) Ethyl Acetate	4.70	43	32199	4.476	ug/l #	69
38) Carbon Tetrachloride	5.67	117	47604	6.895	ug/l #	16
40) Benzene	6.14	78	50589	2.413	ug/l	99
43) Isopropyl Acetate	6.47	43	2583	0.233	ug/l #	71
49) 1,4-Dioxane	7.76	88	3803	36.780	ug/l #	84
52) Toluene	8.79	92	30750	2.274	ug/l	96
59) 2-Hexanone	9.50	43	3572	0.628	ug/l	94
67) Ethyl Benzene	10.25	91	6973	0.263	ug/l	100
68) m/p-Xylenes	10.36	106	12500	1.184	ug/l	96
69) o-Xylene	10.70	106	5980	0.589	ug/l	92
70) Styrene	10.71	104	4601	0.279	ug/l #	85
74) N-ethyl acetate	10.90	43	18318	1.842	ug/l #	75
76) 1,2,3-Trichloropropane	11.13	75	164646	22.374	ug/l #	32
80) 1,3,5-Trimethylbenzene	11.51	105	5842	0.278	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	164646	67.537	ug/l #	9
85) sec-Butylbenzene	11.80	105	116957	4.641	ug/l #	55
95) Naphthalene	13.83	128	60464	2.370	ug/l	98

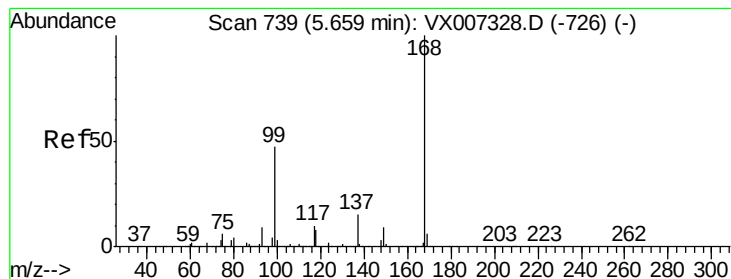
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020719\
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

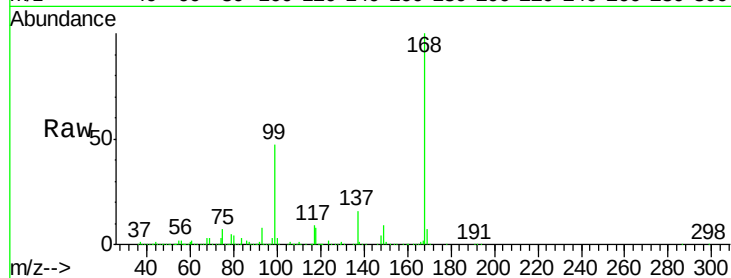
COMP-1

Tot Ion:168 Resp: 513371

Ion Ratio Lower Upper

168 100

99 47.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

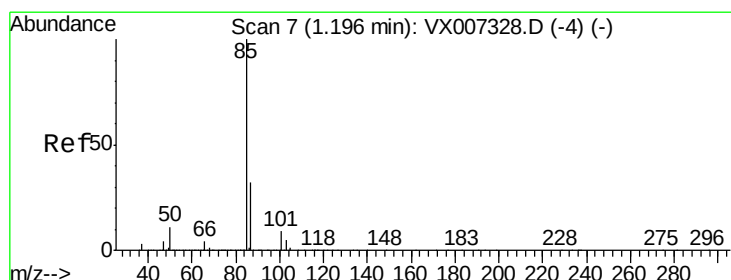
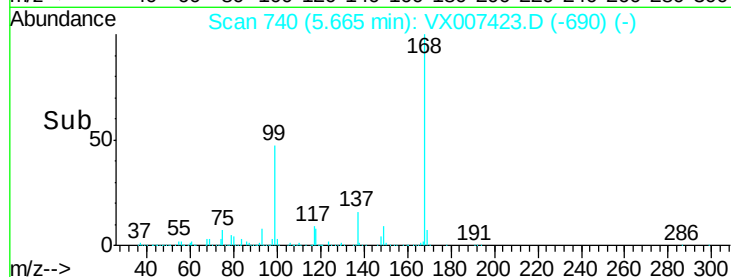
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.226 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007423.D

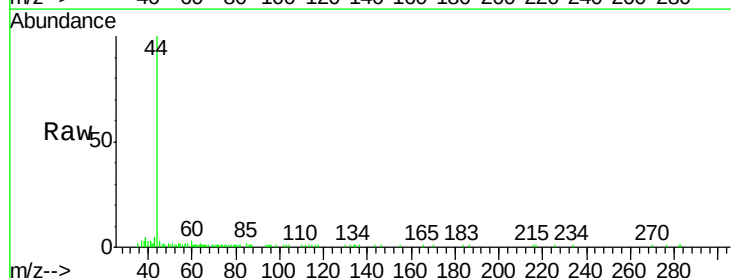
Acq: 07 Feb 2019 14:16

Tgt Ion: 85 Resp: 308

Ion Ratio Lower Upper

85 100

87 65.7 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

250

200

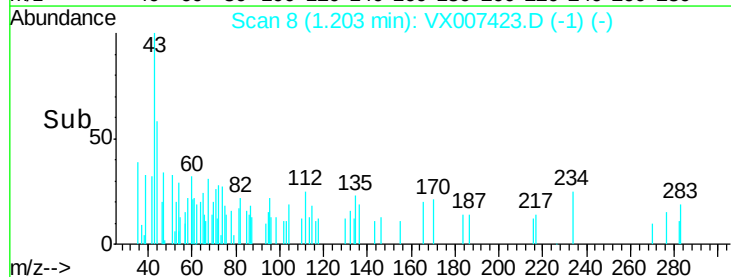
150

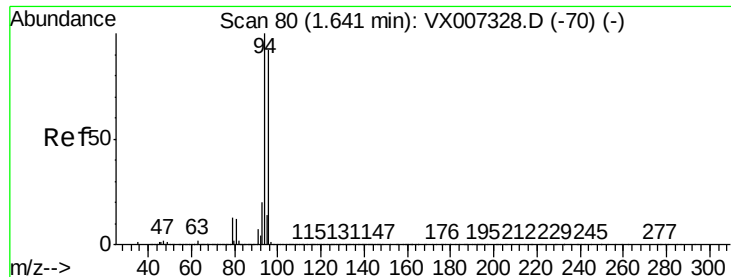
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

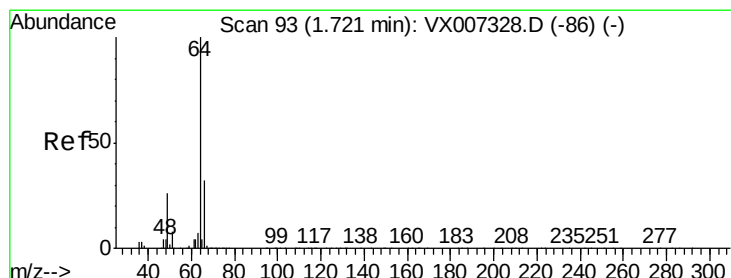
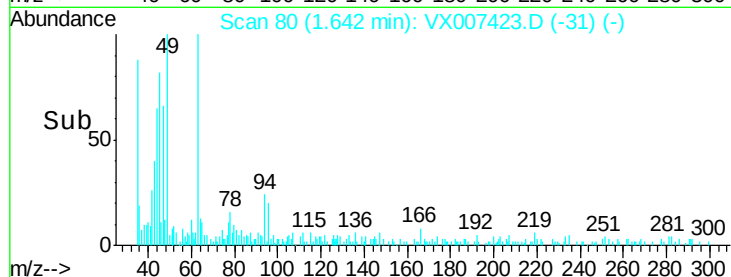
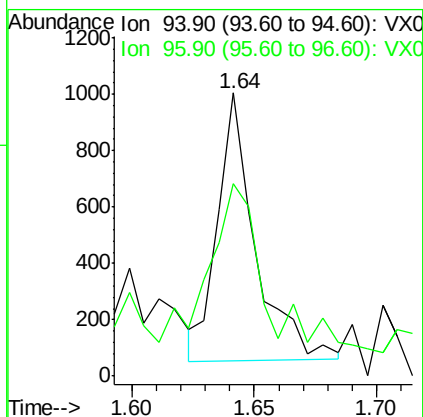
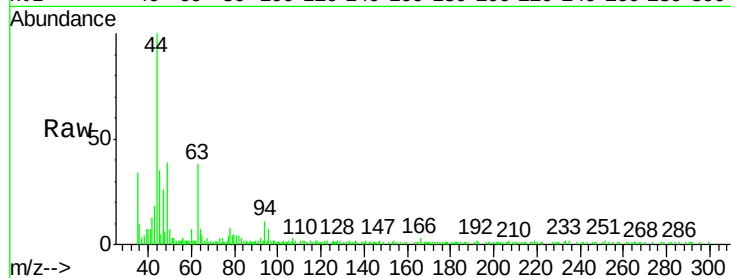
COMP-1

Tot Ion: 94 Resp: 1024

Ion Ratio Lower Upper

94 100

96 66.9 73.9 110.9#



#6

Chloroethane

Concen: 0.214 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.02 min

Lab File: VX007423.D

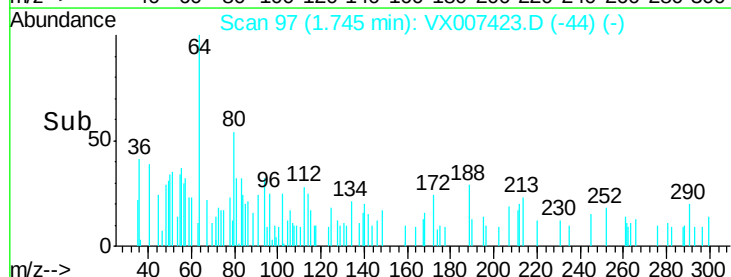
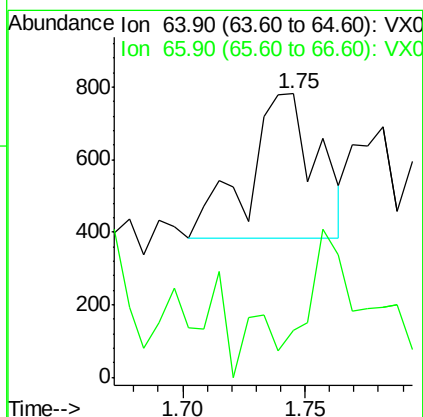
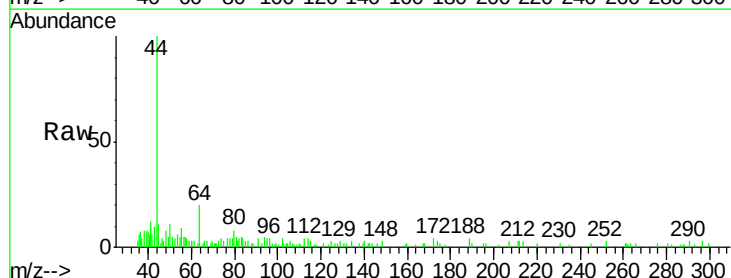
Acq: 07 Feb 2019 14:16

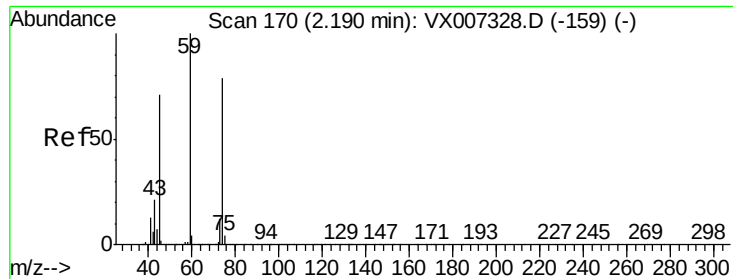
Tgt Ion: 64 Resp: 786

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: 0.379 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

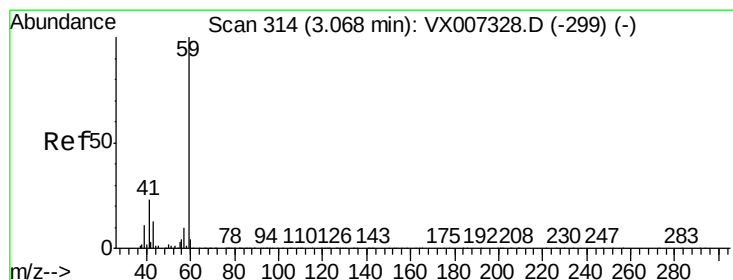
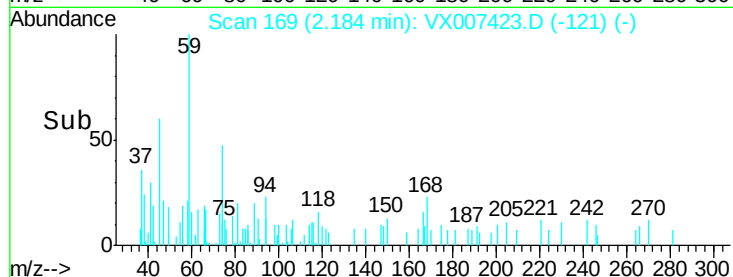
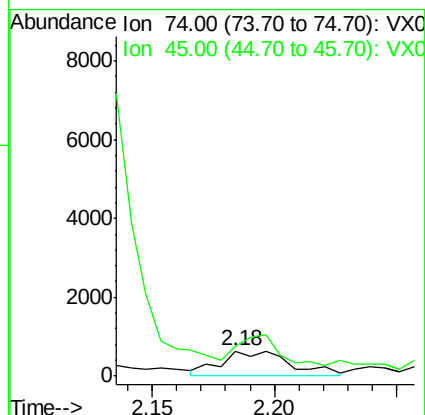
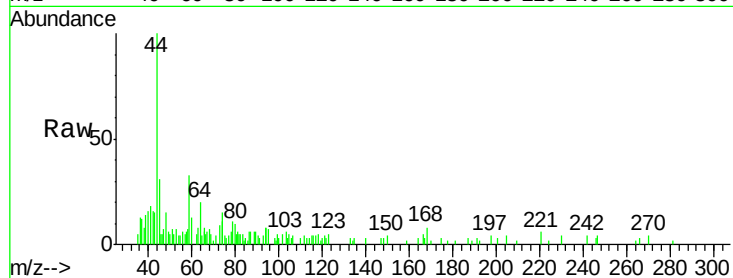
COMP-1

Tot Ion: 74 Resp: 1265

Ion Ratio Lower Upper

74 100

45 70.4 45.7 137.1



#11

Tert butyl alcohol

Concen: 30.963 ug/l

RT: 3.07 min Scan# 315

Delta R.T. 0.01 min

Lab File: VX007423.D

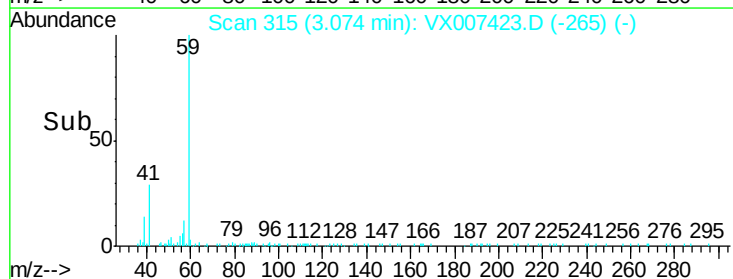
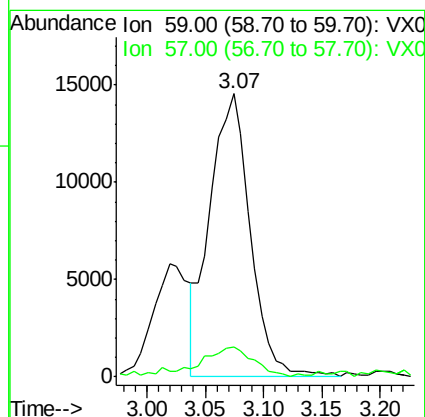
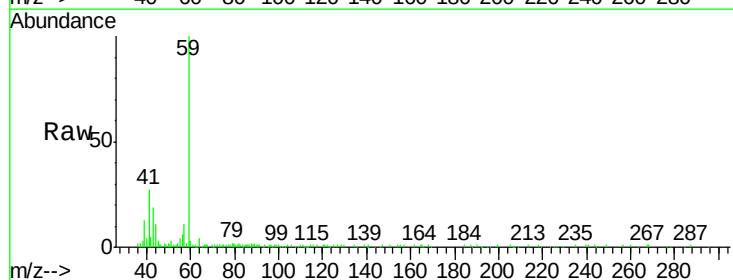
Acq: 07 Feb 2019 14:16

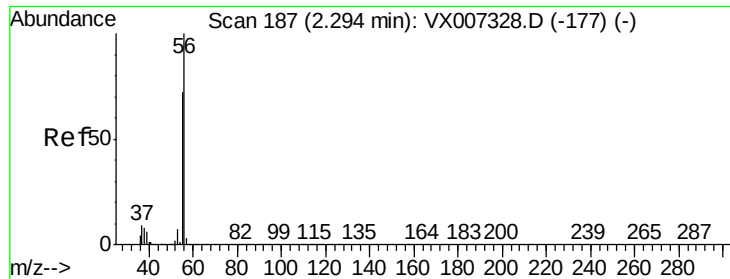
Tgt Ion: 59 Resp: 34916

Ion Ratio Lower Upper

59 100

57 12.9 8.1 12.1#





#13

Acrolein

Concen: 7.778 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

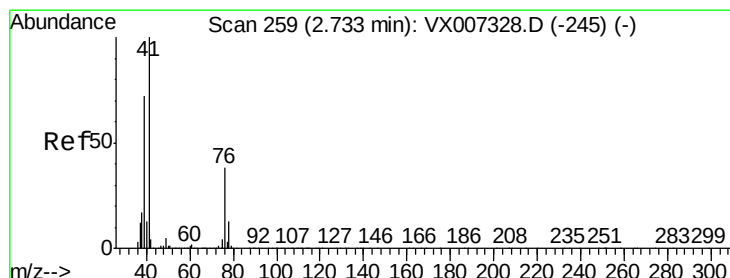
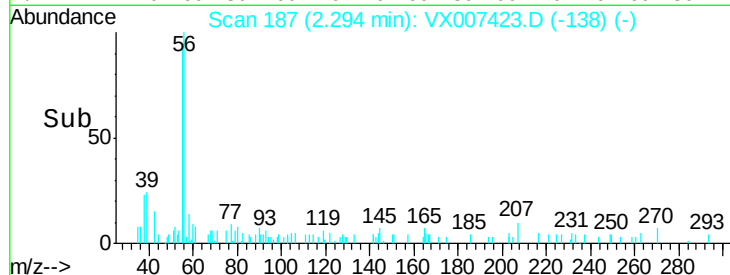
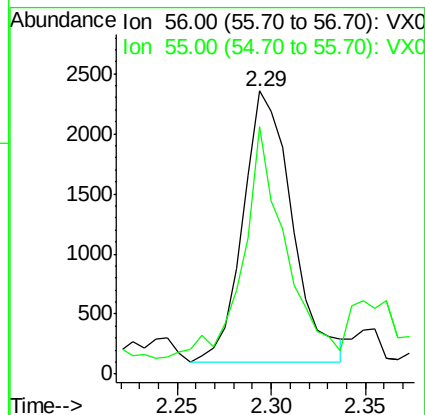
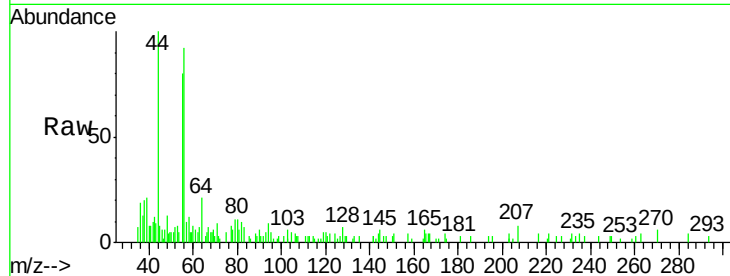
COMP-1

Tot Ion: 56 Resp: 4113

Ion Ratio Lower Upper

56 100

55 72.2 56.9 85.3



#14

Allyl chloride

Concen: 0.220 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.04 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

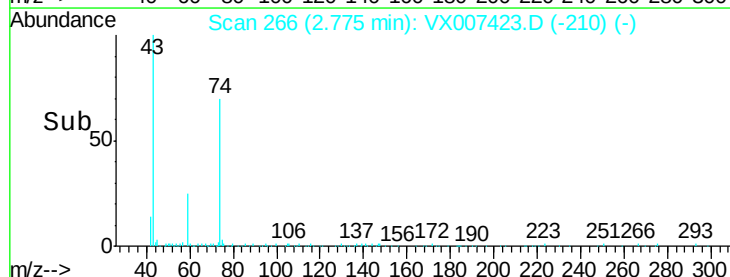
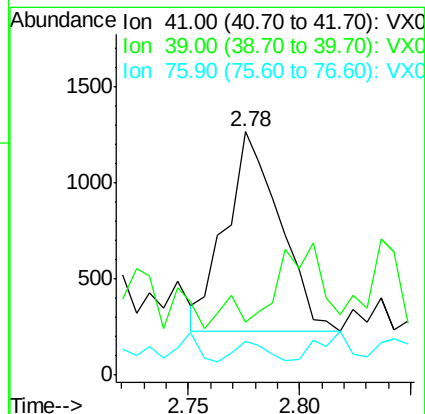
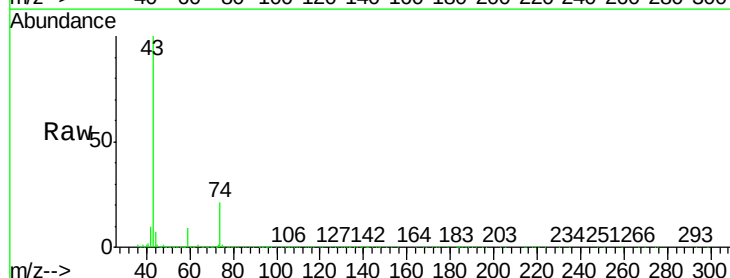
Tgt Ion: 41 Resp: 1758

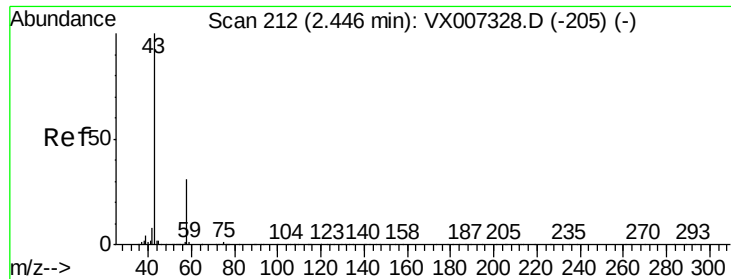
Ion Ratio Lower Upper

41 100

39 0.0 54.1 81.1#

76 13.2 27.8 41.8#





#16

Acetone

Concen: 66.222 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

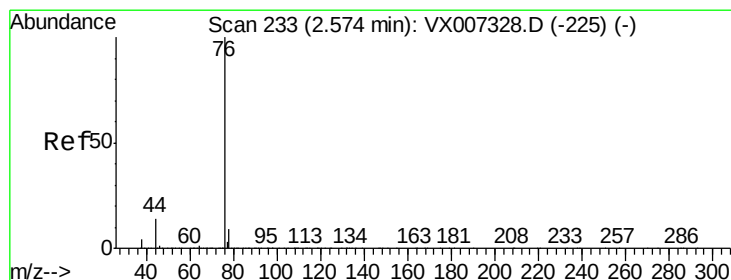
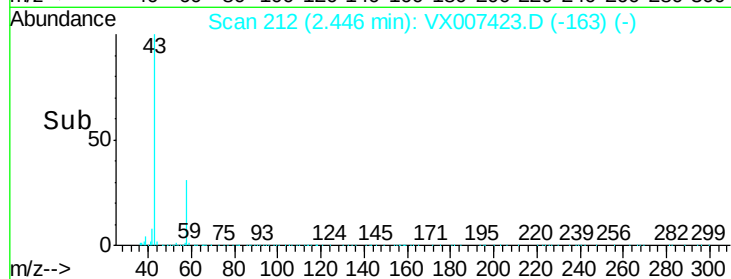
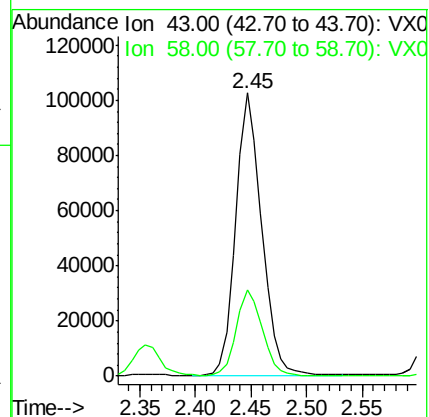
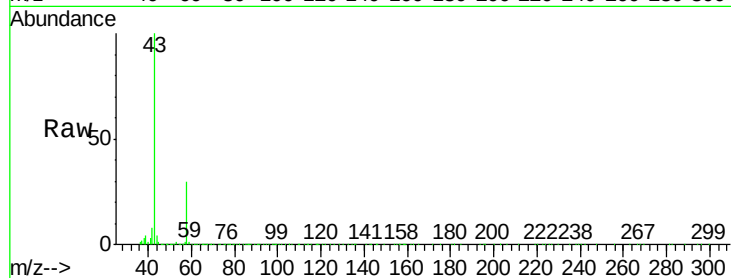
COMP-1

Tot Ion: 43 Resp: 165294

Ion Ratio Lower Upper

43 100

58 30.1 24.9 37.3



#17

Carbon Disulfide

Concen: 2.240 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007423.D

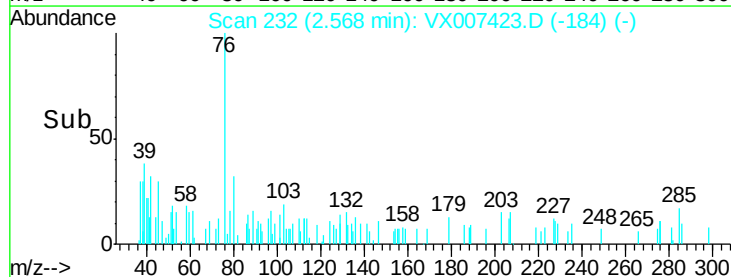
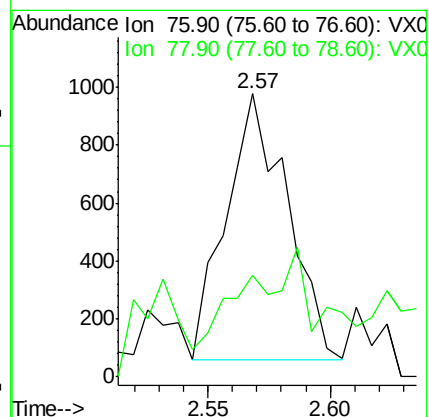
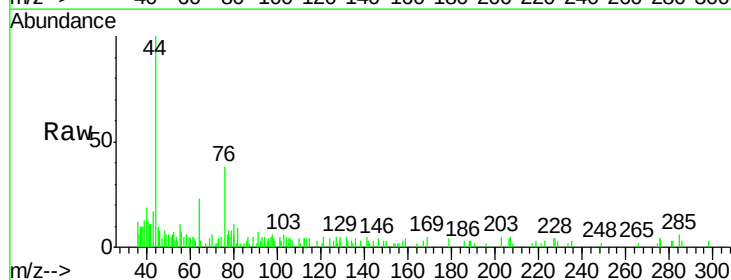
Acq: 07 Feb 2019 14:16

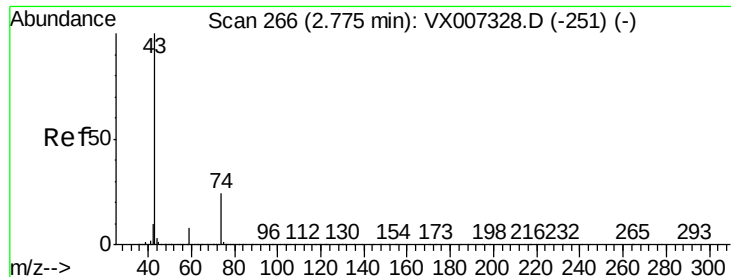
Tgt Ion: 76 Resp: 1598

Ion Ratio Lower Upper

76 100

78 28.0 7.1 10.7#





#18

Methyl Acetate

Concen: 18.432 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

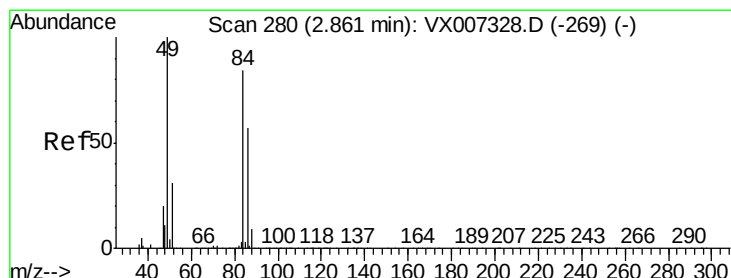
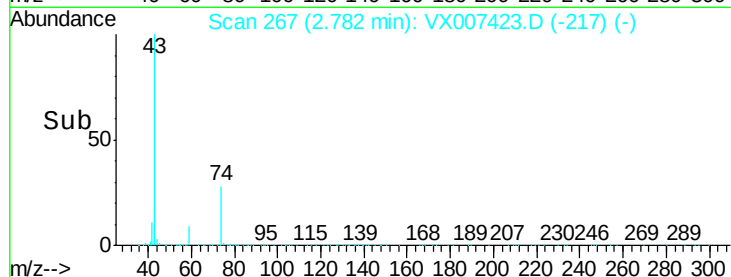
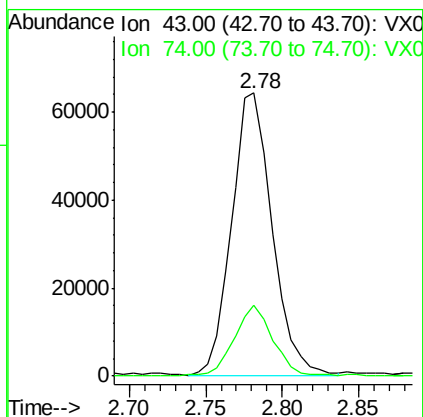
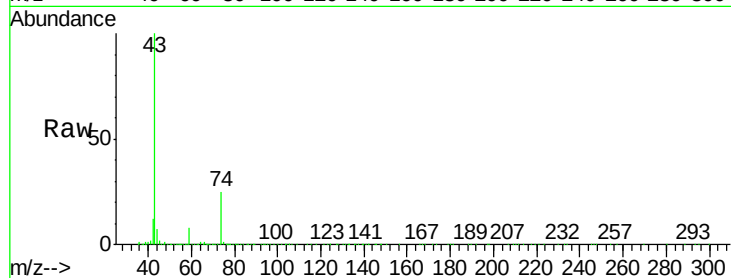
COMP-1

Tot Ion: 43 Resp: 117409

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2



#20

Methylene Chloride

Concen: 0.229 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Tgt Ion: 84 Resp: 3165

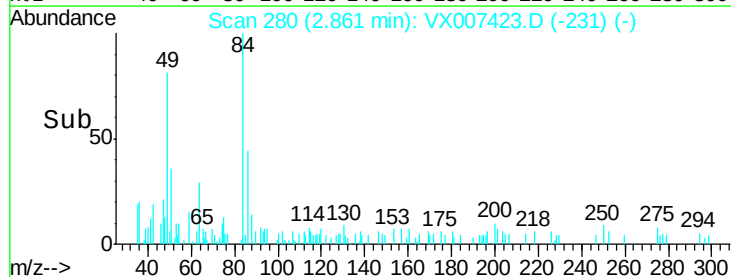
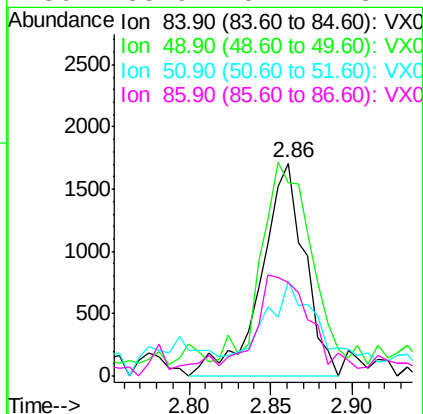
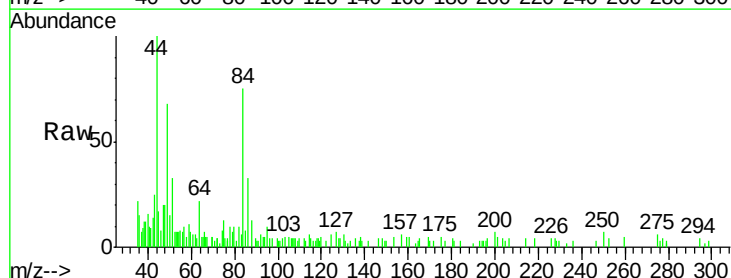
Ion Ratio Lower Upper

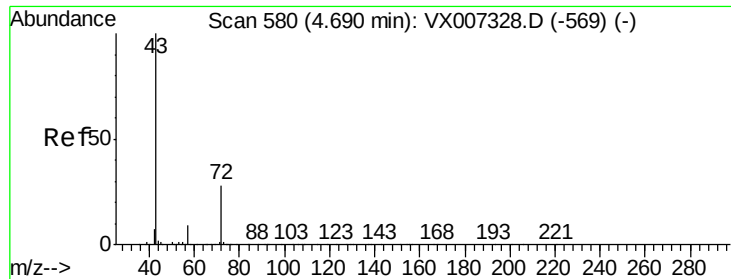
84 100

49 75.6 94.8 142.2#

51 31.3 29.8 44.8

86 38.9 54.1 81.1#

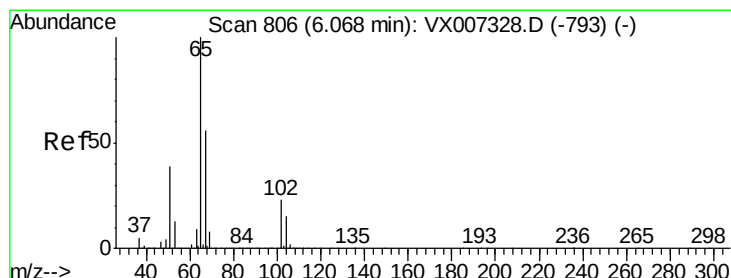
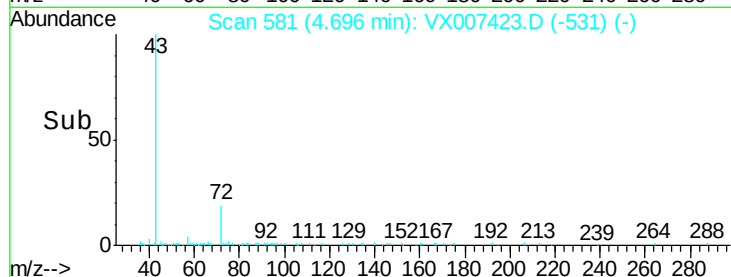
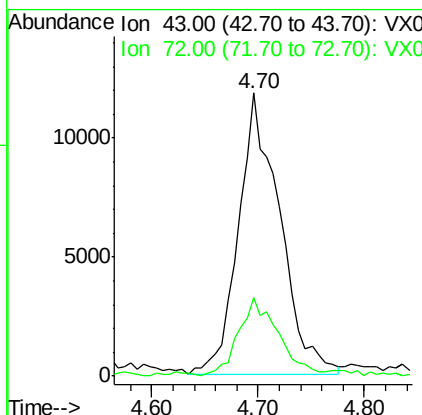
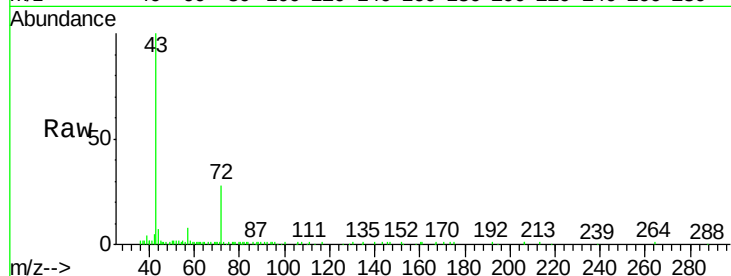




#25
2-Butanone
Concen: 9.065 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

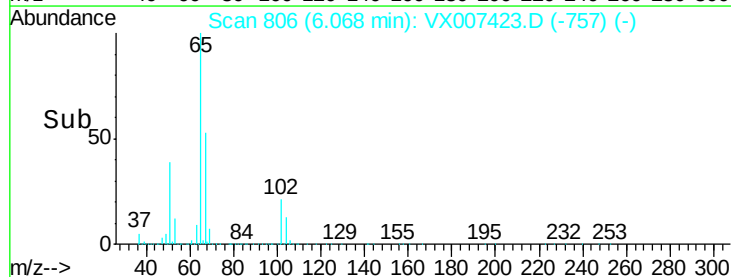
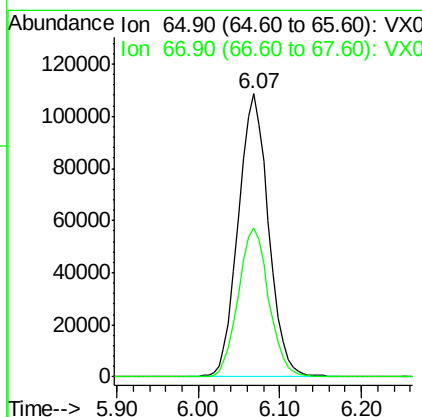
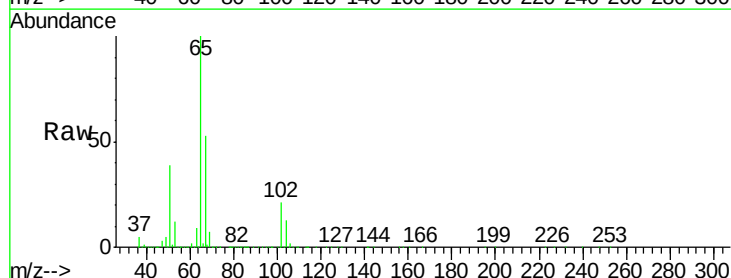
Instrument :
MSVOA_X
ClientSampled :
COMP-1

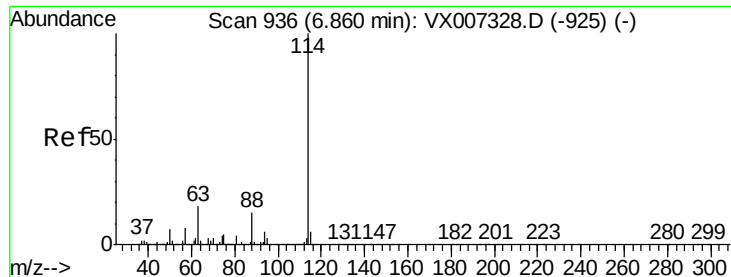
Tot Ion: 43 Resp: 32199
Ion Ratio Lower Upper
43 100
72 27.0 22.2 33.2



#33
1,2-Dichloroethane-d4
Concen: 51.306 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

Tgt Ion: 65 Resp: 279568
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: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

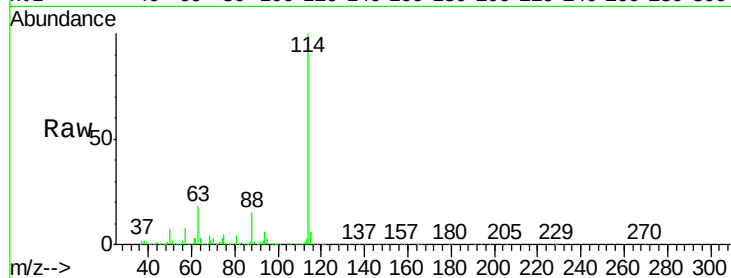
Tot Ion:114 Resp: 793144

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

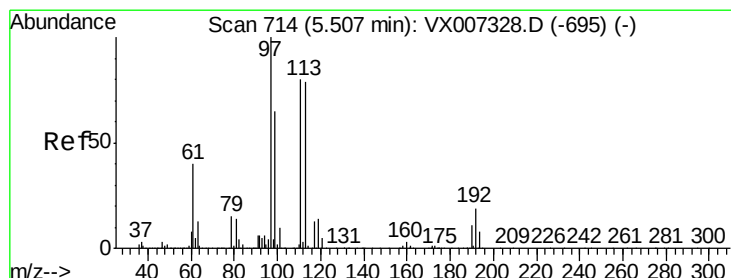
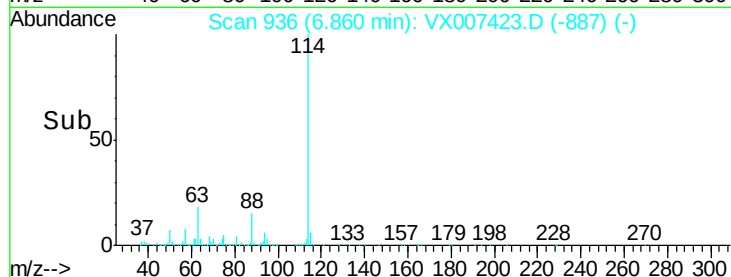
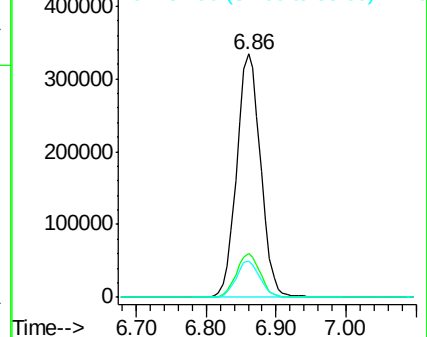
88 14.7 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 49.208 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

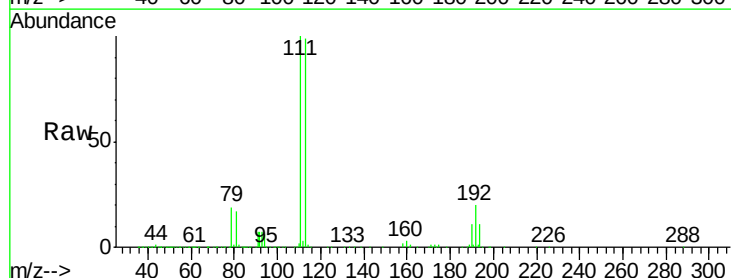
Tgt Ion:113 Resp: 253946

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

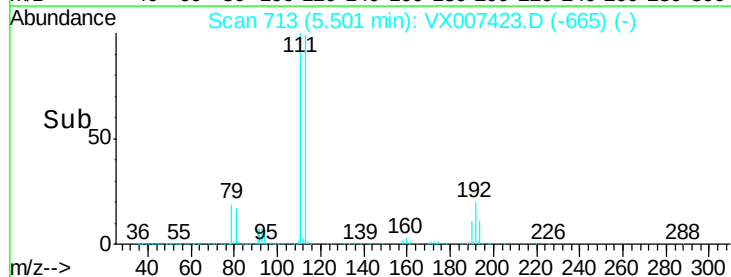
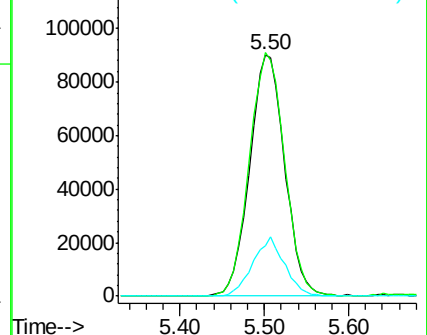
192 22.2 18.5 27.7

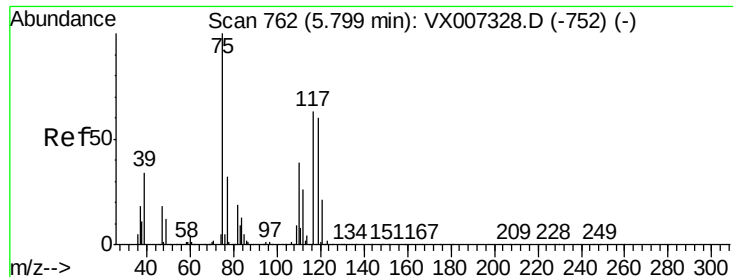


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

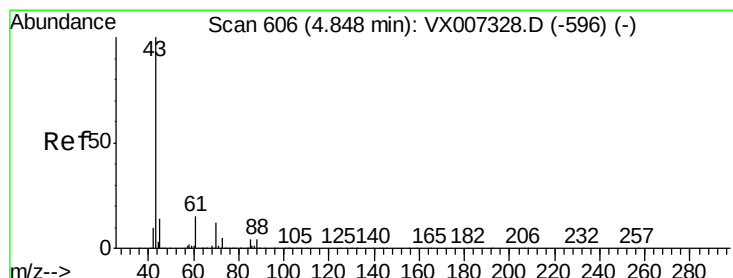
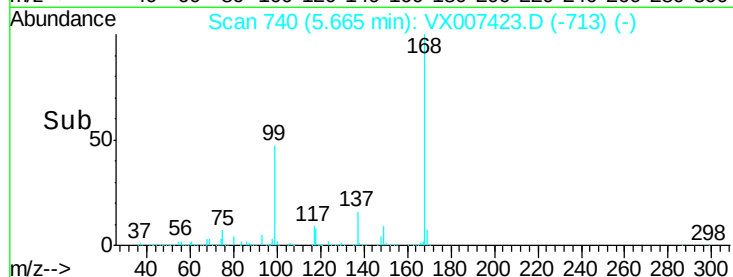
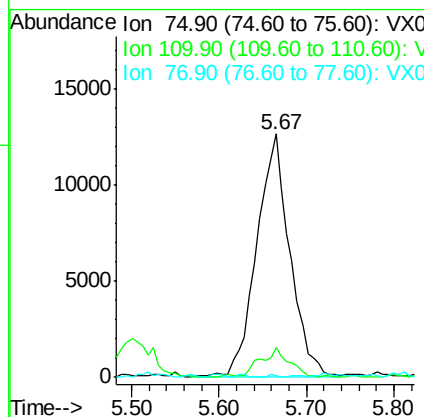
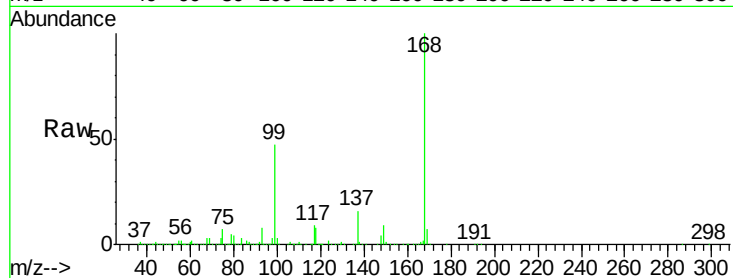




#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007423.D
 Acq: 07 Feb 2019 14:16

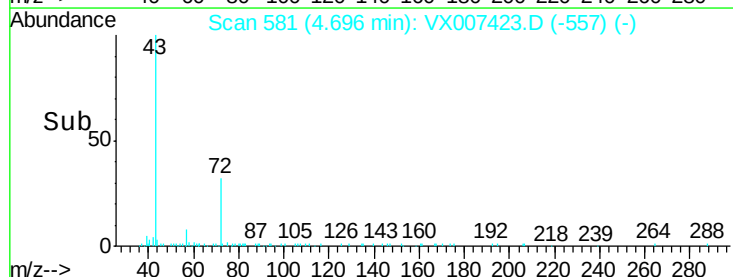
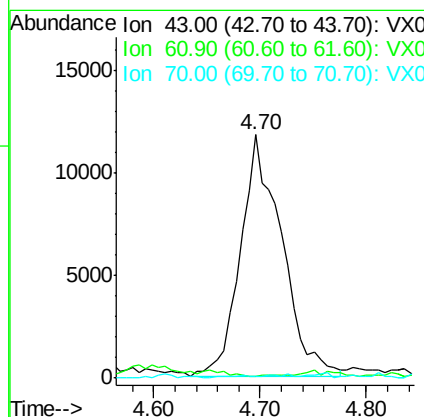
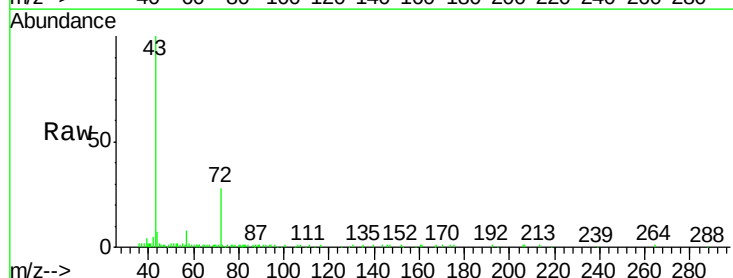
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

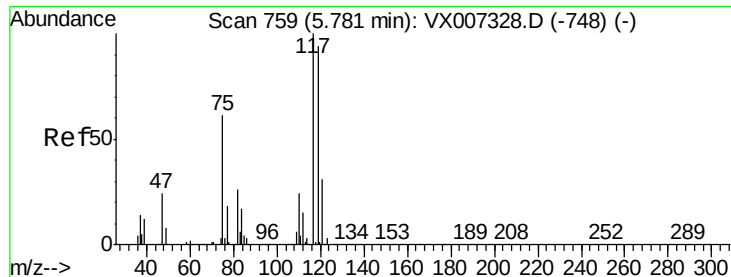
Tot Ion: 75 Resp: 33553
 Ion Ratio Lower Upper
 75 100
 110 10.3 20.0 59.9#
 77 0.3 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 4.476 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.15 min
 Lab File: VX007423.D
 Acq: 07 Feb 2019 14:16

Tgt Ion: 43 Resp: 32199
 Ion Ratio Lower Upper
 43 100
 61 0.4 11.3 16.9#
 70 0.6 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 6.895 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

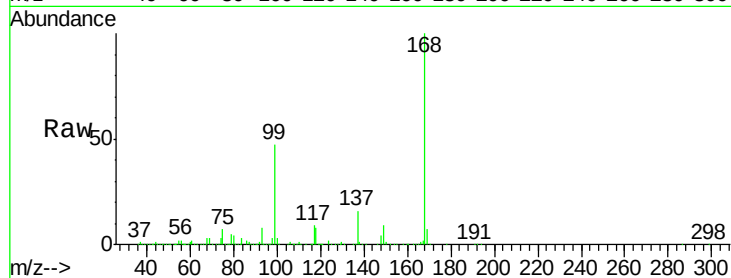
Tot Ion:117 Resp: 47604

Ion Ratio Lower Upper

117 100

119 3.9 75.3 112.9#

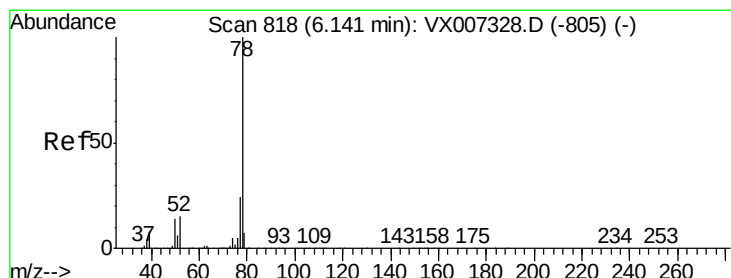
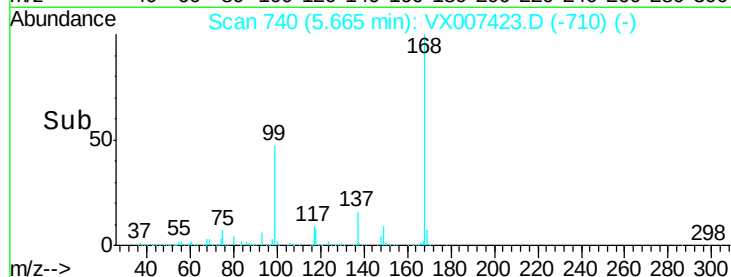
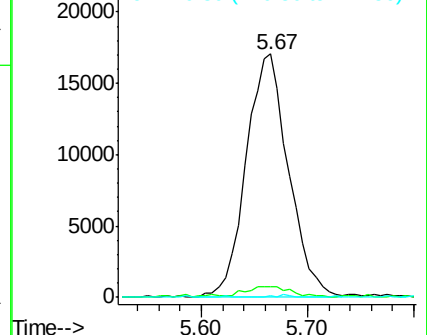
121 0.5 25.0 37.4#



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



#40

Benzene

Concen: 2.413 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007423.D

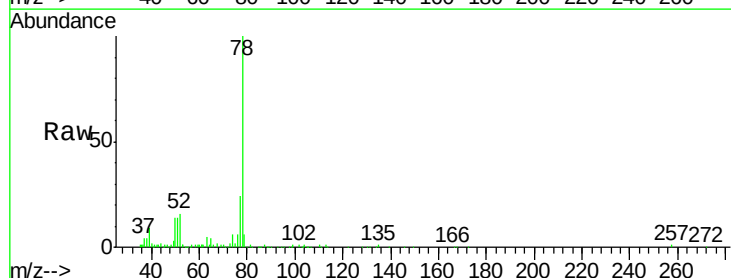
Acq: 07 Feb 2019 14:16

Tgt Ion: 78 Resp: 50589

Ion Ratio Lower Upper

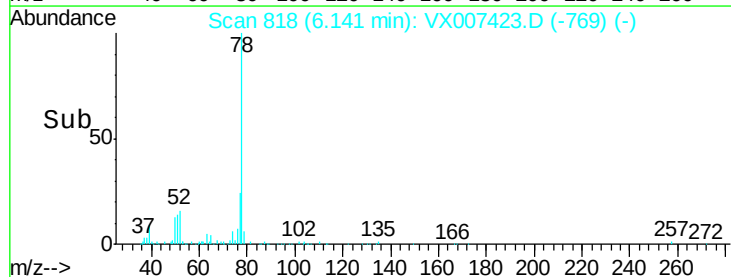
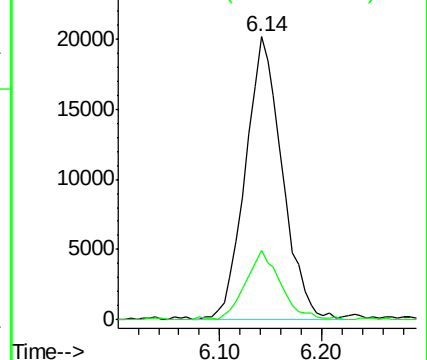
78 100

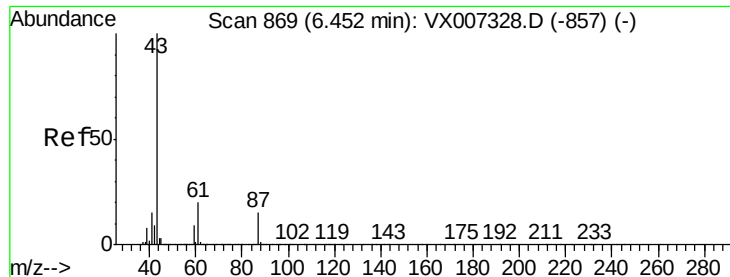
77 24.4 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 0.233 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.02 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

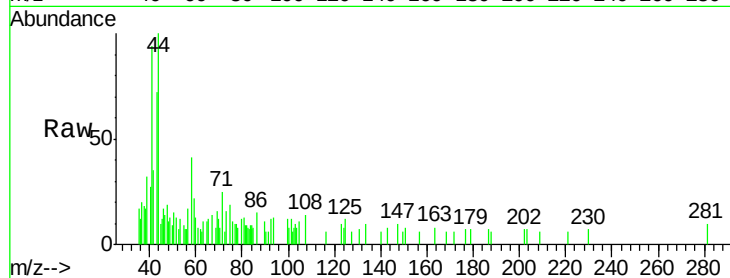
Tot Ion: 43 Resp: 2583

Ion Ratio Lower Upper

43 100

61 5.1 16.1 24.1#

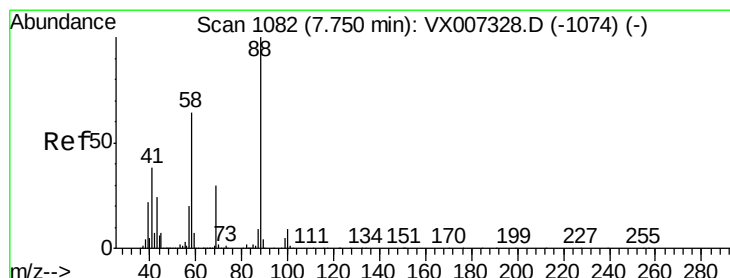
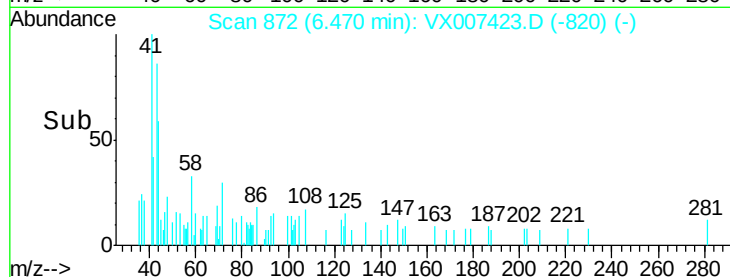
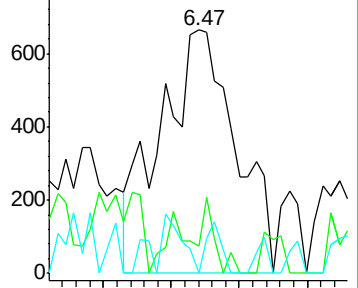
87 4.3 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#49

1,4-Dioxane

Concen: 36.780 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

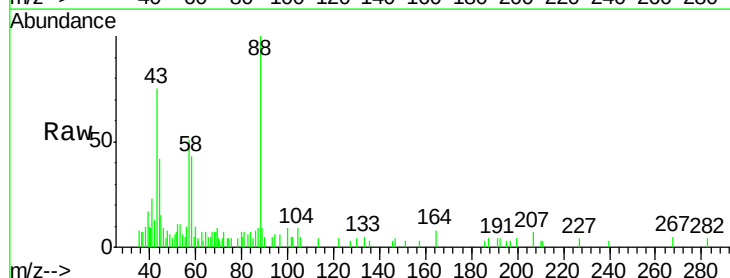
Tgt Ion: 88 Resp: 3803

Ion Ratio Lower Upper

88 100

43 45.8 24.2 36.4#

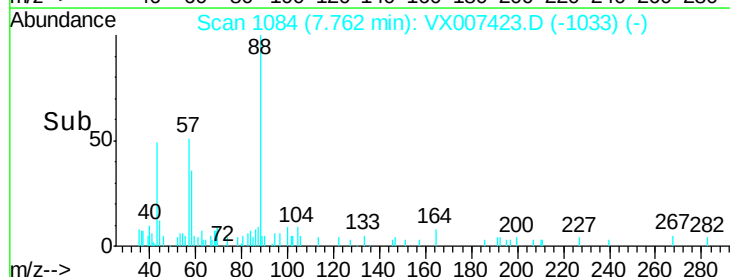
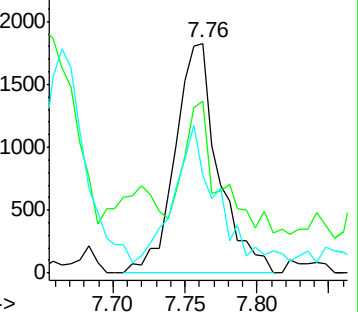
58 58.0 53.0 79.4

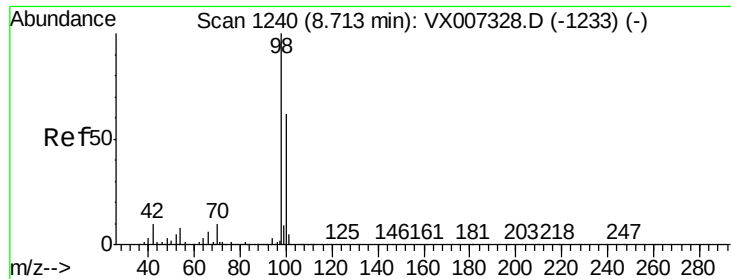


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.038 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

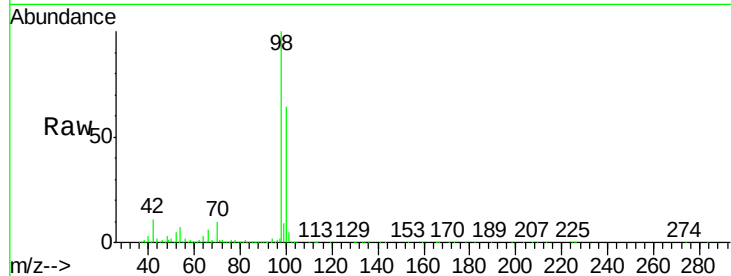
COMP-1

Tot Ion: 98 Resp: 958084

Ion Ratio Lower Upper

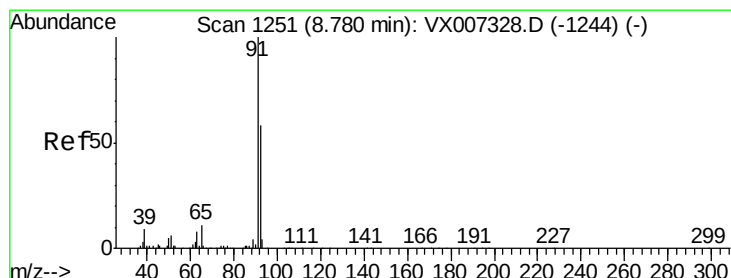
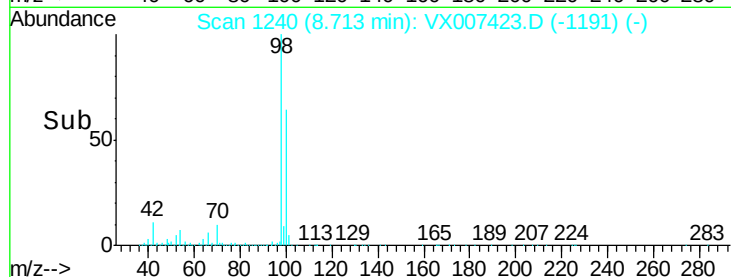
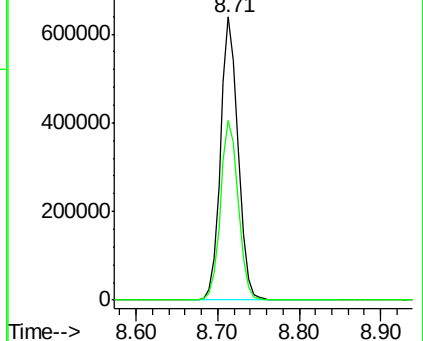
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 2.274 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007423.D

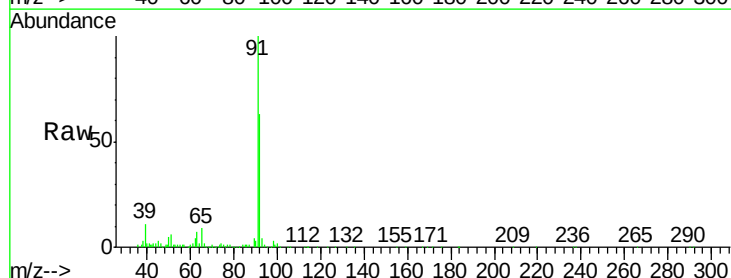
Acq: 07 Feb 2019 14:16

Tgt Ion: 92 Resp: 30750

Ion Ratio Lower Upper

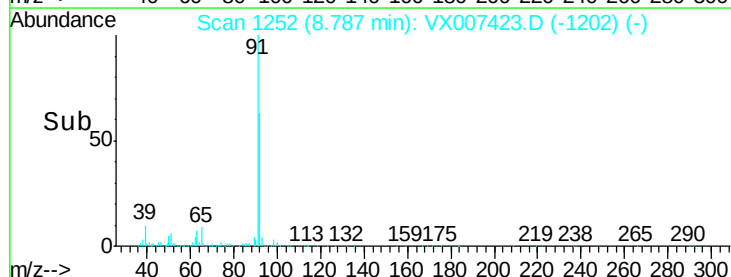
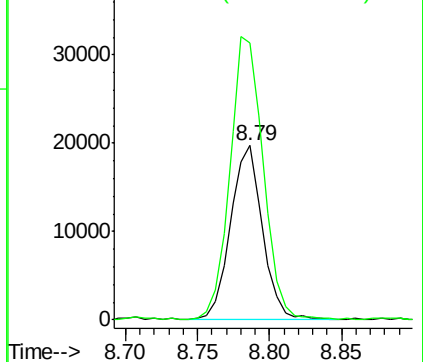
92 100

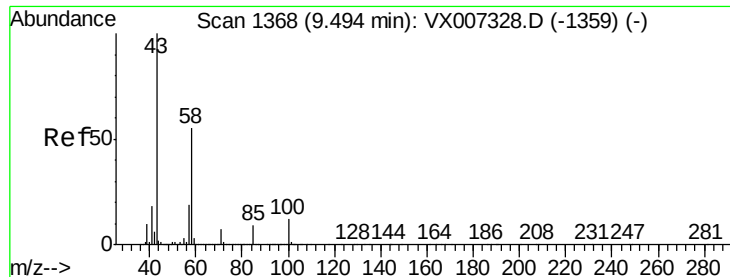
91 168.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

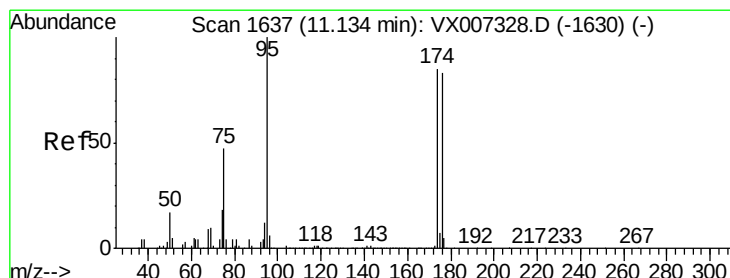
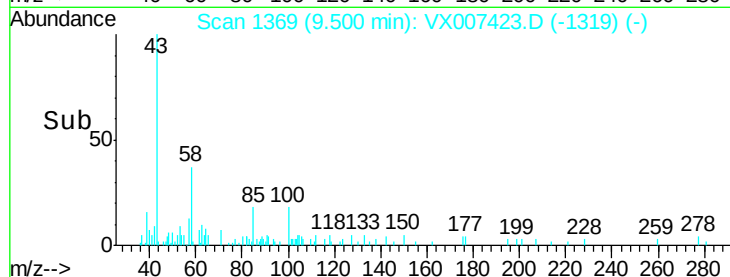
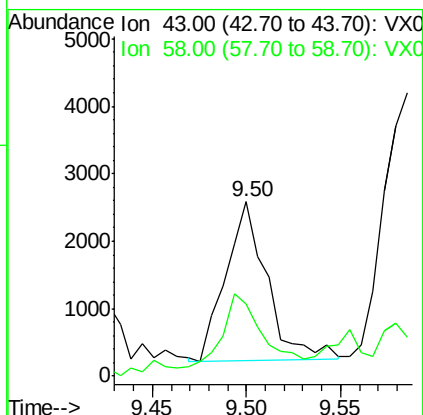
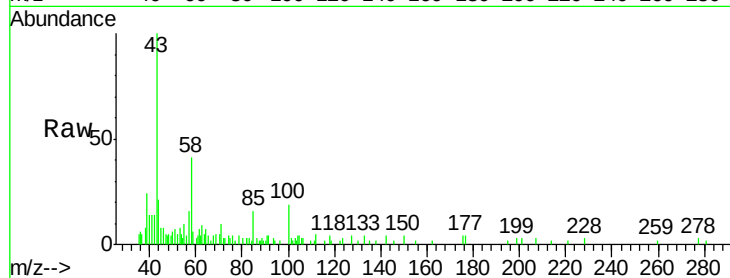




#59
2-Hexanone
Concen: 0.628 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

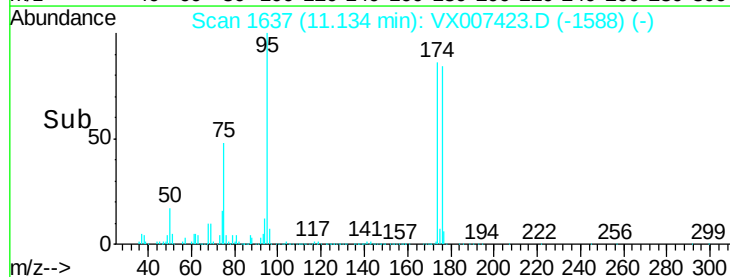
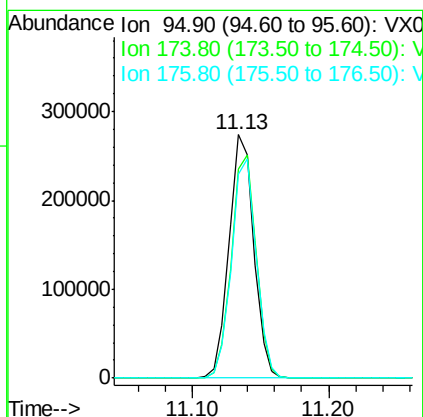
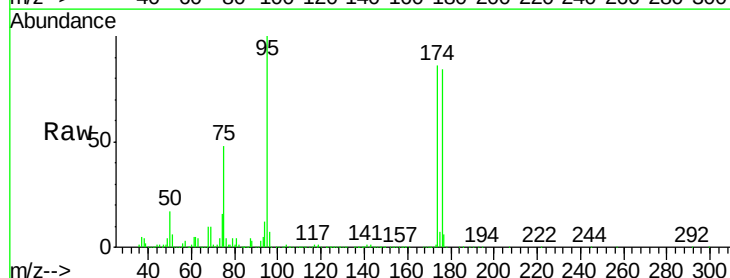
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

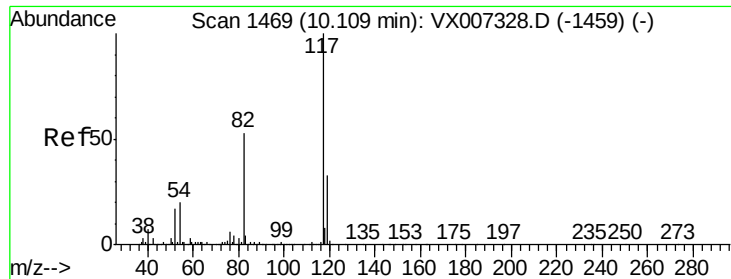
Tot Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
58 58.8 27.1 81.3



#62
4-Bromofluorobenzene
Concen: 49.764 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

Tgt Ion: 95 Resp: 347879
Ion Ratio Lower Upper
95 100
174 92.0 0.0 189.2
176 90.2 0.0 186.2

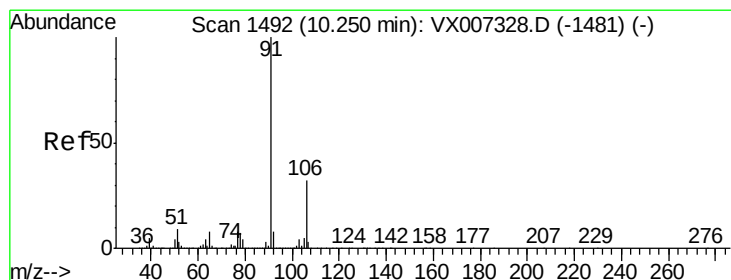
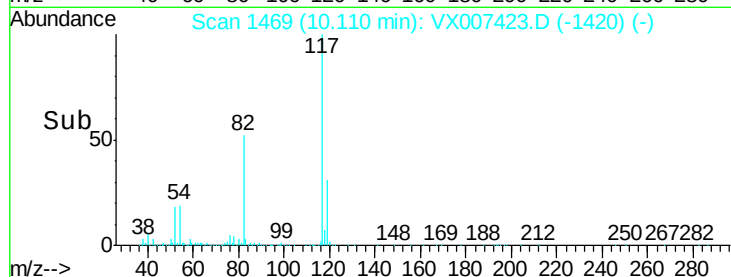
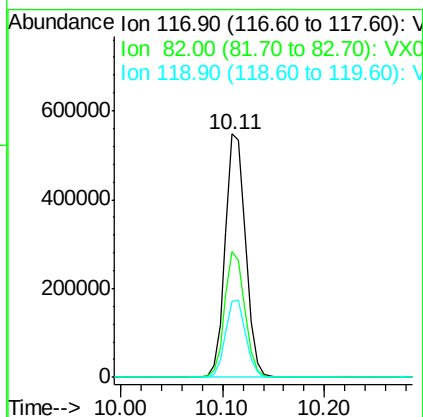
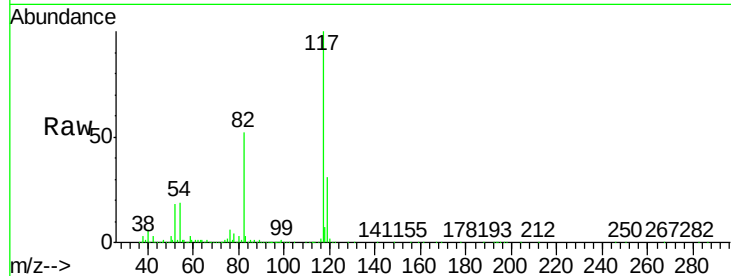




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

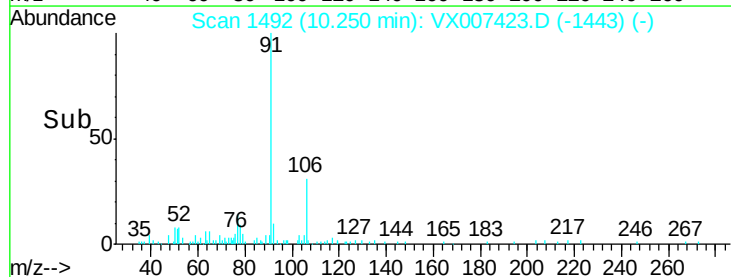
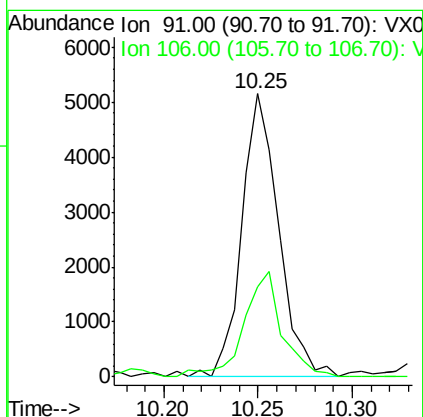
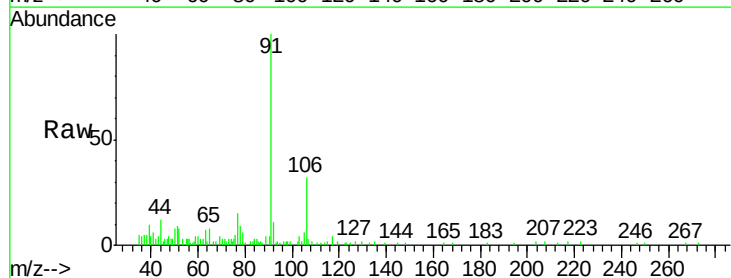
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

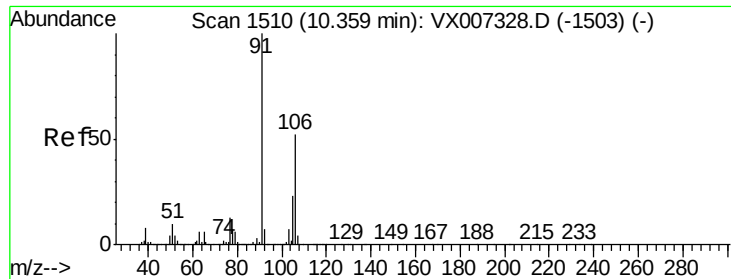
Tot Ion:117 Resp: 755903
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 31.2 26.5 39.7



#67
Ethyl Benzene
Concen: 0.263 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

Tgt Ion: 91 Resp: 6973
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

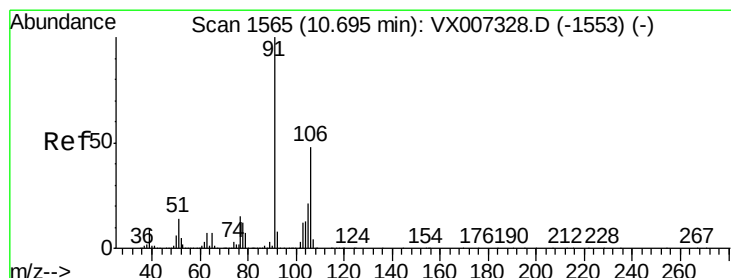
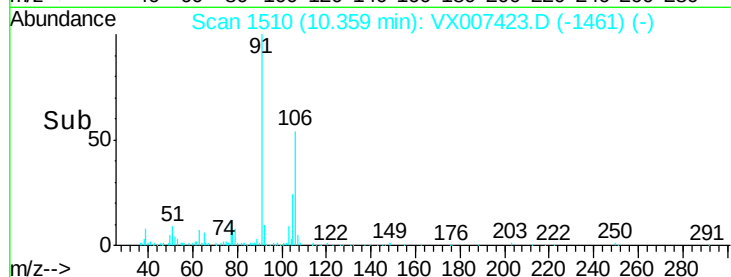
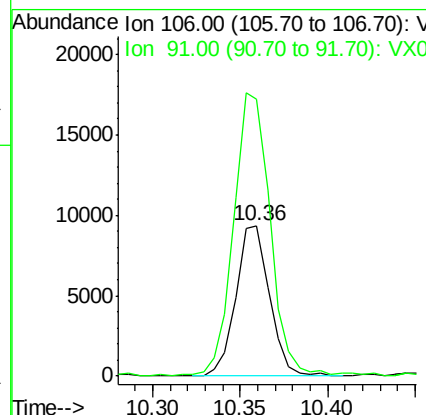
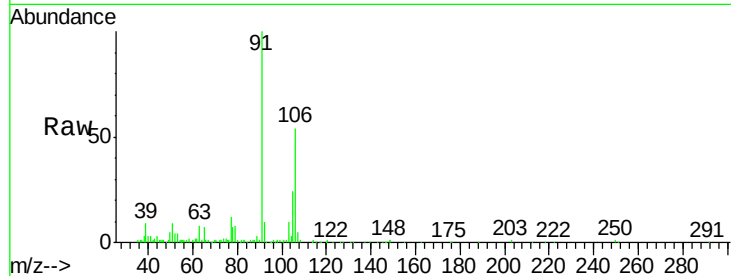




#68
m/p-Xylenes
Concen: 1.184 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

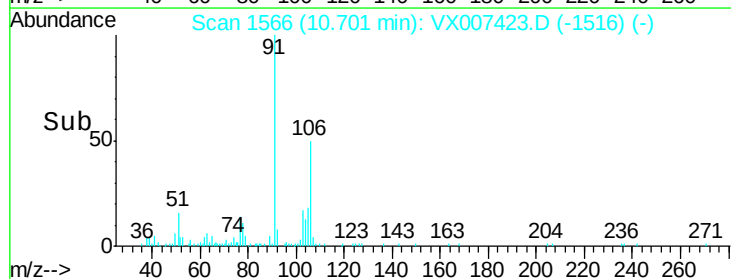
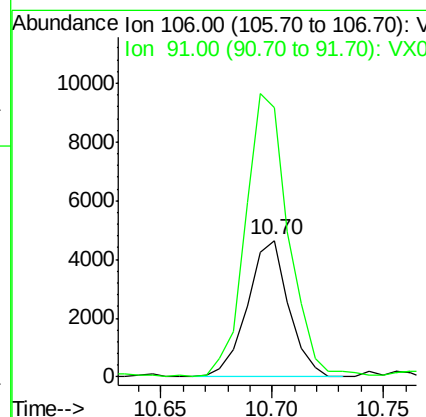
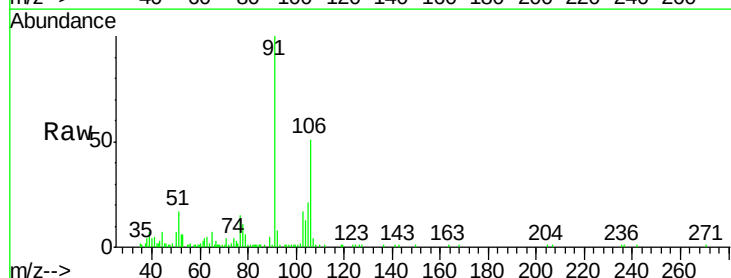
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

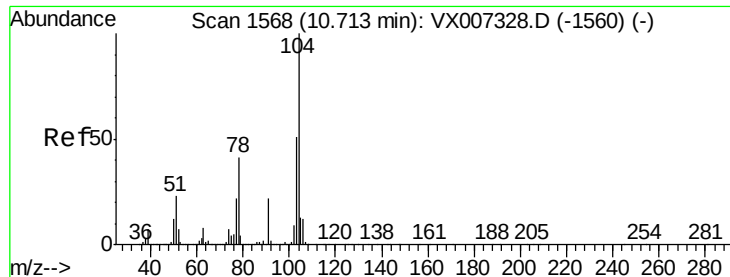
Tot Ion:106 Resp: 12500
Ion Ratio Lower Upper
106 100
91 202.0 156.6 234.8



#69
o-Xylene
Concen: 0.589 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007423.D
Acq: 07 Feb 2019 14:16

Tgt Ion:106 Resp: 5980
Ion Ratio Lower Upper
106 100
91 218.3 102.9 308.7





#70

Stvrene

Concen: 0.279 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

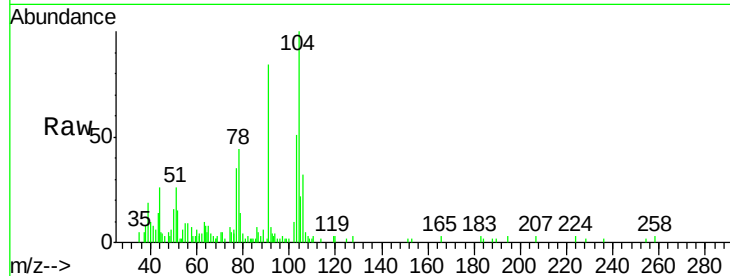
Tot Ion:104 Resp: 4601

Ion Ratio Lower Upper

104 100

78 56.4 38.3 57.5

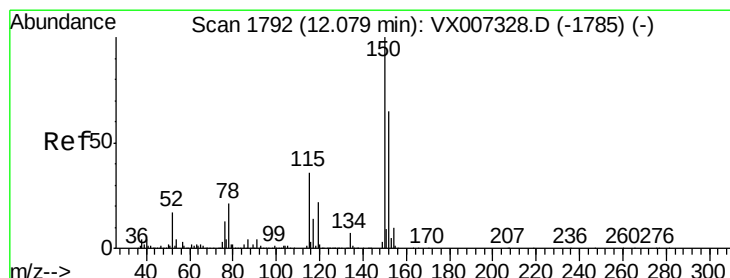
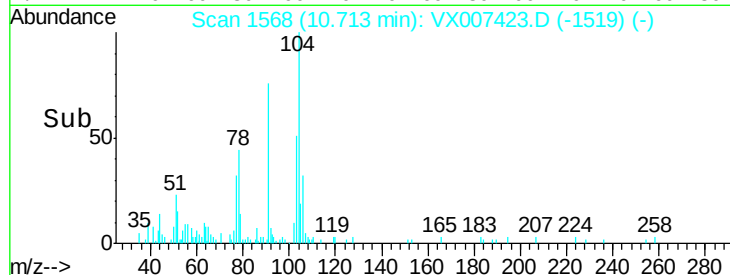
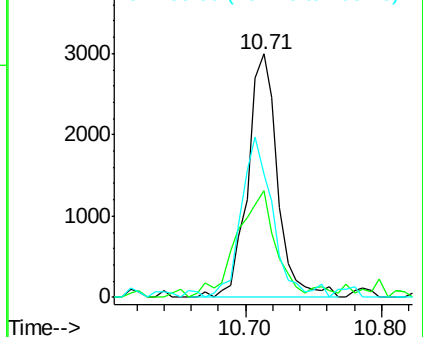
103 68.5 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX007423.D

Acq: 07 Feb 2019 14:16

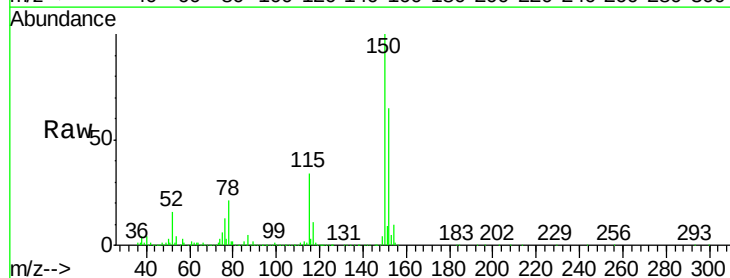
Tgt Ion:152 Resp: 378313

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

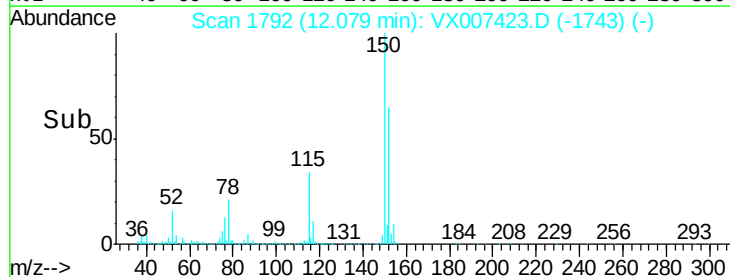
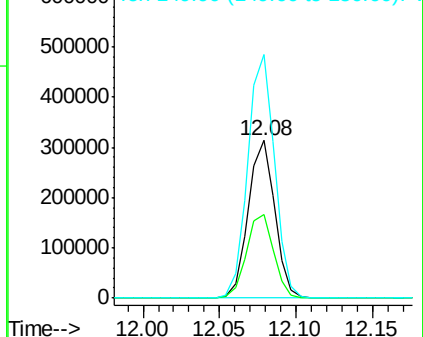
150 156.4 0.0 346.4

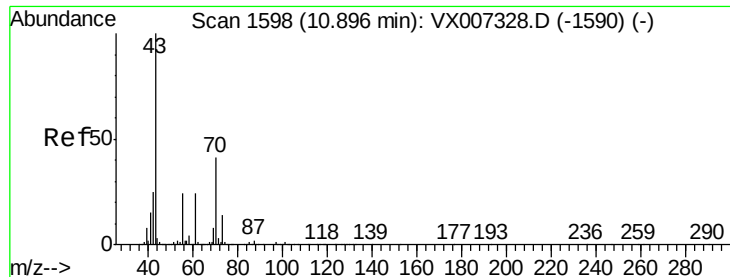


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 1.842 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

COMP-1

Tot Ion: 43 Resp: 18318

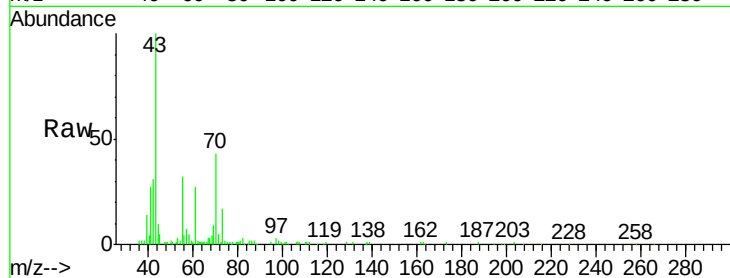
Ion Ratio Lower Upper

43 100

70 59.0 33.8 50.6#

55 45.1 19.5 29.3#

61 26.5 19.4 29.2

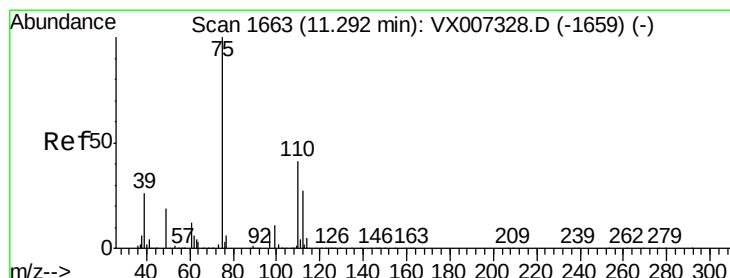
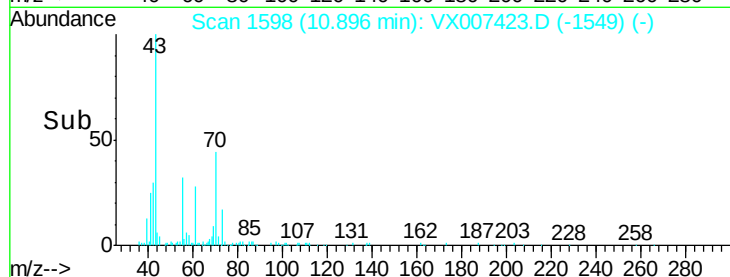
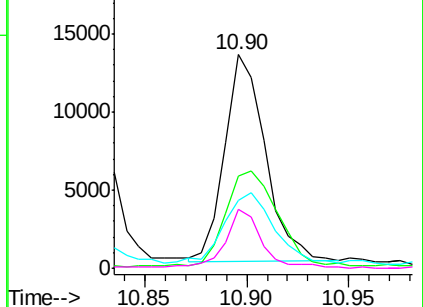


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 22.374 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007423.D

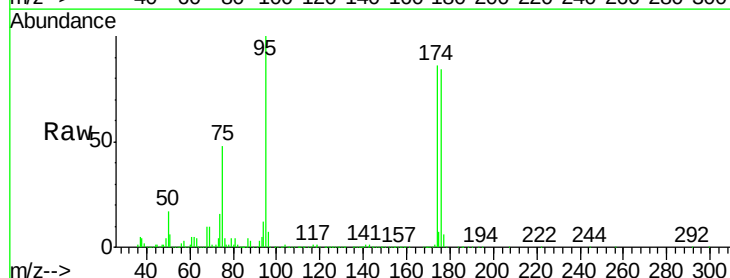
Acq: 07 Feb 2019 14:16

Tgt Ion: 75 Resp: 164646

Ion Ratio Lower Upper

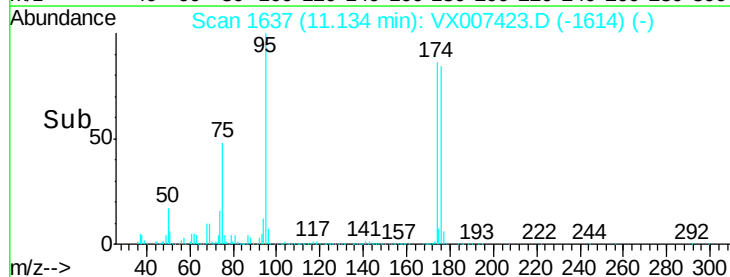
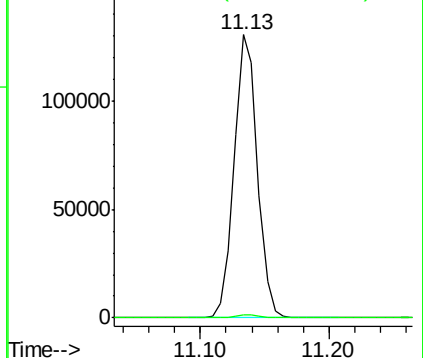
75 100

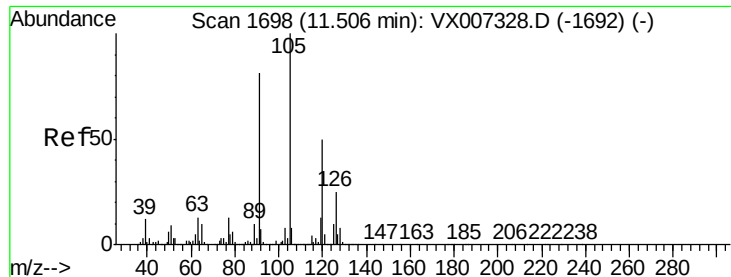
77 1.3 23.0 69.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.278 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

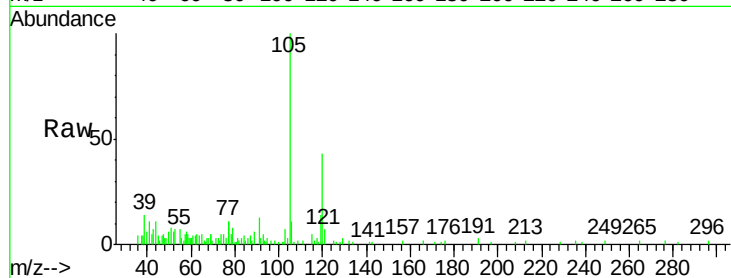
COMP-1

Tot Ion:105 Resp: 5842

Ion Ratio Lower Upper

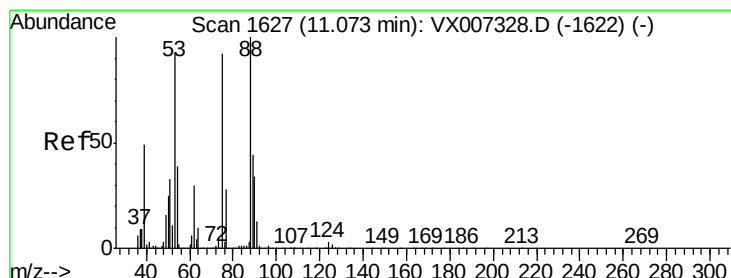
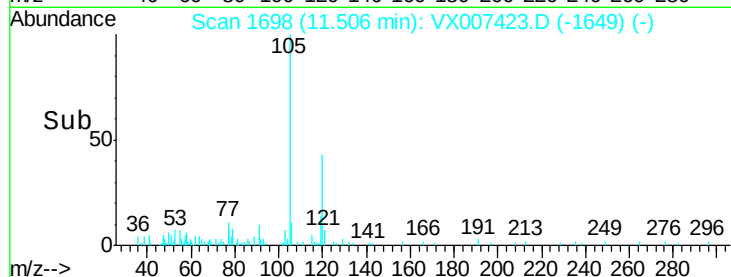
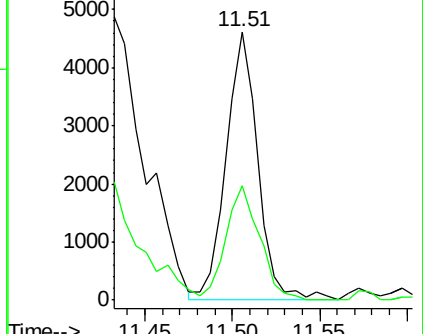
105 100

120 45.0 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: 67.537 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

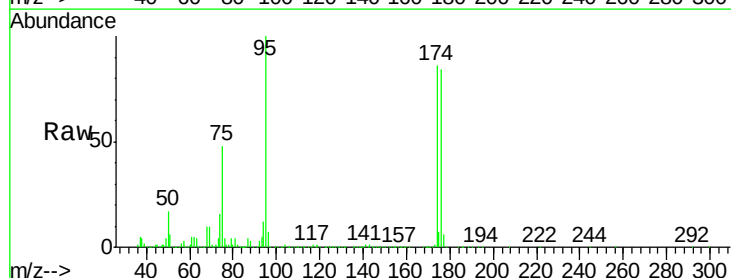
Tgt Ion: 75 Resp: 164646

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

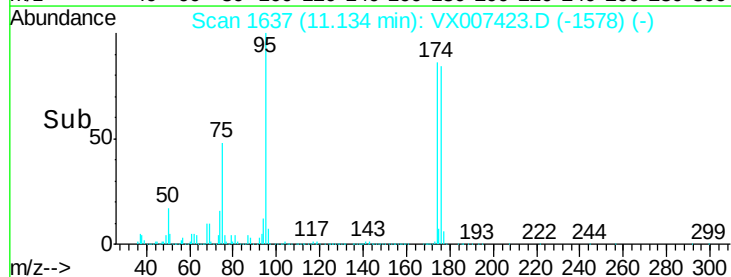
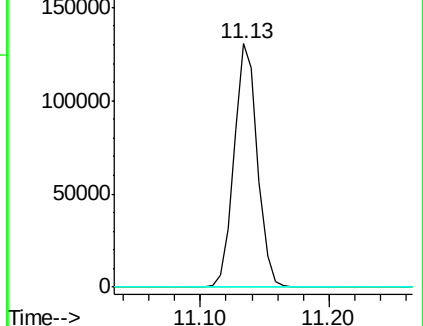
89 0.2 41.4 62.0#

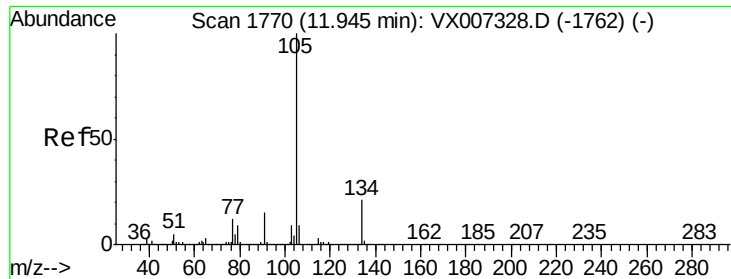


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#85

sec-Butylbenzene

Concen: 4.641 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

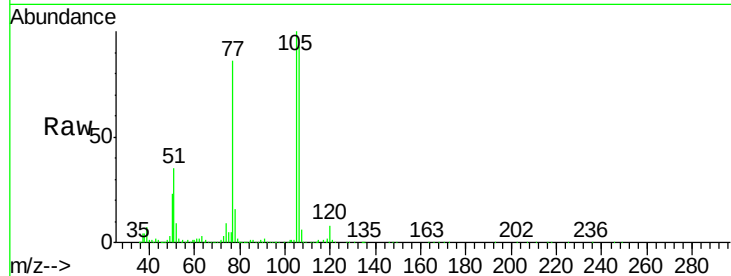
COMP-1

Tot Ion:105 Resp: 116957

Ion Ratio Lower Upper

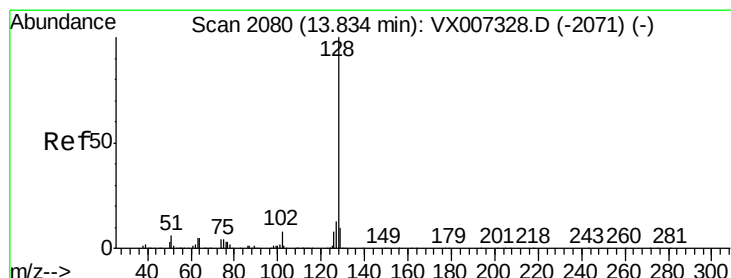
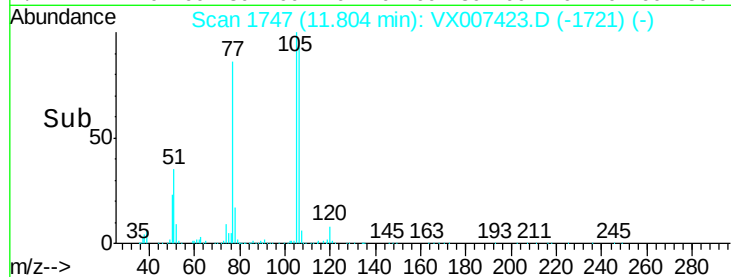
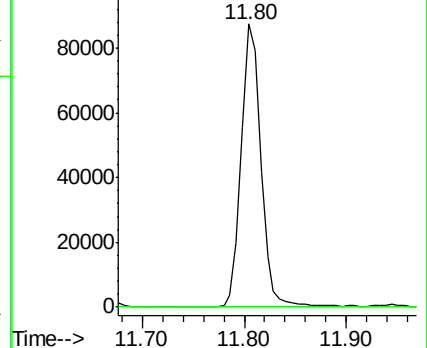
105 100

134 0.1 10.6 31.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 2.370 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007423.D

Acq: 07 Feb 2019 14:16

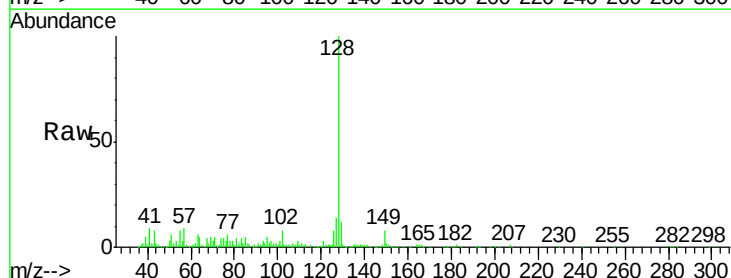
Tgt Ion:128 Resp: 60464

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 12.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

