

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011268.D
 Acq On : 01 Aug 2019 18:57
 Operator : JC/SP
 Sample : VX0801WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

Quant Time: Aug 02 02:06:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	132317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	208493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	193879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90016	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	68638	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	5.49	113	66081	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	248842	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.13	95	84635	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	279	0.273	ug/l #	42
3) Chloromethane	1.32	50	491	0.428	ug/l #	57
4) Vinyl Chloride	1.40	62	365	0.289	ug/l #	70
5) Bromomethane	1.64	94	992	1.102	ug/l	99
6) Chloroethane	1.72	64	360	Below Cal	#	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	256	0.211	ug/l #	68
10) Methyl Iodide	2.51	142	1240	0.810	ug/l #	92
11) Tert butyl alcohol	3.01	59	2065	7.794	ug/l	95
12) 1,1-Dichloroethene	2.37	96	264	0.219	ug/l #	83
13) Acrolein	2.28	56	218	0.899	ug/l #	15
15) Acrylonitrile	3.14	53	261	0.412	ug/l #	13
16) Acetone	2.44	43	488	0.769	ug/l #	84
17) Carbon Disulfide	2.56	76	2131	0.754	ug/l #	80
18) Methyl Acetate	2.76	43	540	0.373	ug/l #	61
20) Methylene Chloride	2.85	84	519	0.374	ug/l #	68
21) trans-1,2-Dichloroethene	3.16	96	438	0.344	ug/l #	82
25) 2-Butanone	4.67	43	252	0.279	ug/l #	46
29) Tetrahydrofuran	5.12	42	485	0.877	ug/l #	39
30) Chloroform	5.19	83	508	0.225	ug/l #	73
36) 1,1-Dichloropropene	5.81	75	394	0.216	ug/l #	60
38) Carbon Tetrachloride	5.65	117	12007	6.556	ug/l #	16
39) Methylcyclohexane	7.46	83	522	0.242	ug/l #	64
41) Methacrylonitrile	5.05	41	308	0.309	ug/l #	34
49) 1,4-Dioxane	7.83	88	23	0.577	ug/l #	1
53) t-1,3-Dichloropropene	9.05	75	339	2.996	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.32	63	292	0.282	ug/l	97
59) 2-Hexanone	9.51	43	418	0.286	ug/l	90
68) m/p-Xylenes	10.36	106	657	0.244	ug/l	76
74) N-amyl acetate	10.91	43	459	0.206	ug/l #	60
76) 1,2,3-Trichloropropane	11.13	75	40653	24.799	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	40653	64.751	ug/l #	10
82) 4-Chlorotoluene	11.51	91	987	0.208	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	798	0.265	ug/l	93
88) 1,4-Dichlorobenzene	12.02	146	798	0.257	ug/l	90

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Instrument :
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ClientSampleId :
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Quant Time: Aug 02 02:06:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

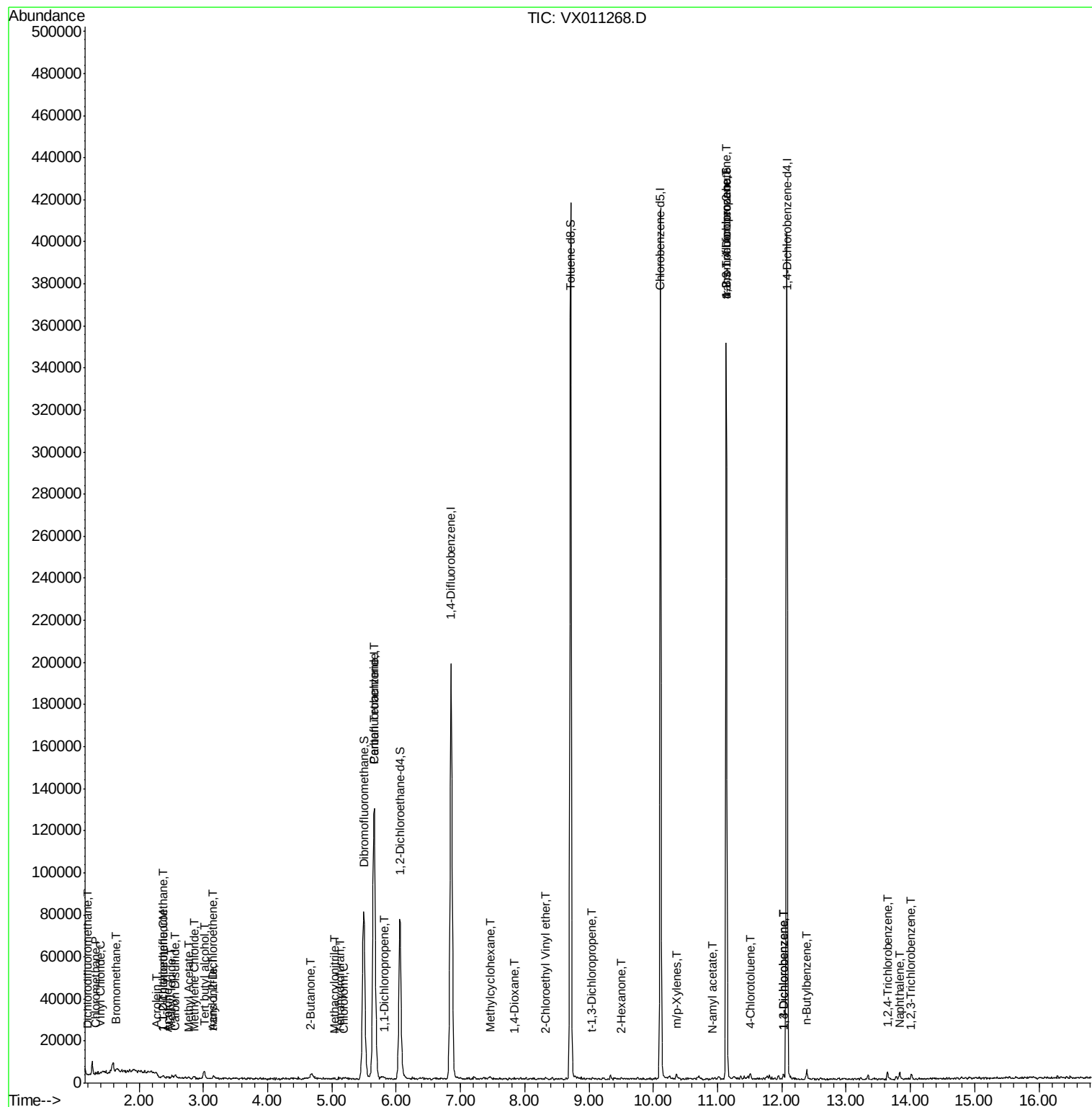
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	1198	0.249	ug/l	93
93) 1,2,4-Trichlorobenzene	13.64	180	902	0.449	ug/l	96
95) Naphthalene	13.83	128	2025	0.345	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	832	0.407	ug/l	89

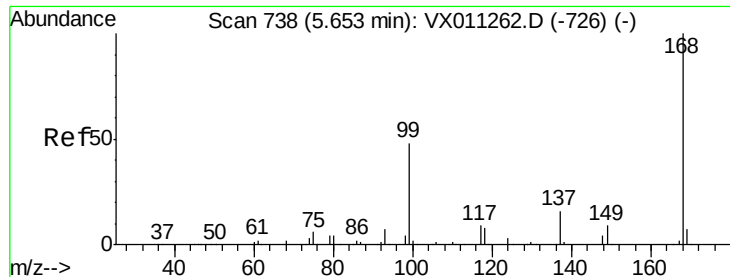
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX0801WBL01

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

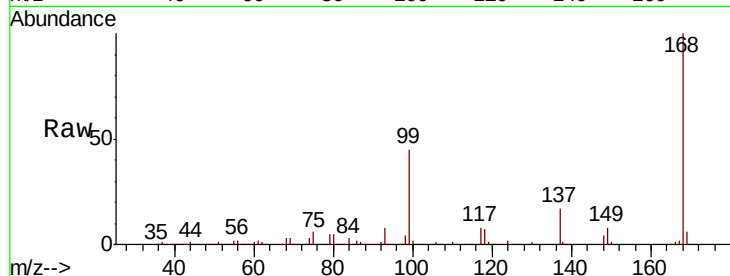
VX0801WBL01

Tot Ion:168 Resp: 132317

Ion Ratio Lower Upper

168 100

99 45.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

50000

40000

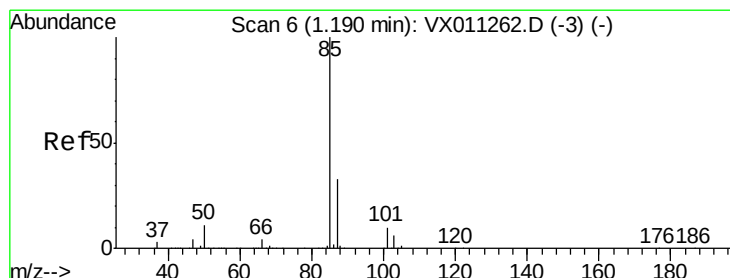
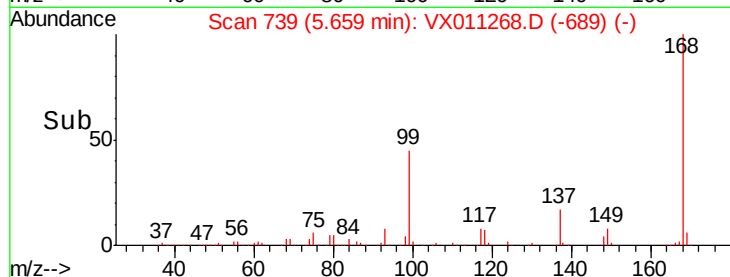
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.273 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011268.D

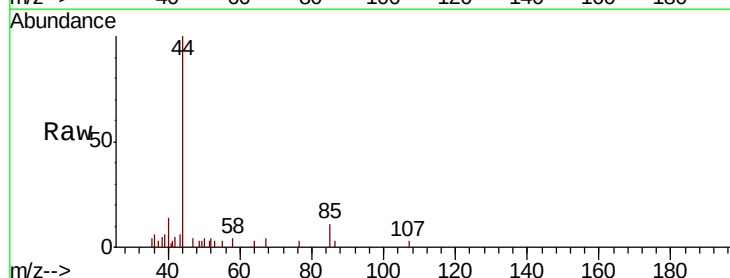
Acq: 01 Aug 2019 18:57

Tgt Ion: 85 Resp: 279

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250

200

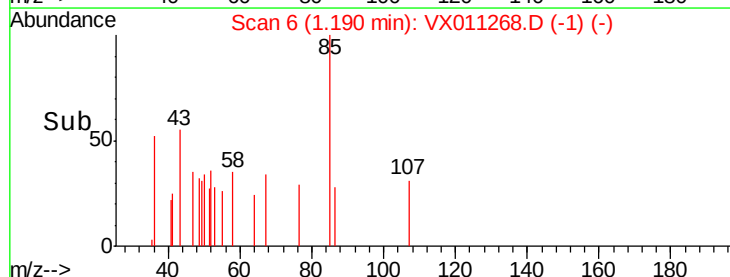
150

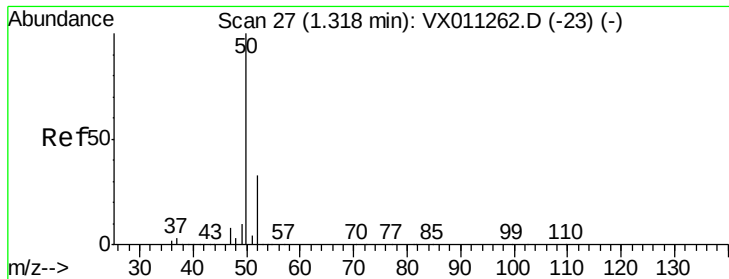
100

50

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.428 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

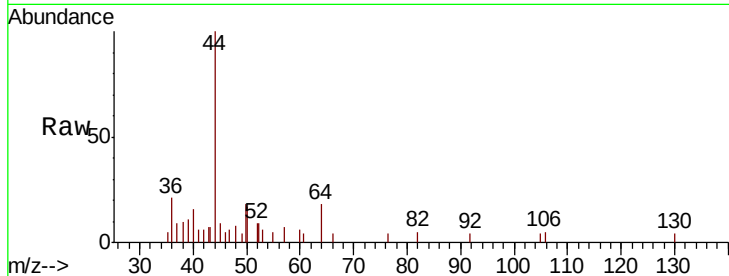
VX0801WBL01

Tot Ion: 50 Resp: 491

Ion Ratio Lower Upper

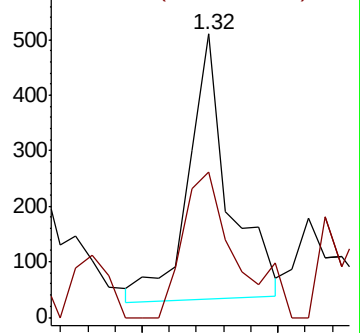
50 100

52 57.1 26.4 39.6#

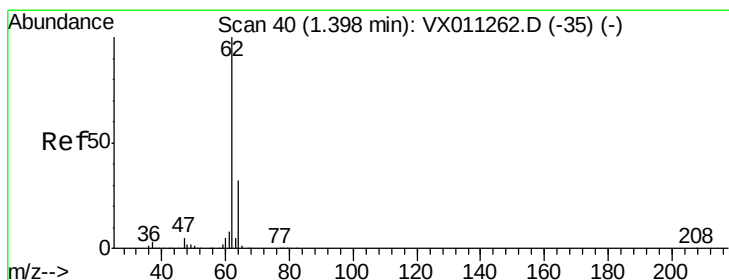
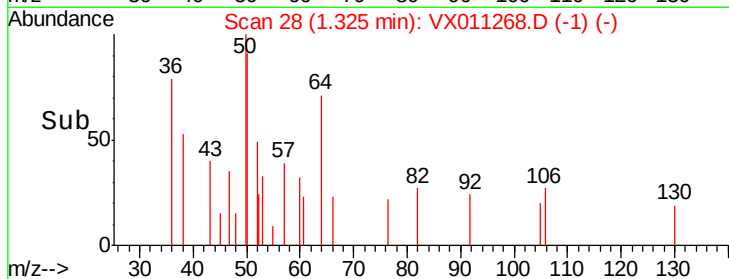


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 0.289 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011268.D

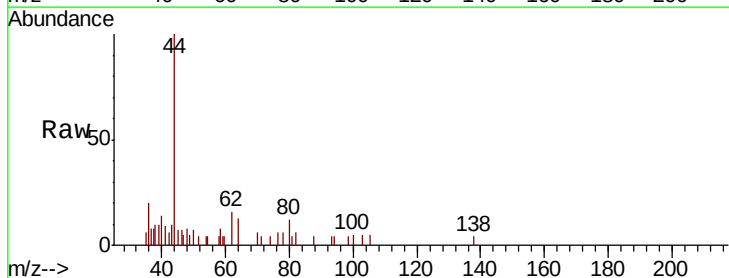
Acq: 01 Aug 2019 18:57

Tgt Ion: 62 Resp: 365

Ion Ratio Lower Upper

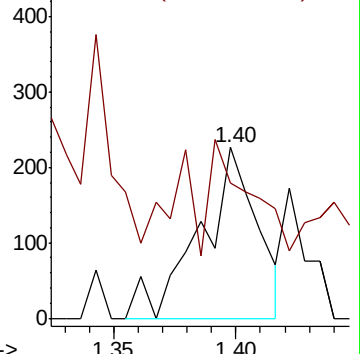
62 100

64 15.5 26.0 39.0#

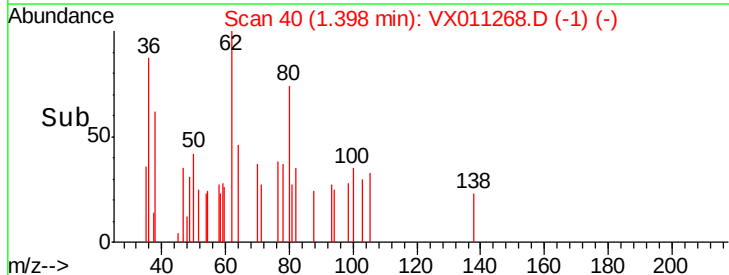


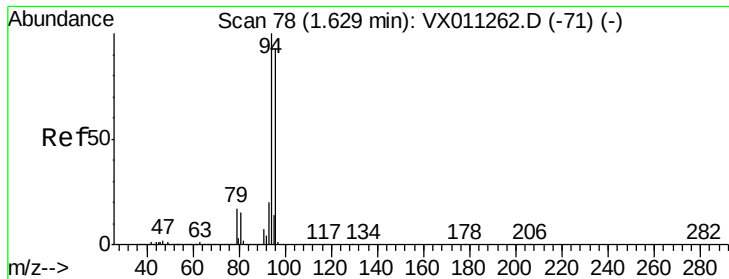
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 1.102 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

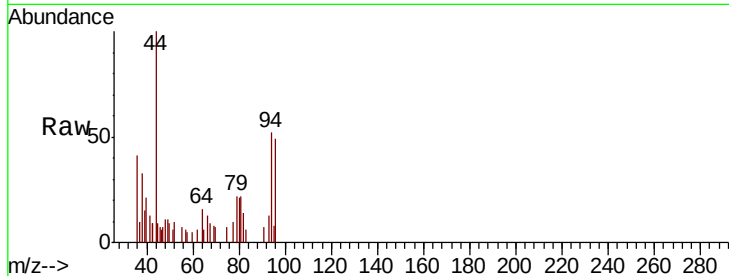
VX0801WBL01

Tot Ion: 94 Resp: 992

Ion Ratio Lower Upper

94 100

96 94.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

500

400

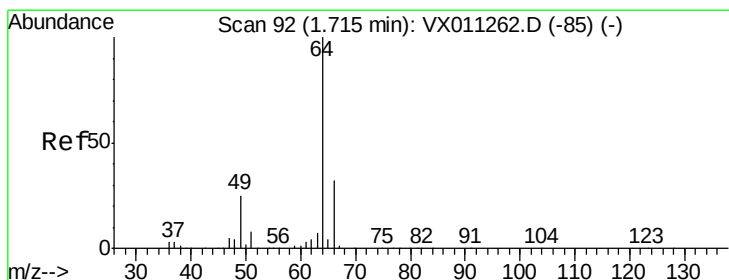
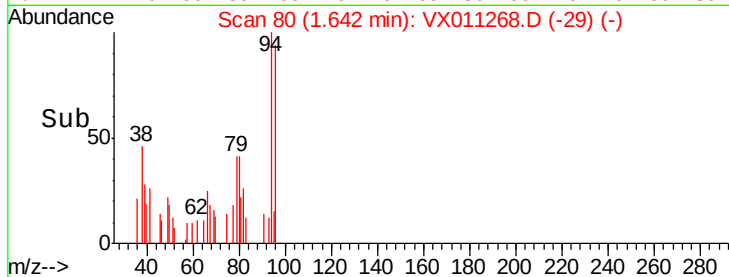
300

200

100

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX011268.D

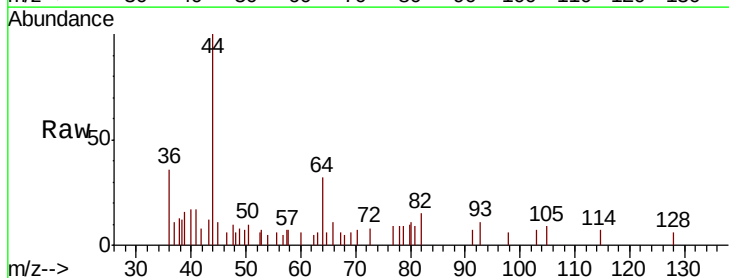
Acq: 01 Aug 2019 18:57

Tgt Ion: 64 Resp: 360

Ion Ratio Lower Upper

64 100

66 24.1 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

400

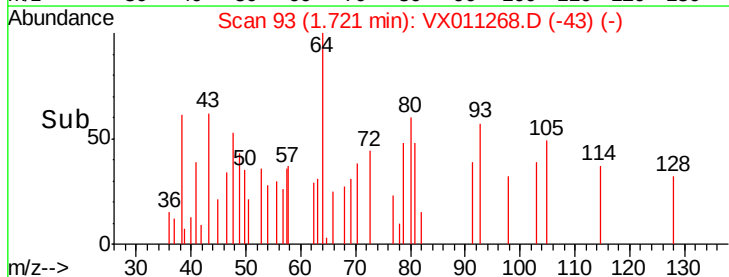
300

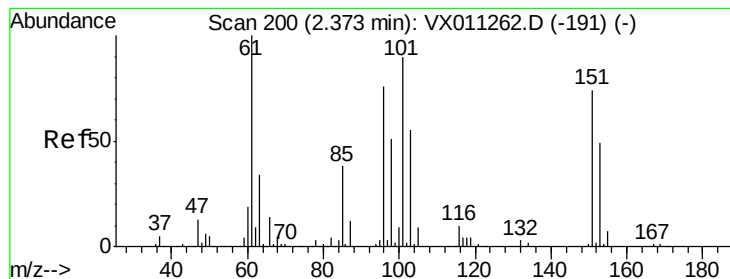
200

100

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.211 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

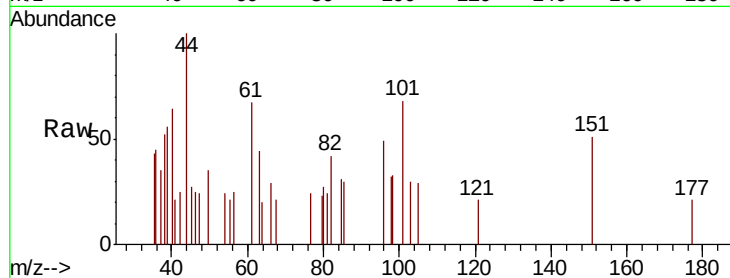
Tot Ion:101 Resp: 256

Ion Ratio Lower Upper

101 100

85 72.3 33.8 50.6#

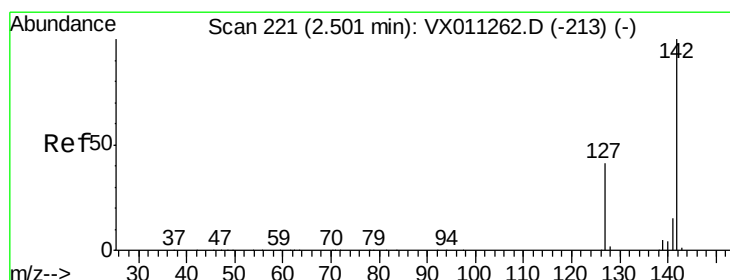
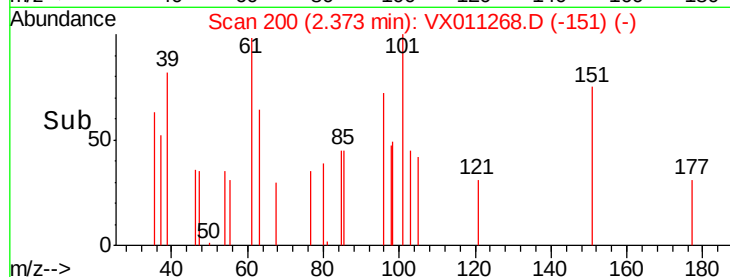
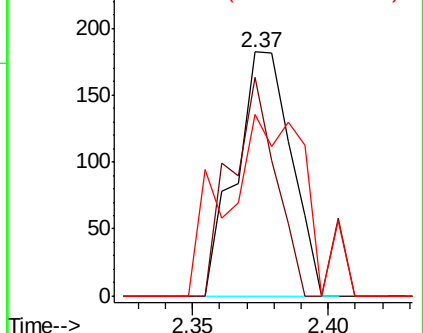
151 109.8 69.5 104.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.810 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

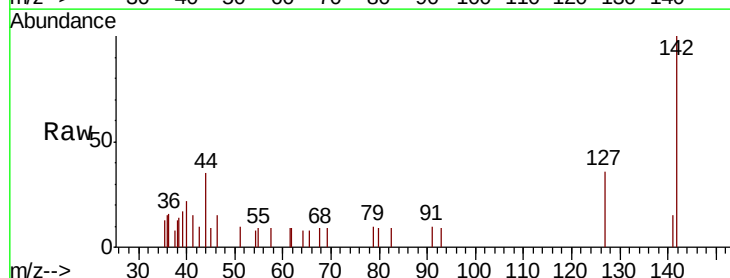
Tgt Ion:142 Resp: 1240

Ion Ratio Lower Upper

142 100

127 47.7 33.8 50.8

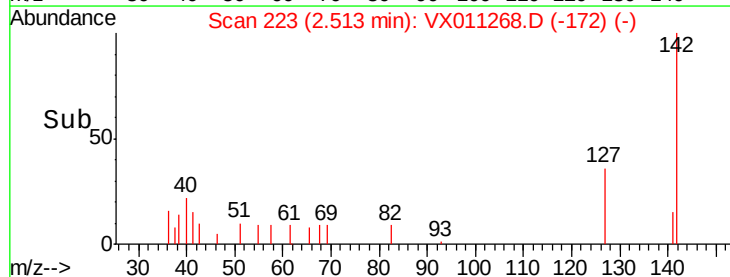
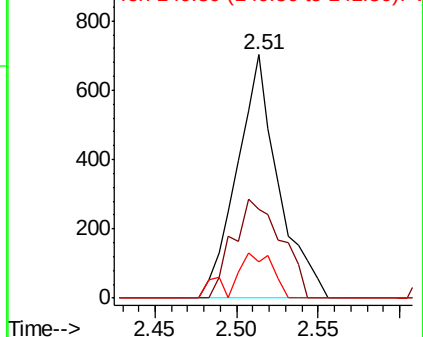
141 17.7 11.4 17.2#

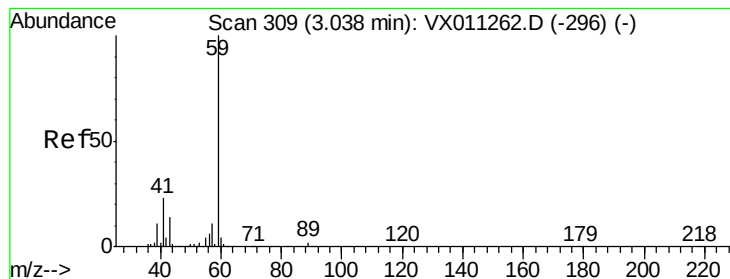


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



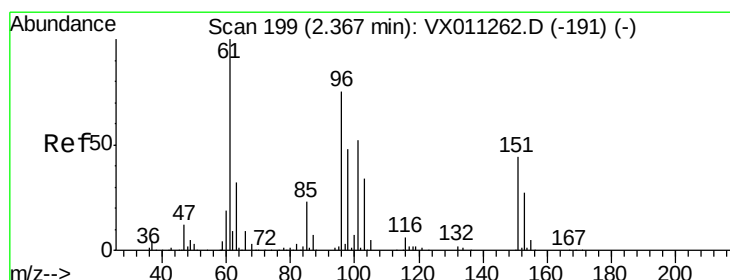
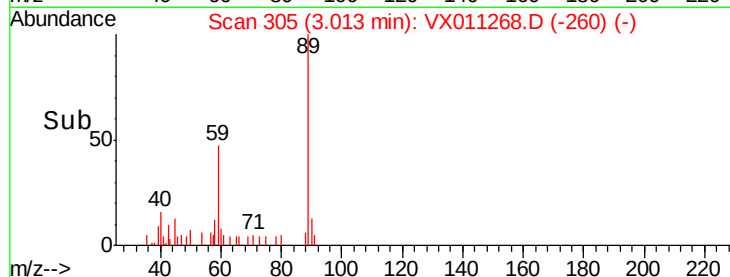
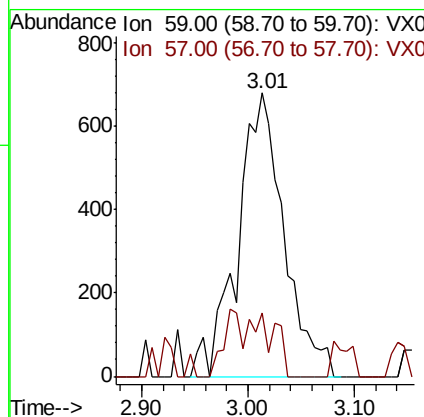
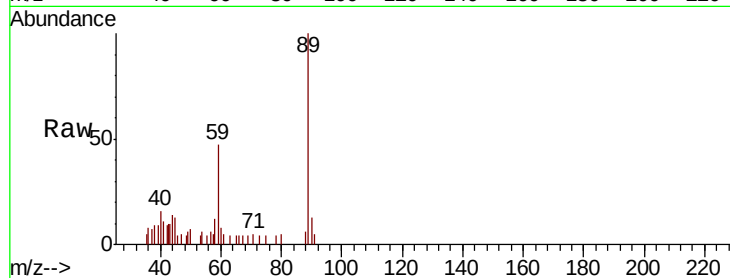


#11

Tert butyl alcohol
Concen: 7.794 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

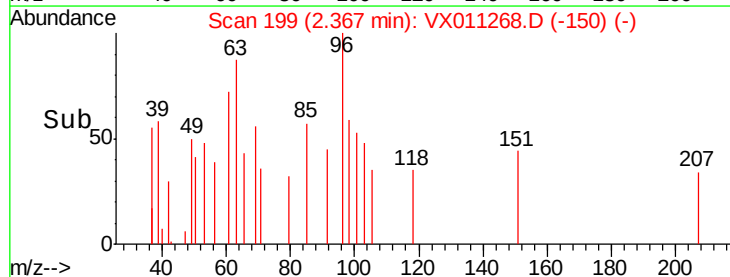
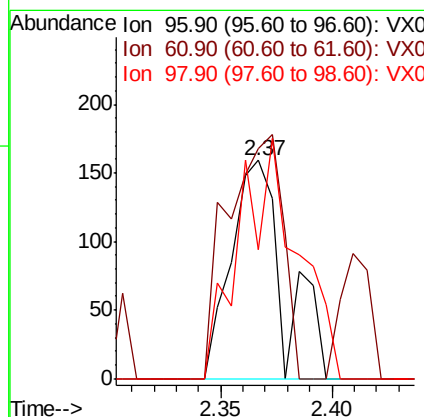
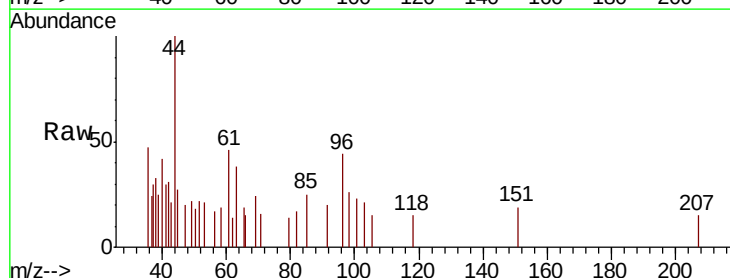
Tot Ion: 59 Resp: 2065
Ion Ratio Lower Upper
59 100
57 12.4 8.3 12.5

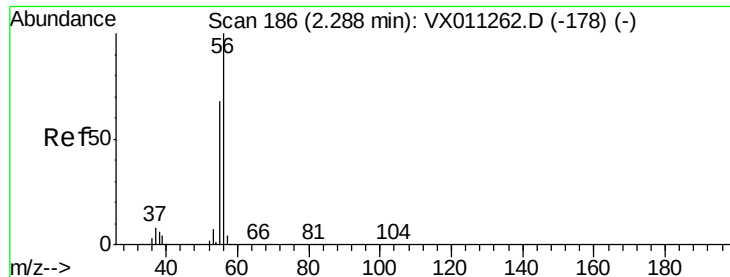


#12

1,1-Dichloroethene
Concen: 0.219 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Tgt Ion: 96 Resp: 264
Ion Ratio Lower Upper
96 100
61 105.7 106.2 159.2#
98 59.1 50.6 75.8





#13

Acrolein

Concen: 0.899 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

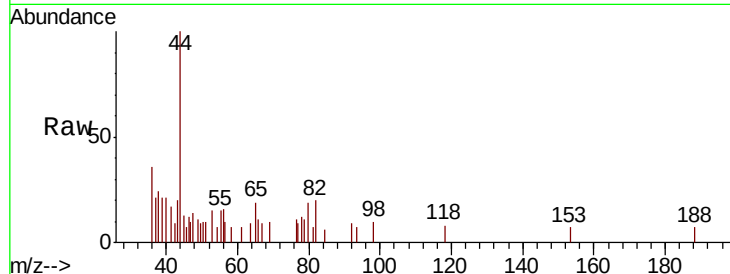
VX0801WBL01

Tot Ion: 56 Resp: 218

Ion Ratio Lower Upper

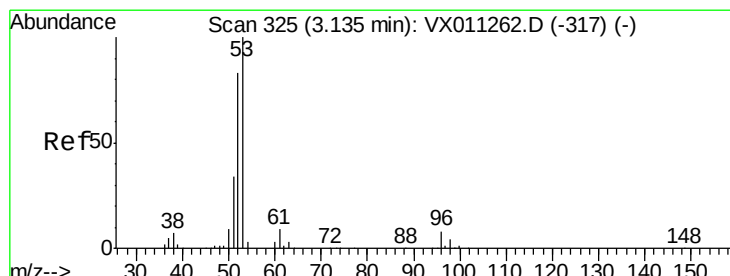
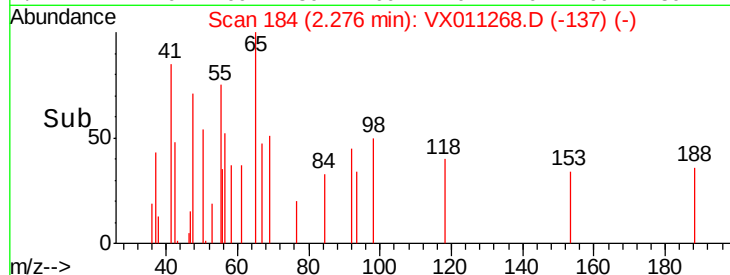
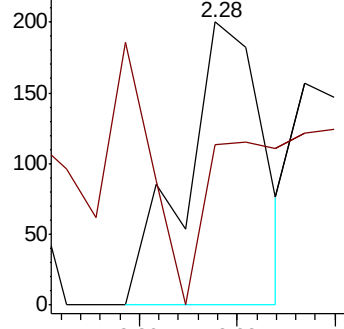
56 100

55 0.0 56.0 84.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.412 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

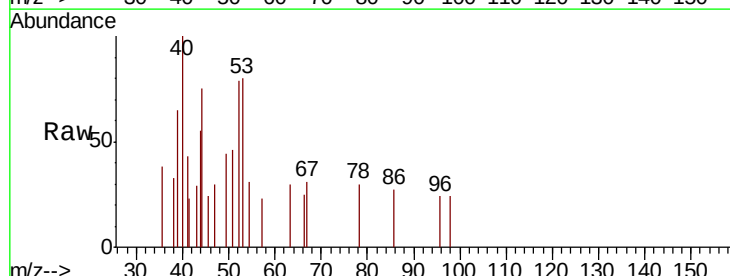
Tgt Ion: 53 Resp: 261

Ion Ratio Lower Upper

53 100

52 118.0 65.5 98.3#

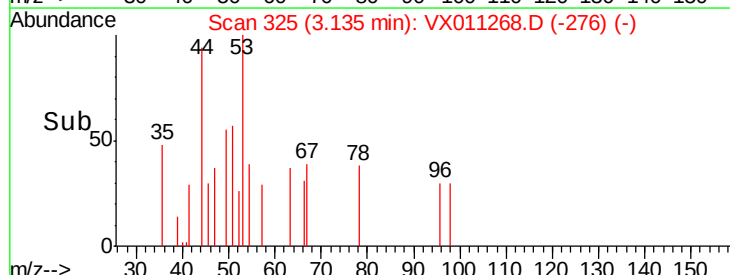
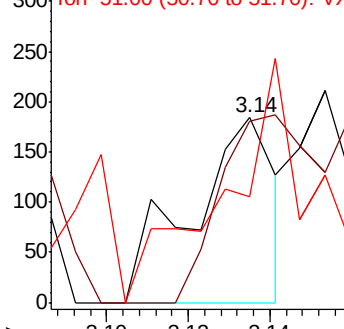
51 147.9 27.9 41.9#

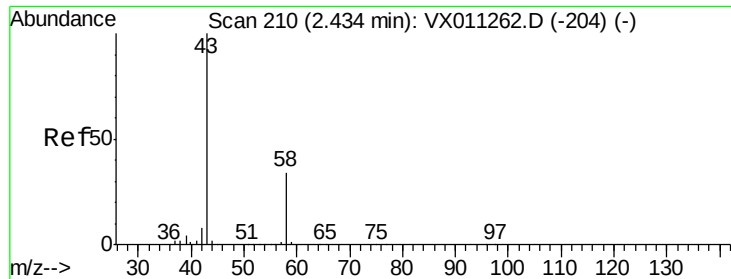


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.769 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

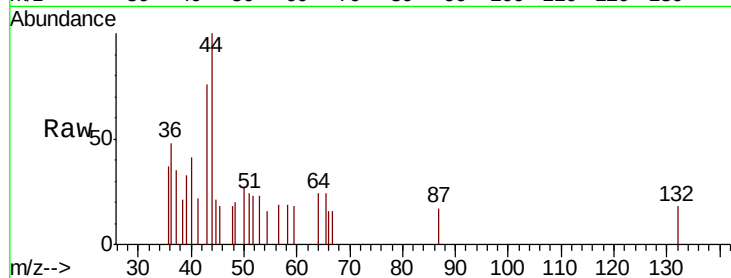
VX0801WBL01

Tot Ion: 43 Resp: 488

Ion Ratio Lower Upper

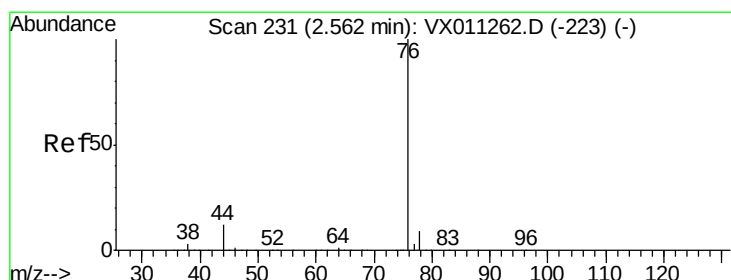
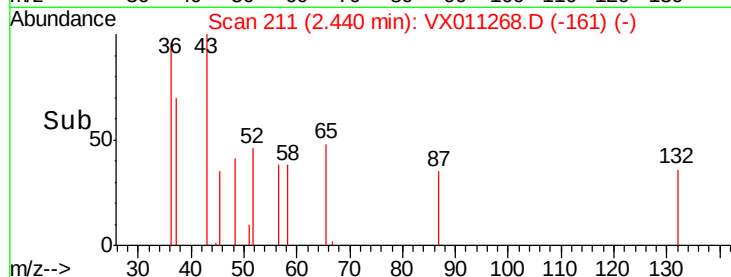
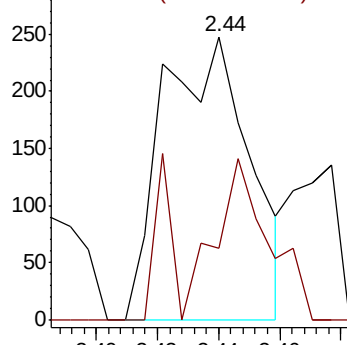
43 100

58 25.0 27.4 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.754 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011268.D

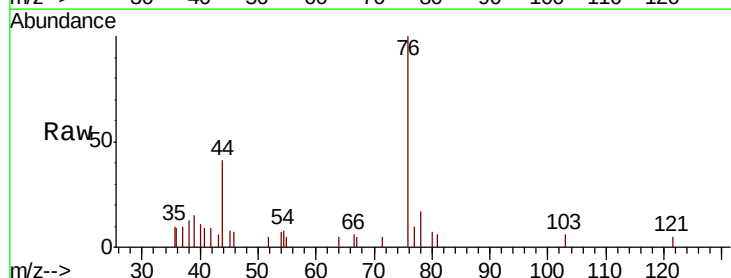
Acq: 01 Aug 2019 18:57

Tgt Ion: 76 Resp: 2131

Ion Ratio Lower Upper

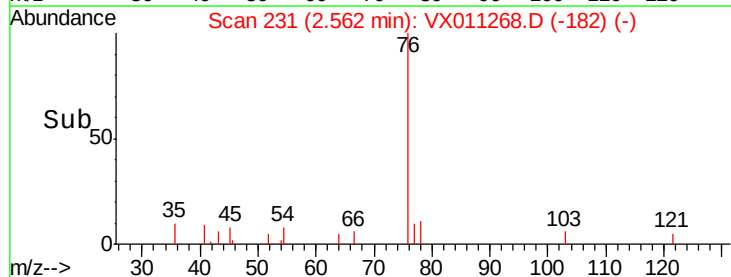
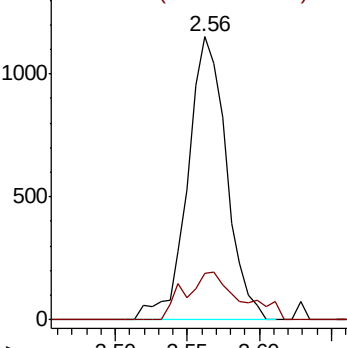
76 100

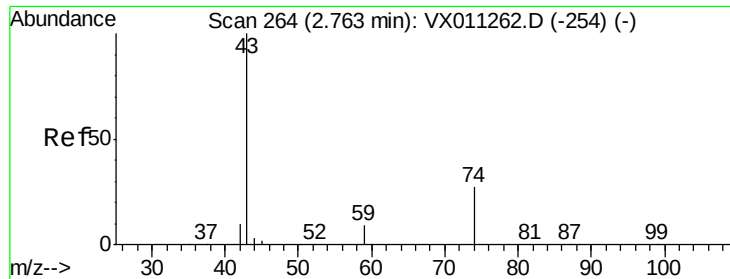
78 16.6 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

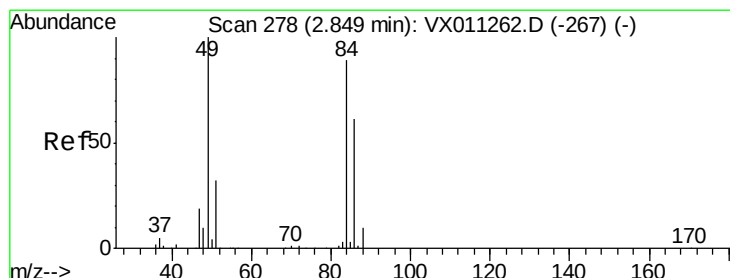
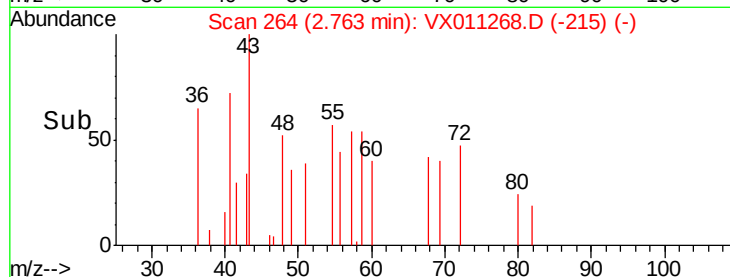
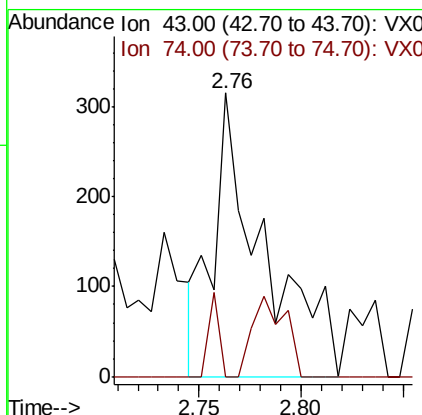
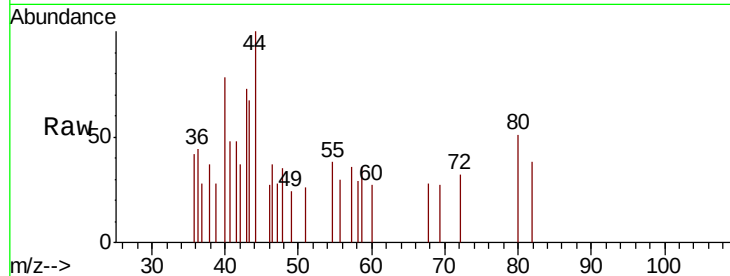




#18
Methyl Acetate
Concen: 0.373 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

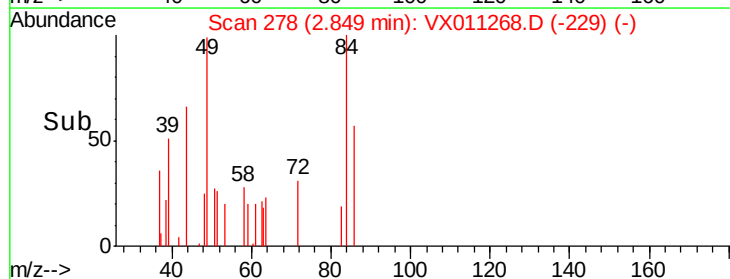
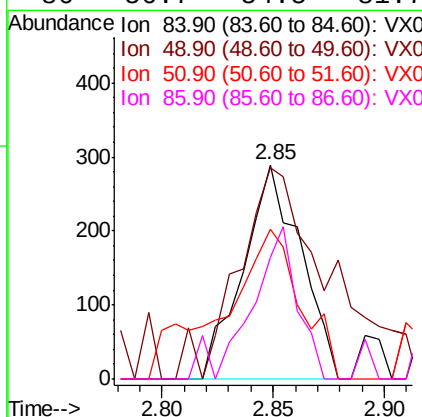
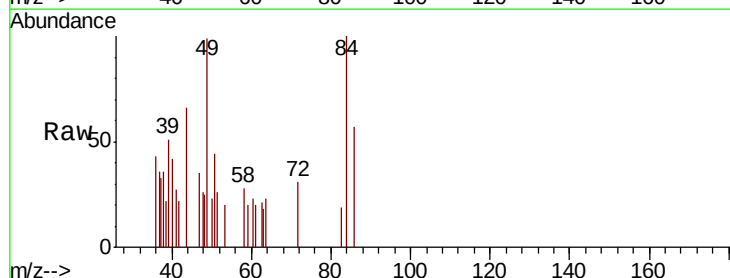
Instrument :
MSVOA_X
ClientSampled :
VX0801WBL01

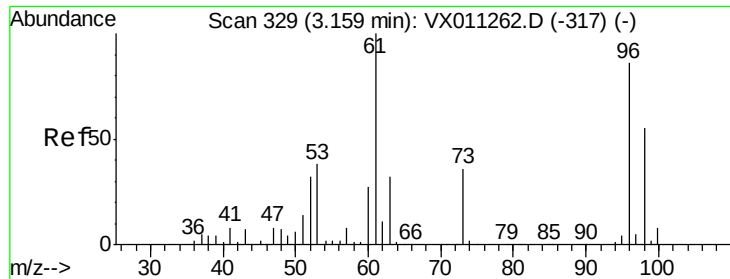
Tot Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
74 6.3 21.0 31.6#



#20
Methylene Chloride
Concen: 0.374 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Tgt Ion: 84 Resp: 519
Ion Ratio Lower Upper
84 100
49 74.7 89.3 133.9#
51 69.9 28.3 42.5#
86 56.7 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 0.344 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

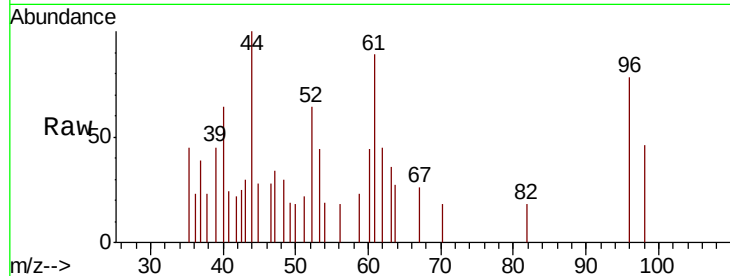
Tot Ion: 96 Resp: 438

Ion Ratio Lower Upper

96 100

61 90.4 92.8 139.2#

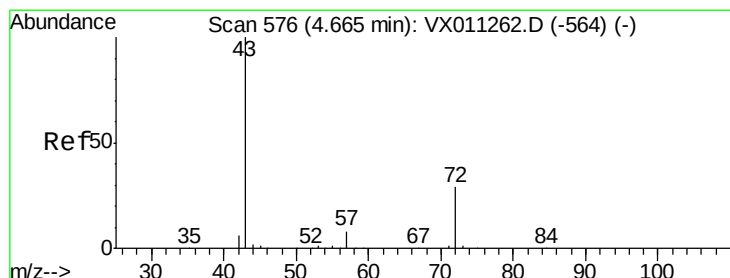
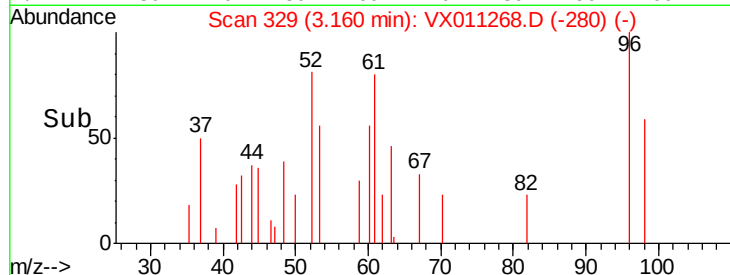
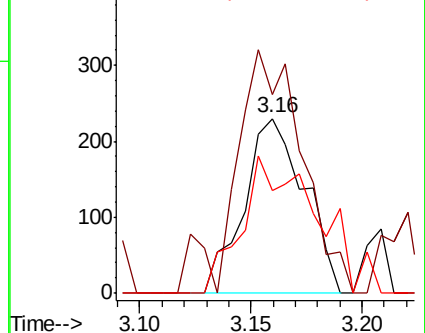
98 58.7 51.2 76.8



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



#25

2-Butanone

Concen: 0.279 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011268.D

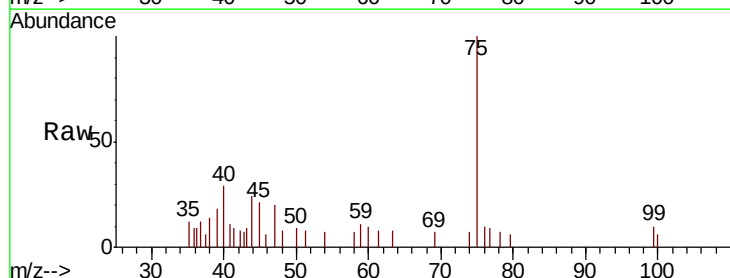
Acq: 01 Aug 2019 18:57

Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

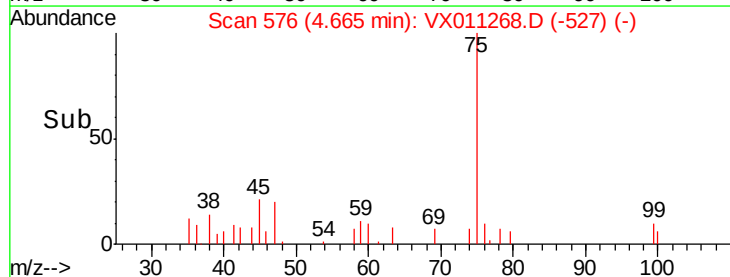
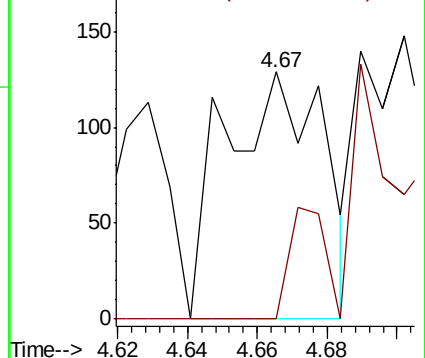
43 100

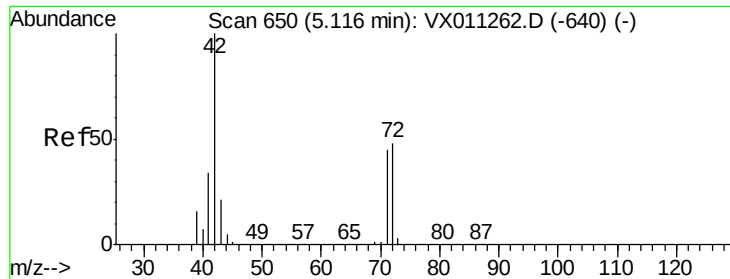
72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

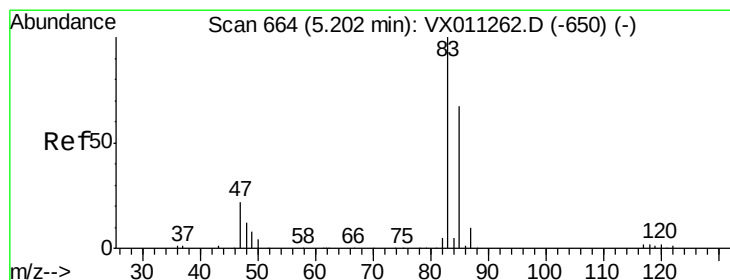
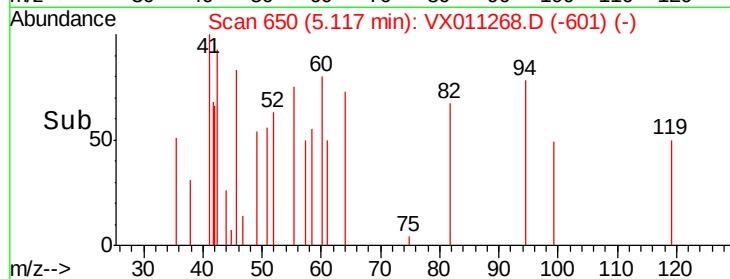
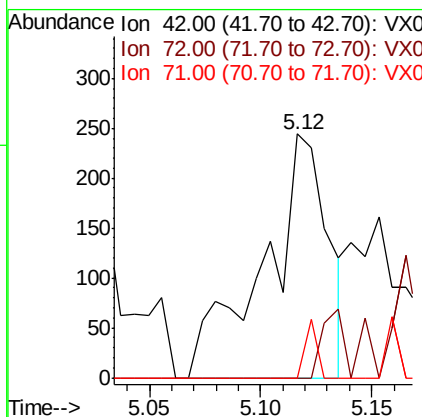
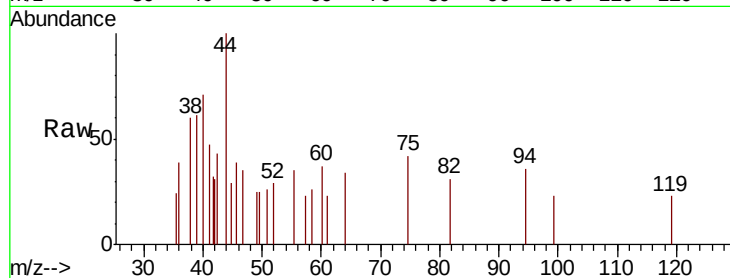




#29
Tetrahydrofuran
Concen: 0.877 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

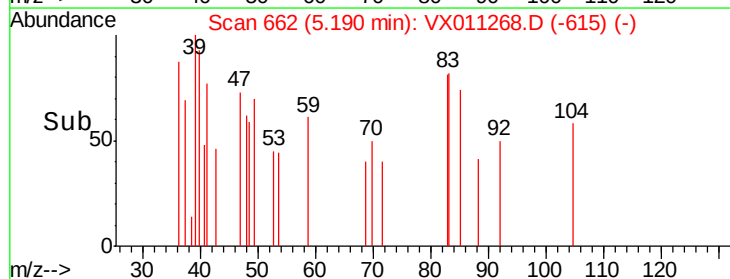
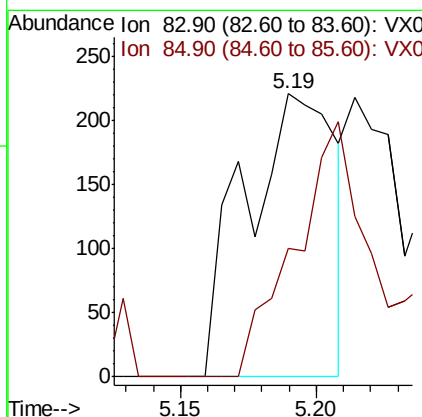
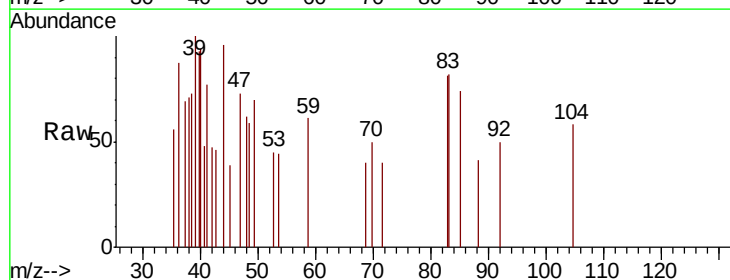
Instrument :
MSVOA_X
ClientSampled :
VX0801WBL01

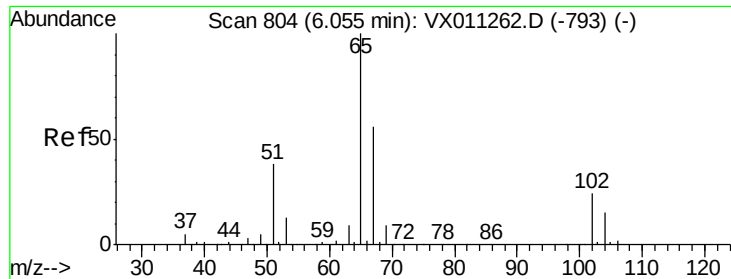
Tot Ion: 42 Resp: 485
Ion Ratio Lower Upper
42 100
72 9.3 39.9 59.9#
71 4.5 36.9 55.3#



#30
Chloroform
Concen: 0.225 ug/l
RT: 5.19 min Scan# 662
Delta R.T. -0.01 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Tgt Ion: 83 Resp: 508
Ion Ratio Lower Upper
83 100
85 45.2 53.4 80.0#

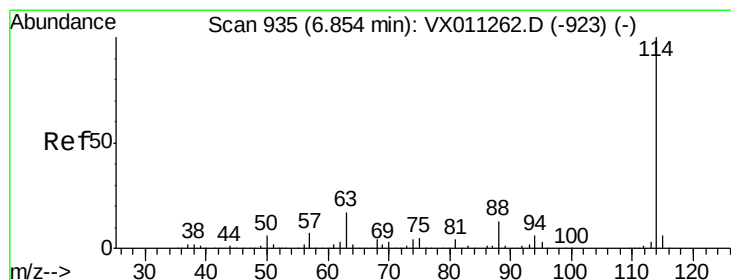
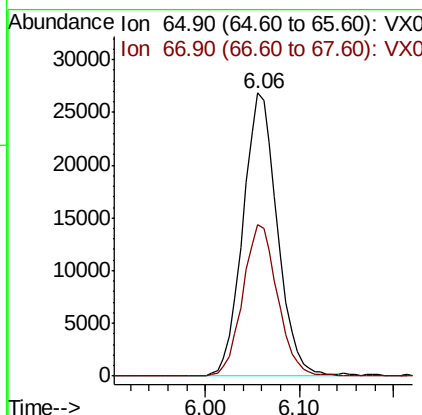
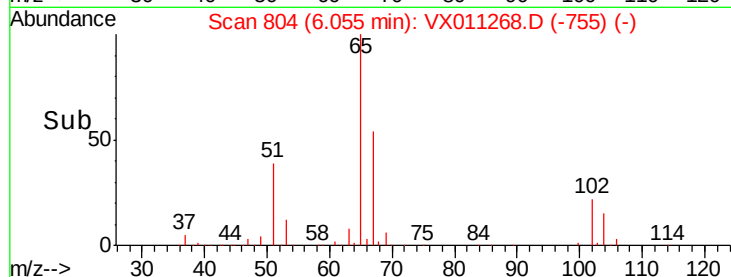
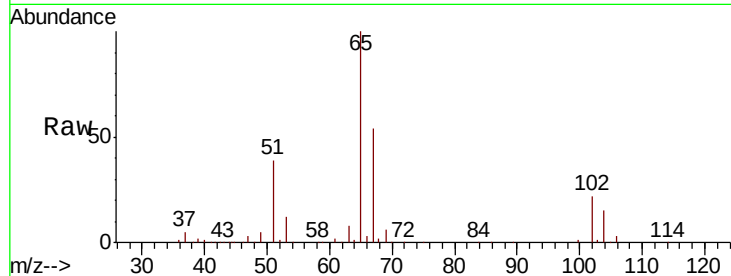




#33
 1,2-Dichloroethane-d4
 Concen: 51.511 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011268.D
 Acq: 01 Aug 2019 18:57

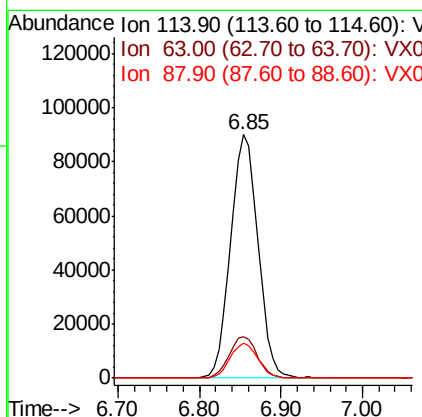
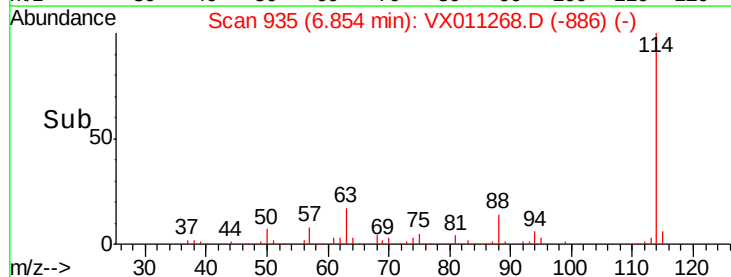
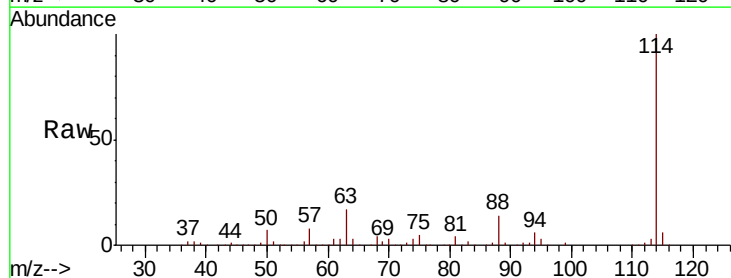
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

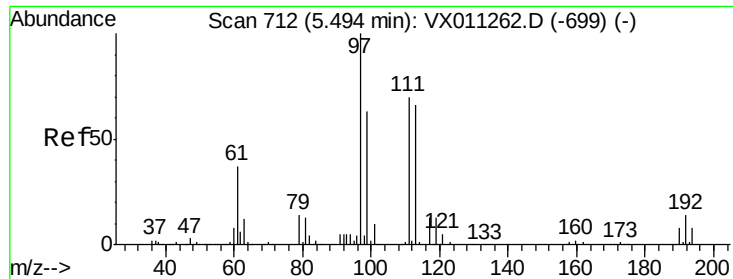
Tot Ion: 65 Resp: 68638
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011268.D
 Acq: 01 Aug 2019 18:57

Tgt Ion: 114 Resp: 208493
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.0
 88 14.2 0.0 26.4





#35

Dibromofluoromethane

Concen: 48.546 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

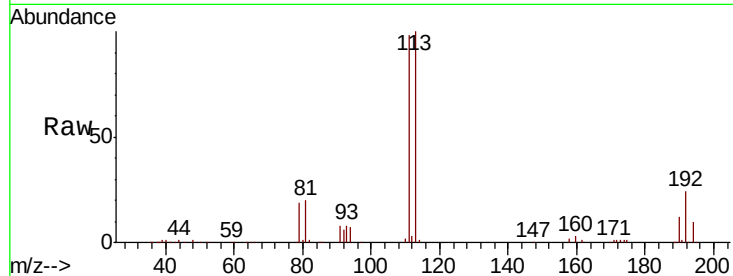
Tot Ion:113 Resp: 66081

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

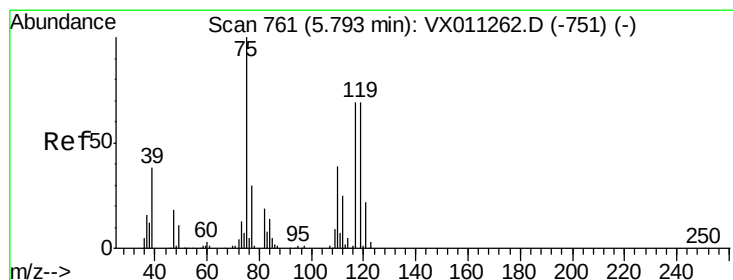
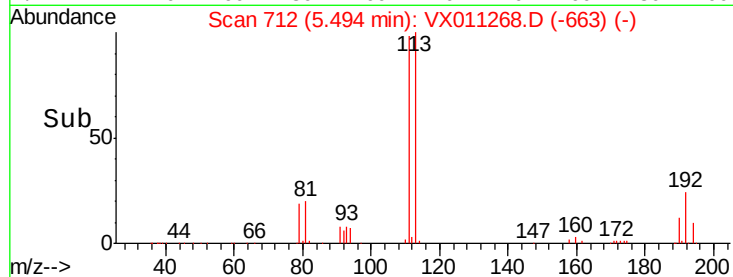
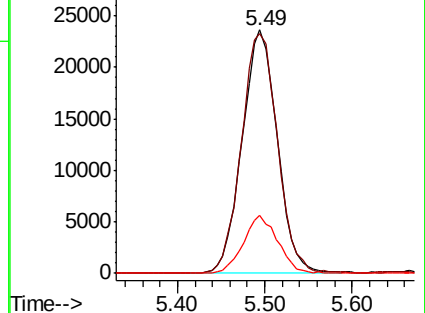
192 23.2 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.216 ug/l

RT: 5.81 min Scan# 764

Delta R.T. 0.02 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

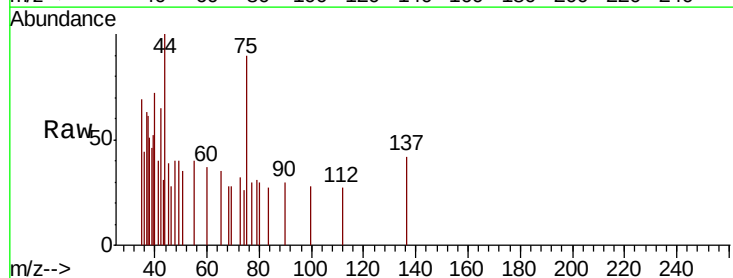
Tgt Ion: 75 Resp: 394

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

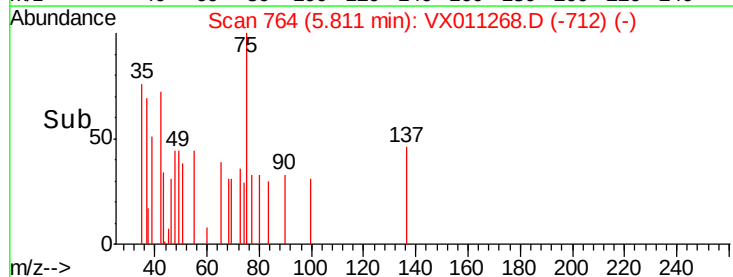
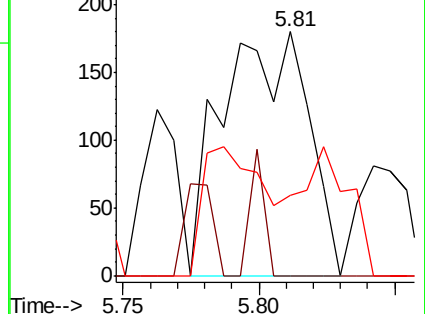
77 26.4 24.8 37.2

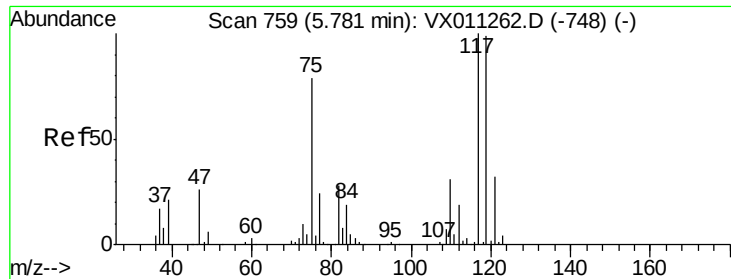


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.556 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

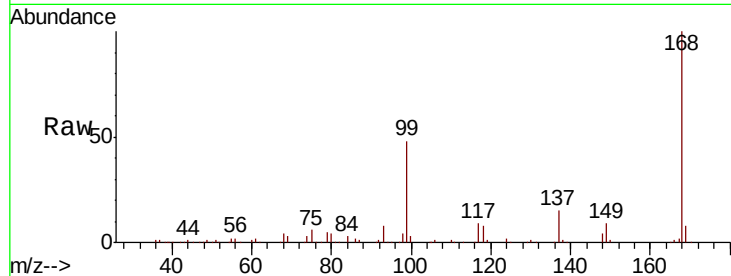
Tot Ion:117 Resp: 12007

Ion Ratio Lower Upper

117 100

119 6.1 79.0 118.4#

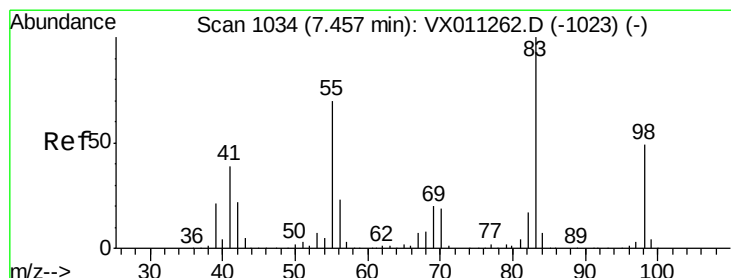
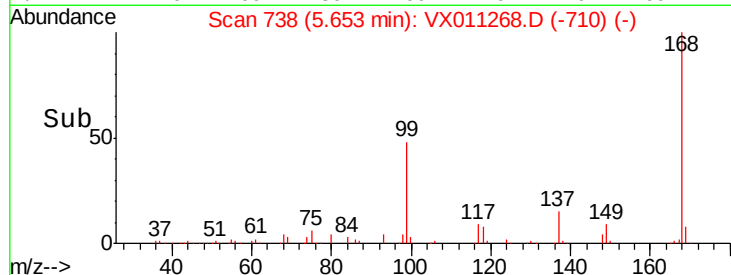
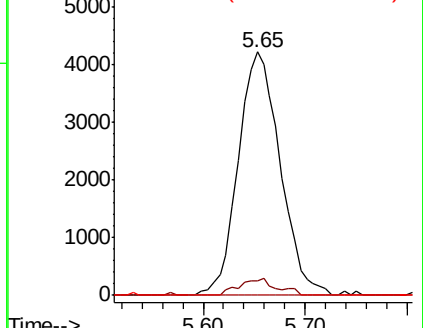
121 0.0 25.9 38.9#



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: 0.242 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

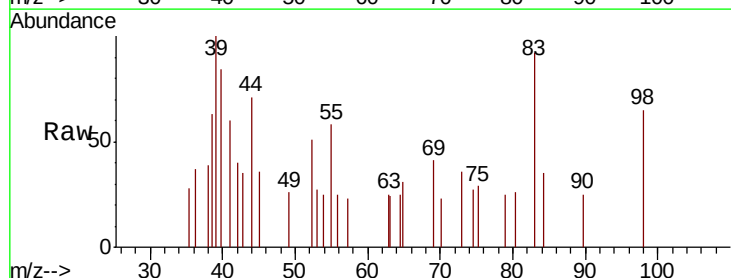
Tgt Ion: 83 Resp: 522

Ion Ratio Lower Upper

83 100

55 38.5 56.1 84.1#

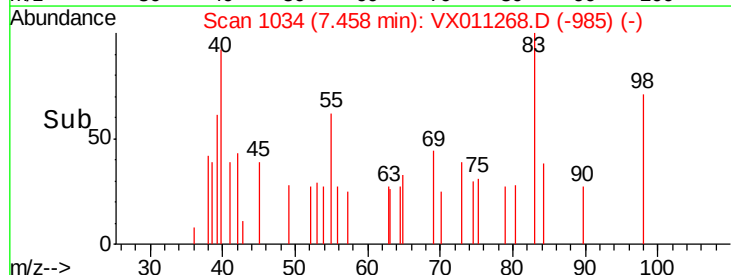
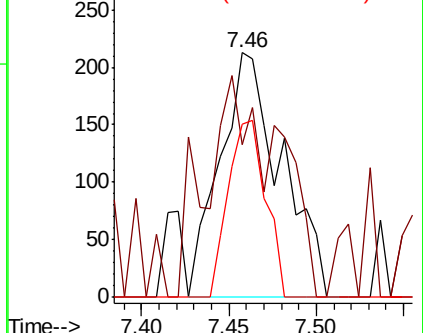
98 70.9 39.0 58.4#

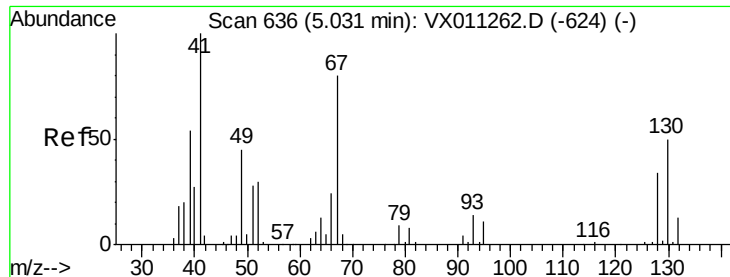


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.309 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.02 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

VX0801WBL01

Tot Ion: 41 Resp: 308

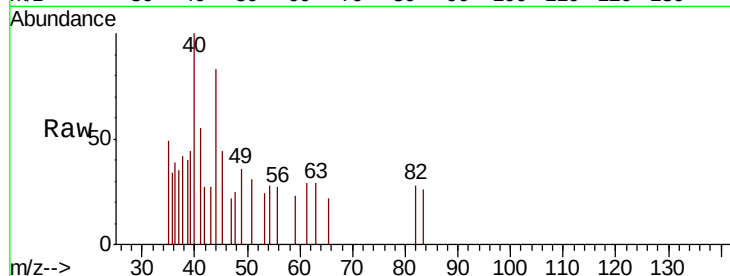
Ion Ratio Lower Upper

41 100

39 0.0 43.0 64.6#

67 14.6 65.1 97.7#

52 17.5 24.8 37.2#

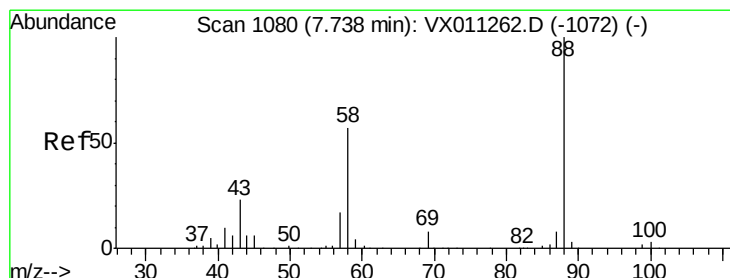
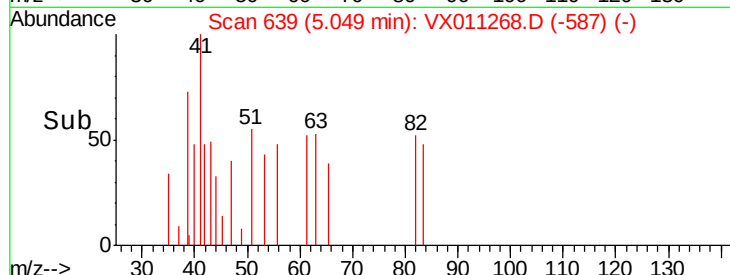
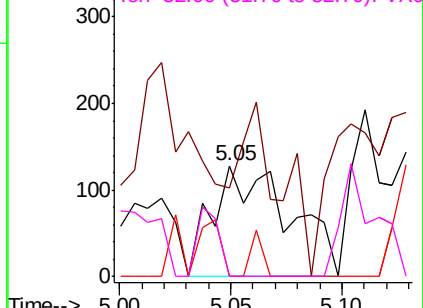


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#49

1,4-Dioxane

Concen: 0.577 ug/l

RT: 7.83 min Scan# 1095

Delta R.T. 0.09 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

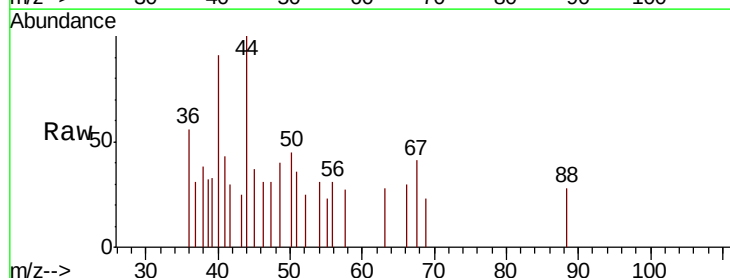
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 630.4 22.2 33.2#

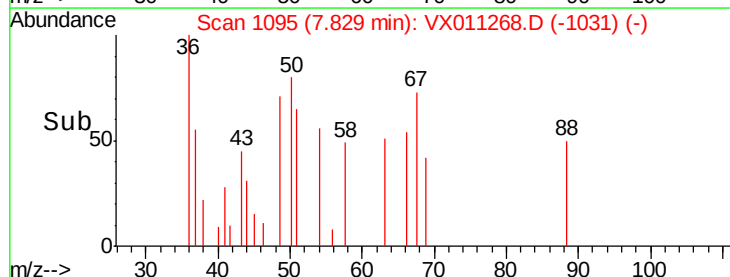
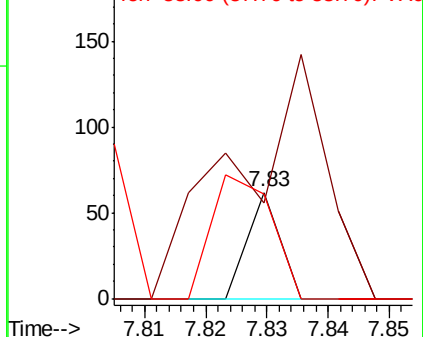
58 213.0 47.8 71.8#

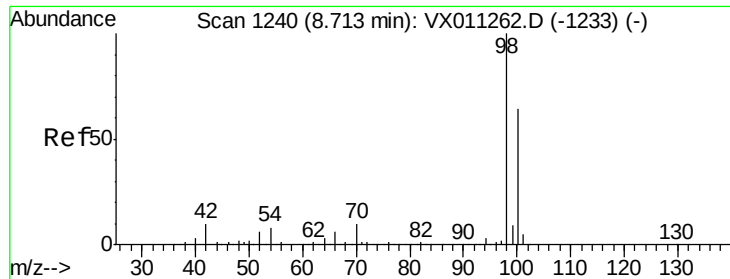


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.430 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

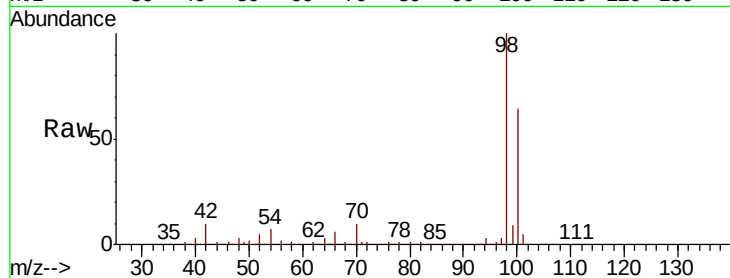
VX0801WBL01

Tot Ion: 98 Resp: 248842

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

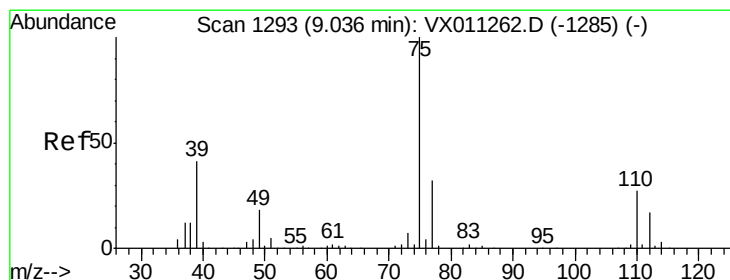
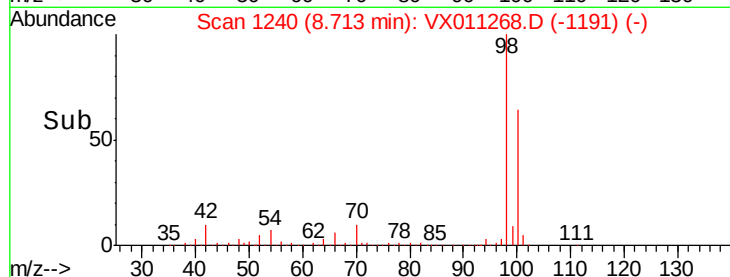
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#53

t-1,3-Dichloropropene

Concen: 2.996 ug/l

RT: 9.05 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX011268.D

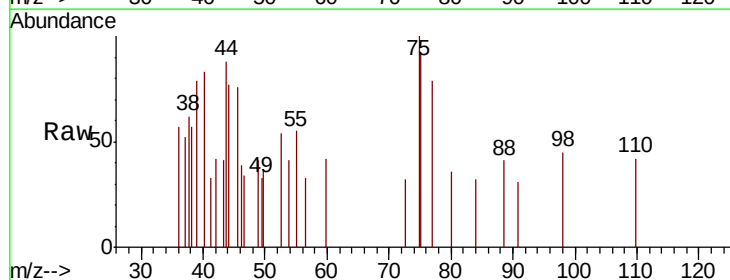
Acq: 01 Aug 2019 18:57

Tgt Ion: 75 Resp: 339

Ion Ratio Lower Upper

75 100

77 41.1 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.05

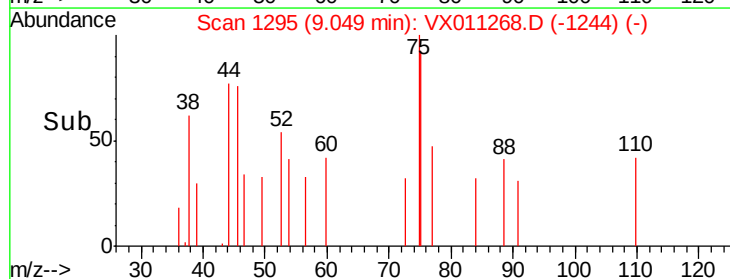
300

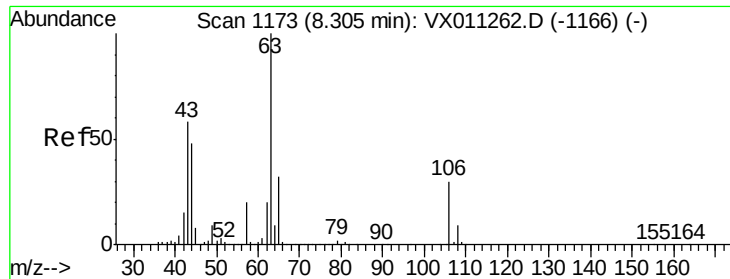
200

100

0

Time--> 9.05 9.10

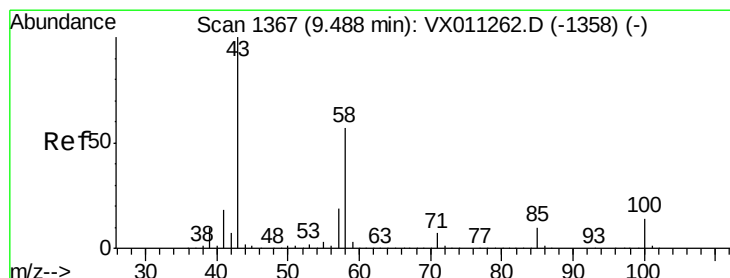
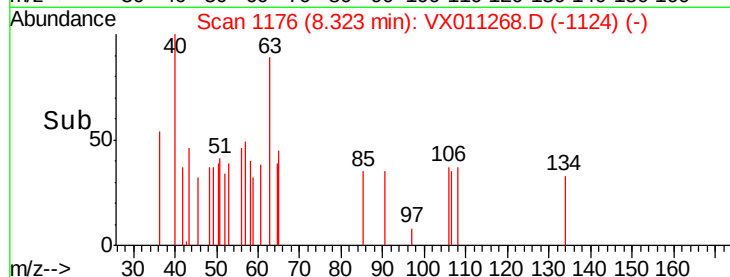
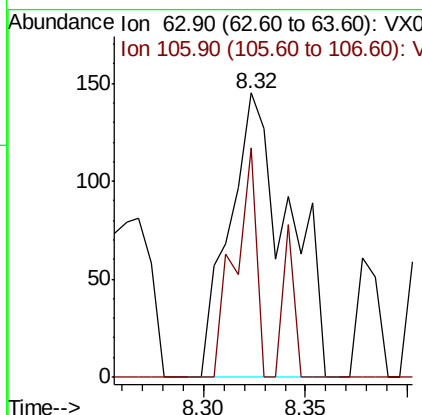
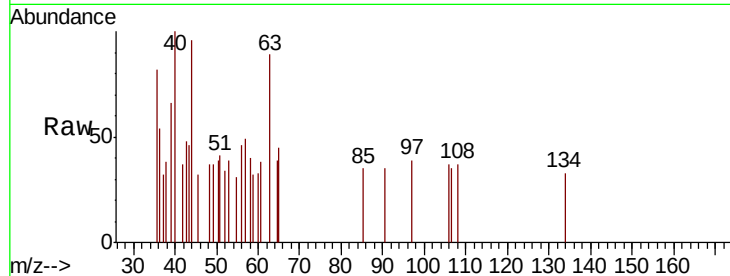




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.282 ug/l
 RT: 8.32 min Scan# 1176
 Delta R.T. 0.02 min
 Lab File: VX011268.D
 Acq: 01 Aug 2019 18:57

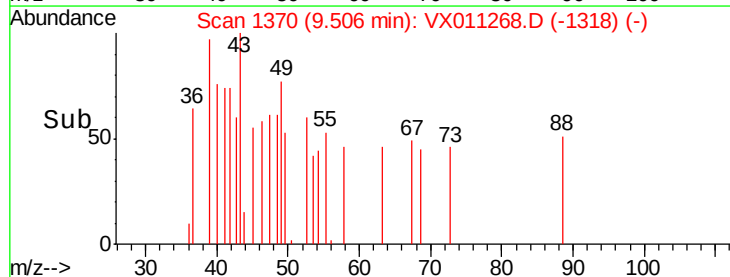
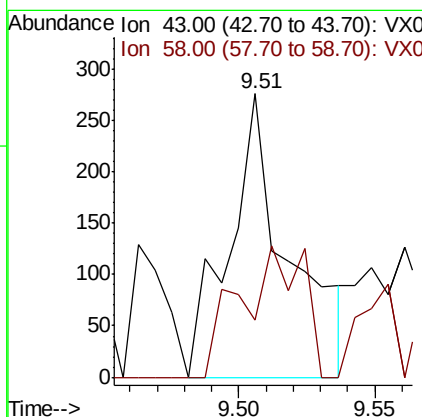
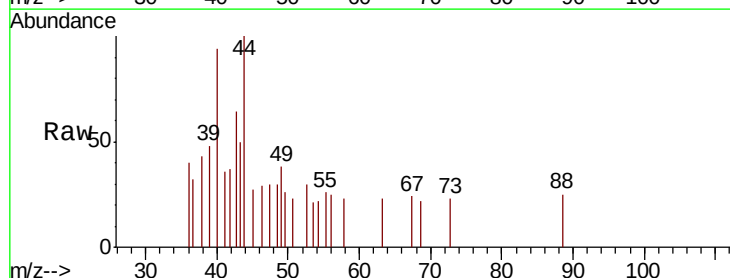
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

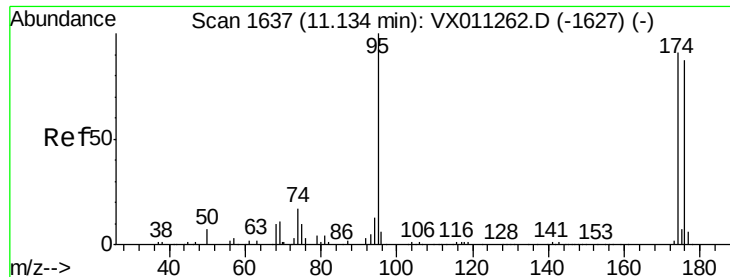
Tot Ion: 63 Resp: 292
 Ion Ratio Lower Upper
 63 100
 106 29.1 24.4 36.6



#59
 2-Hexanone
 Concen: 0.286 ug/l
 RT: 9.51 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: VX011268.D
 Acq: 01 Aug 2019 18:57

Tgt Ion: 43 Resp: 418
 Ion Ratio Lower Upper
 43 100
 58 49.0 28.2 84.6

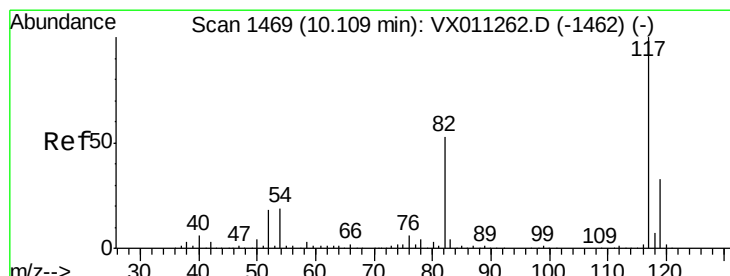
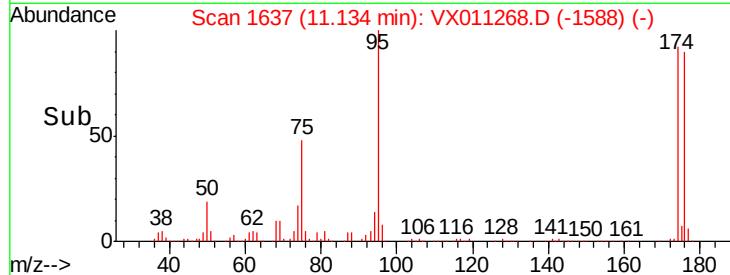
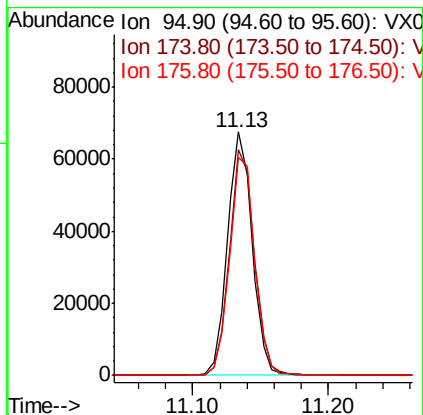
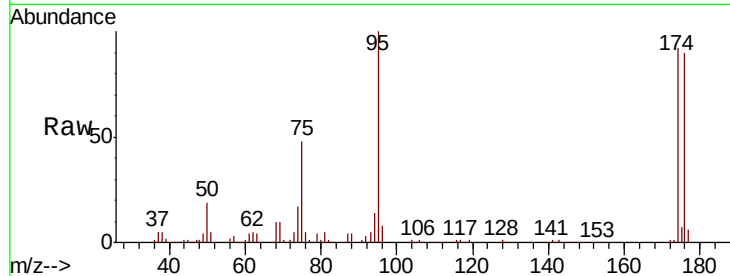




#62
4-Bromofluorobenzene
Concen: 46.136 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

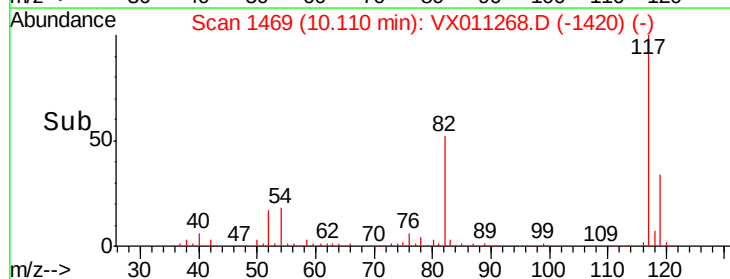
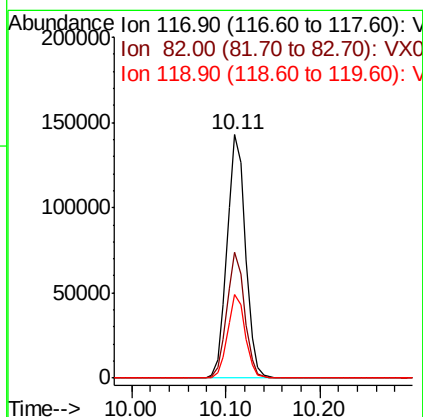
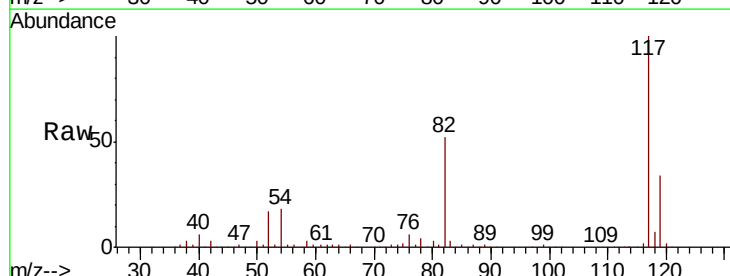
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

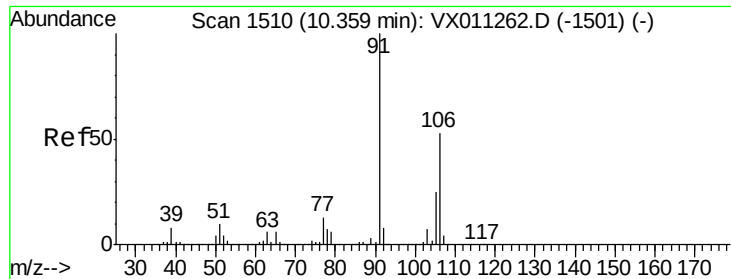
Tot Ion: 95 Resp: 84635
Ion Ratio Lower Upper
95 100
174 94.0 0.0 191.2
176 91.7 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Tgt Ion: 117 Resp: 193879
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 34.1 26.6 39.8





#68

m/p-Xylenes

Concen: 0.244 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

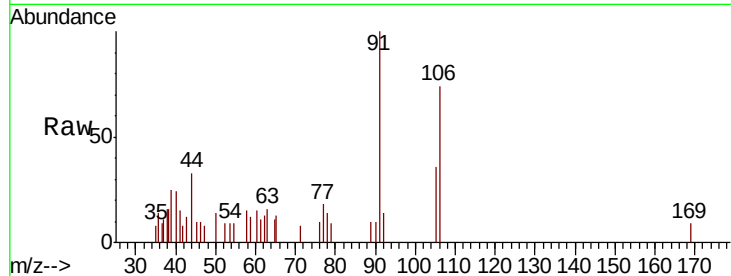
VX0801WBL01

Tot Ion:106 Resp: 657

Ion Ratio Lower Upper

106 100

91 159.5 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800

600

400

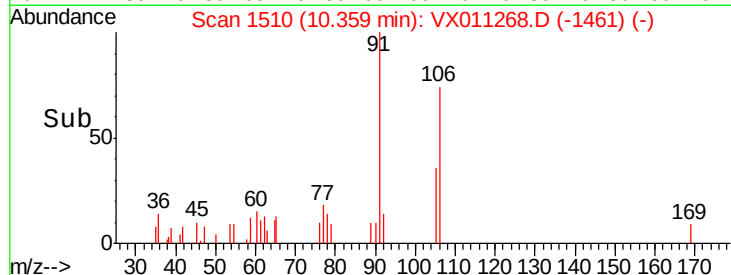
200

0

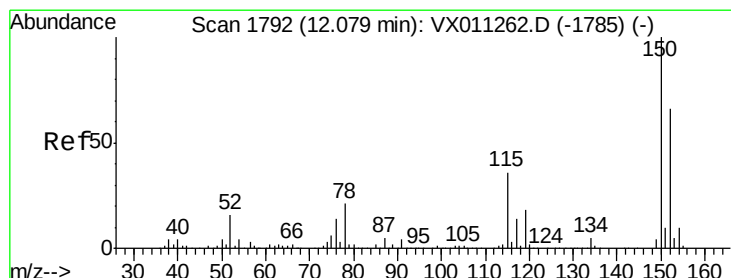
10.30

10.35

10.40



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

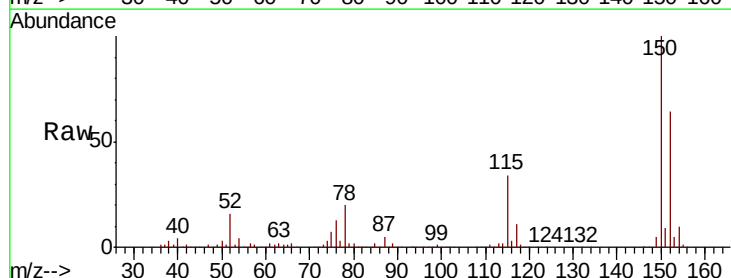
Tgt Ion:152 Resp: 90016

Ion Ratio Lower Upper

152 100

115 53.4 40.0 119.9

150 156.2 0.0 350.4



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

150000

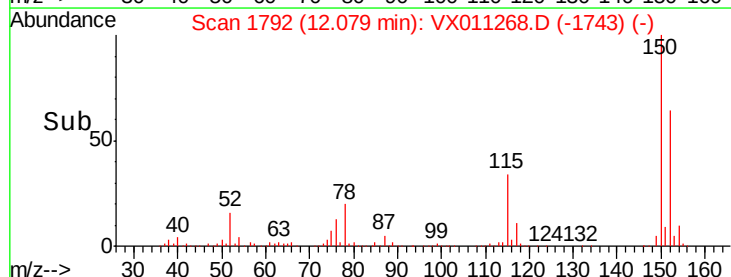
100000

50000

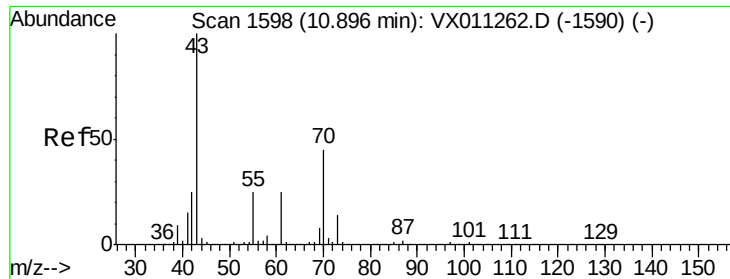
0

12.00

12.10



Time-->



#74

N-amvl acetate

Concen: 0.206 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

VX0801WBL01

Tot Ion: 43 Resp: 459

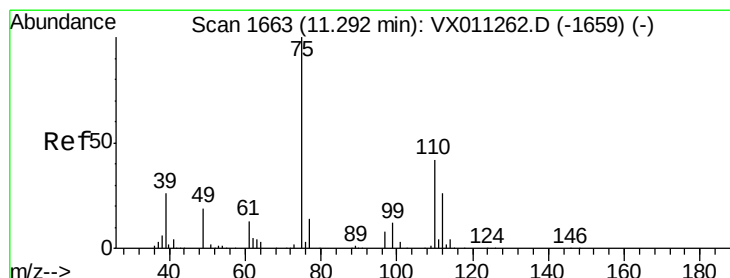
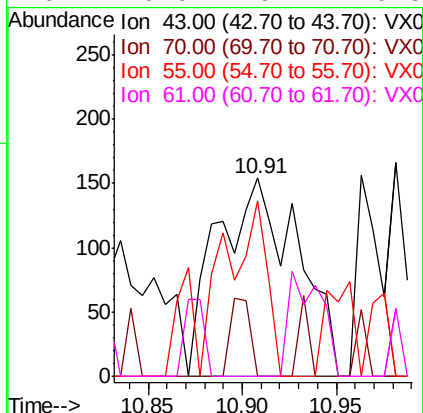
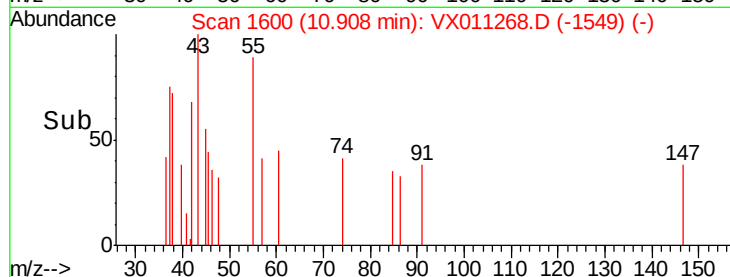
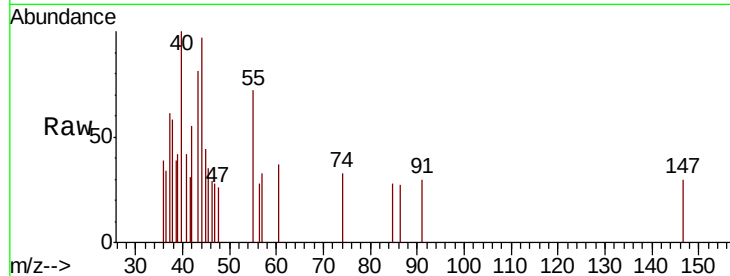
Ion Ratio Lower Upper

43 100

70 9.6 35.9 53.9#

55 21.4 19.8 29.6

61 0.0 19.7 29.5#



#76

1,2,3-Trichloropropane

Concen: 24.799 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011268.D

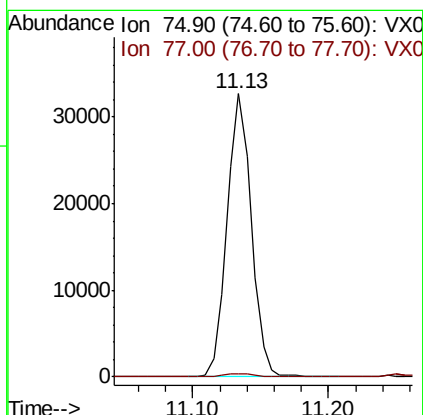
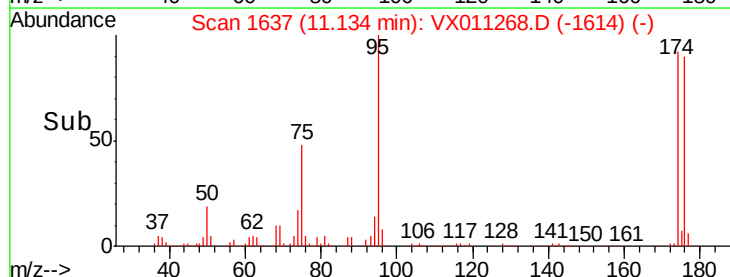
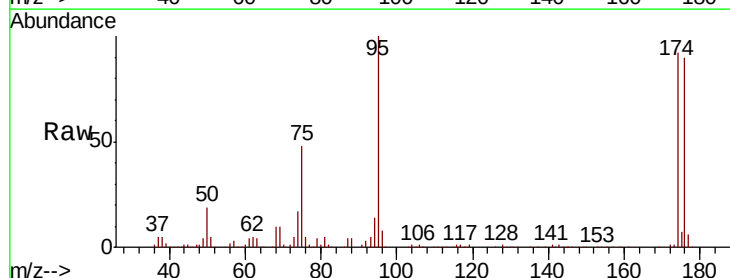
Acq: 01 Aug 2019 18:57

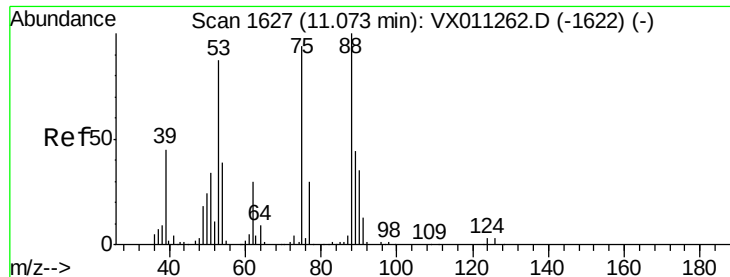
Tgt Ion: 75 Resp: 40653

Ion Ratio Lower Upper

75 100

77 1.3 21.1 63.4#

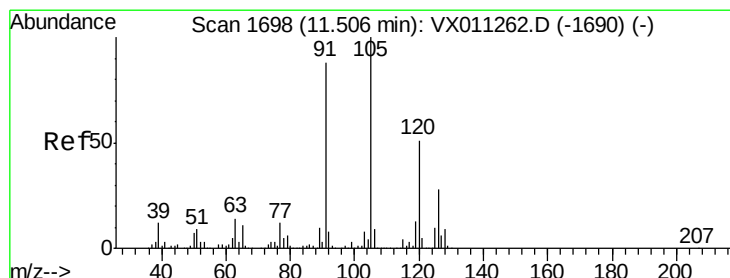
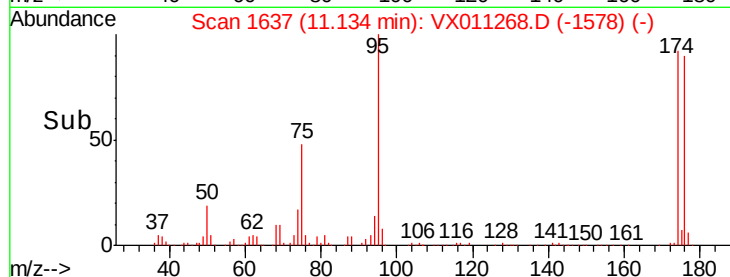
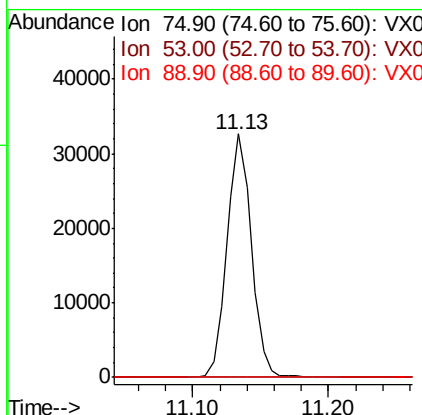
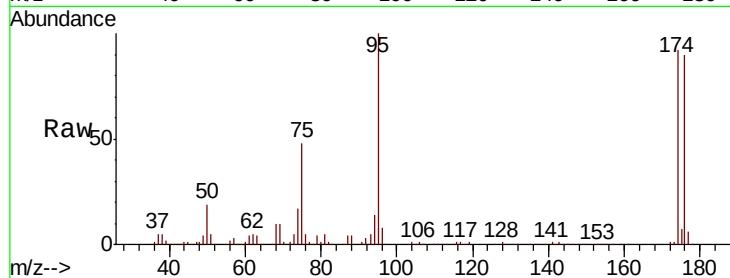




#81
trans-1,4-Dichloro-2-butene
Concen: 64.751 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

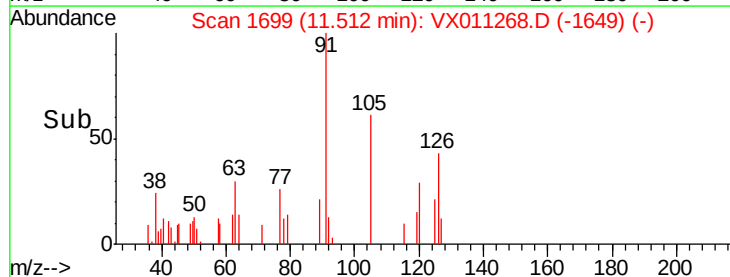
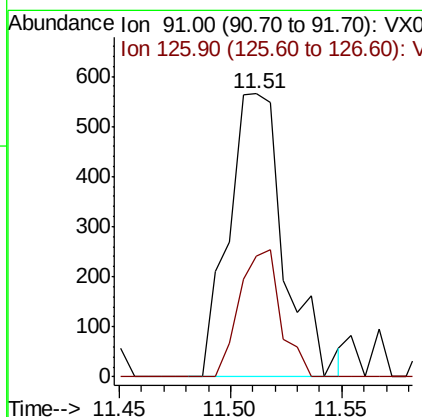
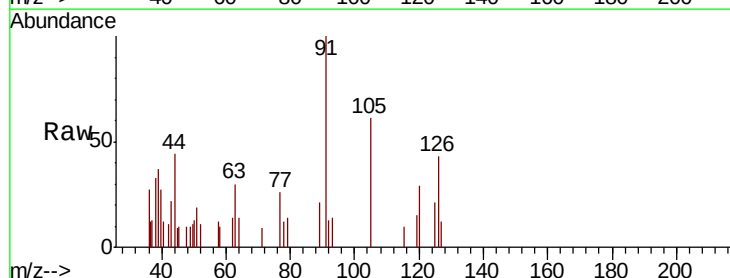
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

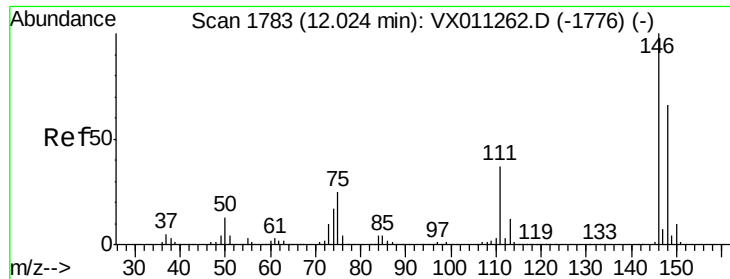
Tot Ion: 75 Resp: 40653
Ion Ratio Lower Upper
75 100
53 0.2 78.2 117.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.208 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Tgt Ion: 91 Resp: 987
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2

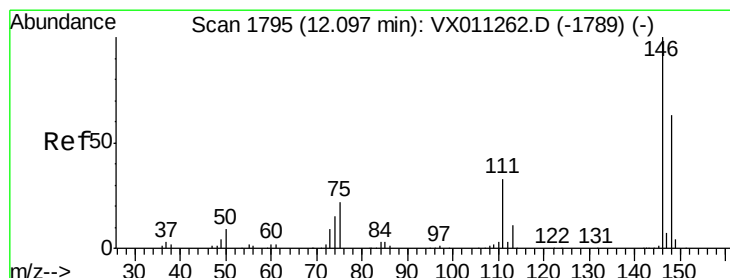
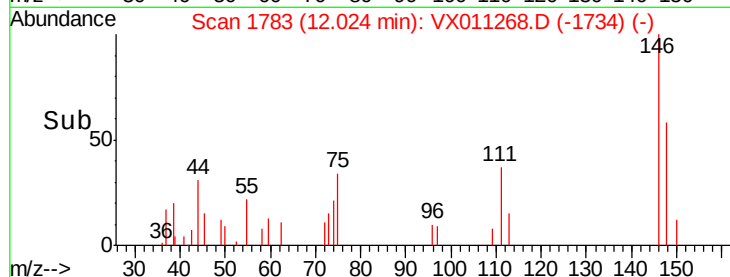
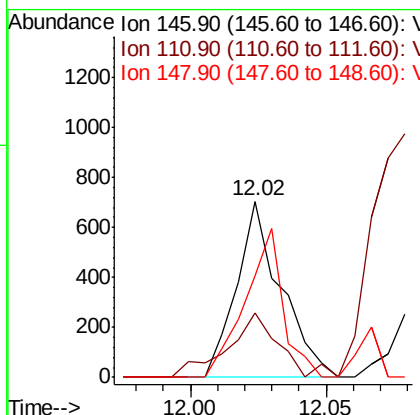
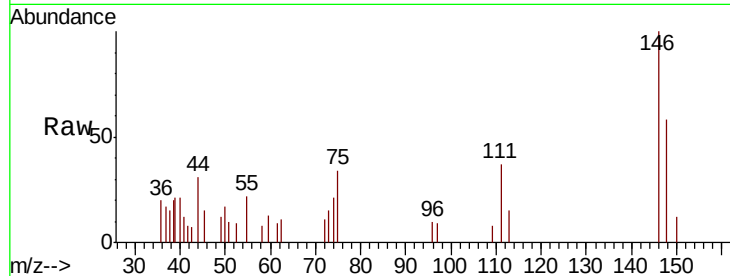




#87
 1,3-Dichlorobenzene
 Concen: 0.265 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011268.D
 Acq: 01 Aug 2019 18:57

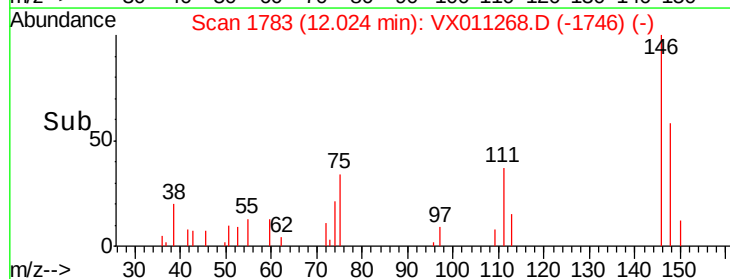
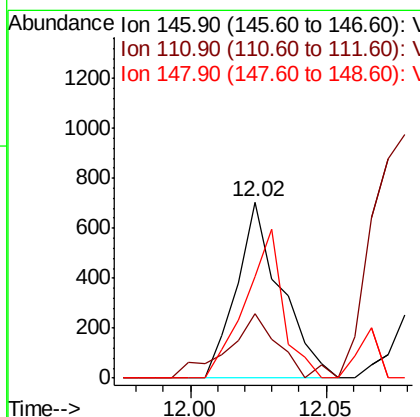
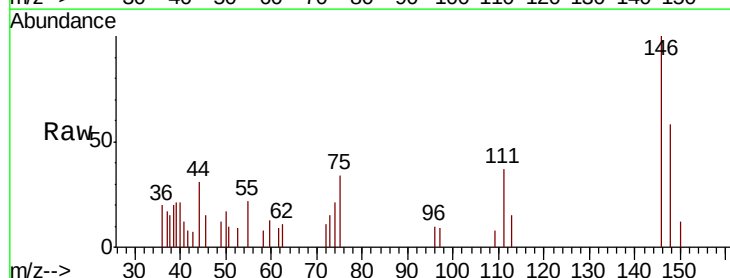
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

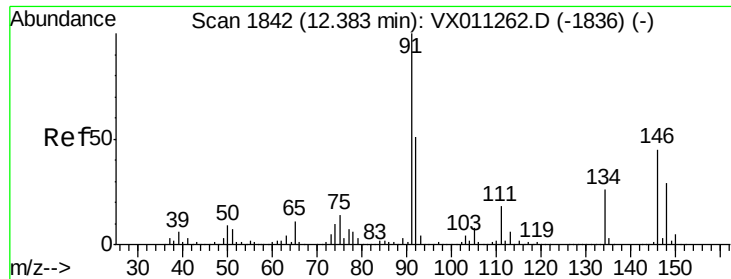
Tot Ion:146 Resp: 798
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.6 55.8
 148 71.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 0.257 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX011268.D
 Acq: 01 Aug 2019 18:57

Tgt Ion:146 Resp: 798
 Ion Ratio Lower Upper
 146 100
 111 40.5 17.8 53.4
 148 71.7 31.8 95.3





#89

n-Butylbenzene

Concen: 0.249 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

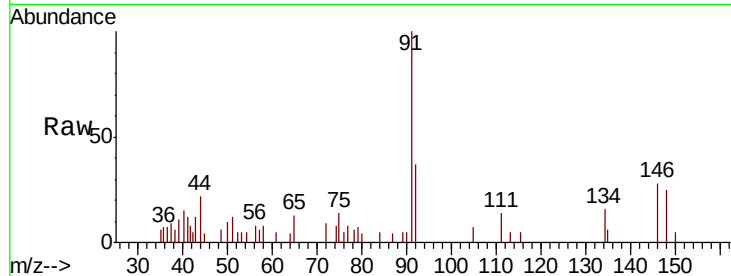
Tot Ion: 91 Resp: 1198

Ion Ratio Lower Upper

91 100

92 55.3 25.8 77.3

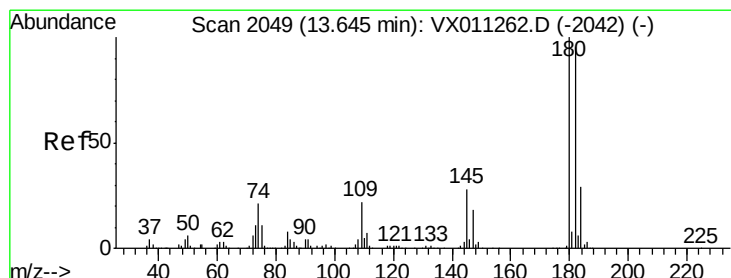
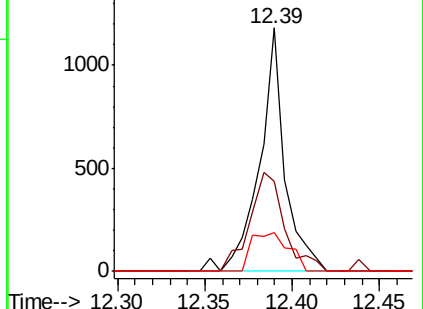
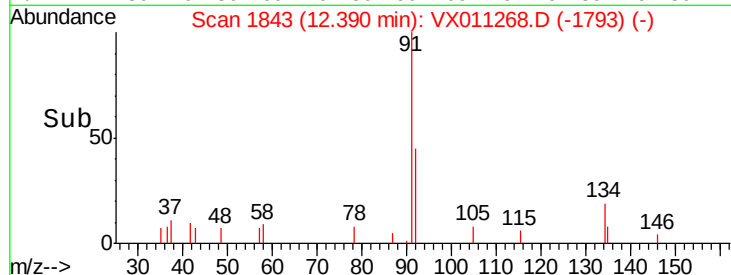
134 22.9 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 0.449 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

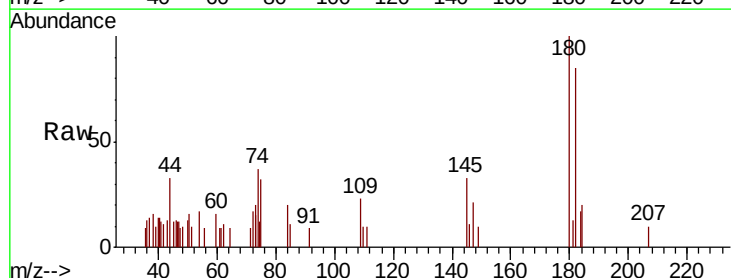
Tgt Ion: 180 Resp: 902

Ion Ratio Lower Upper

180 100

182 100.9 47.8 143.4

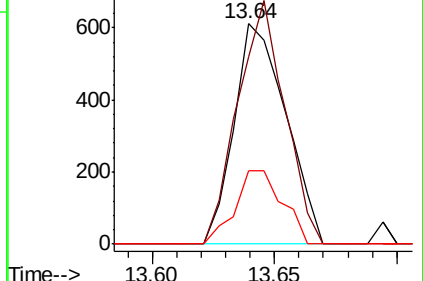
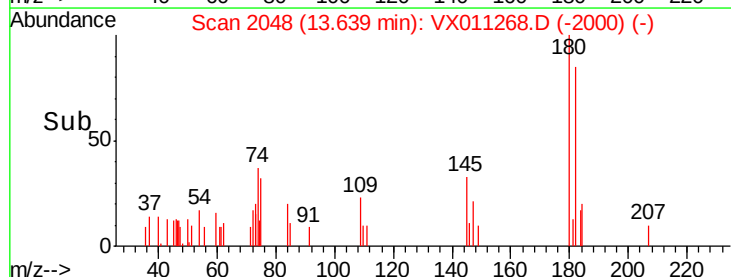
145 30.3 14.8 44.3

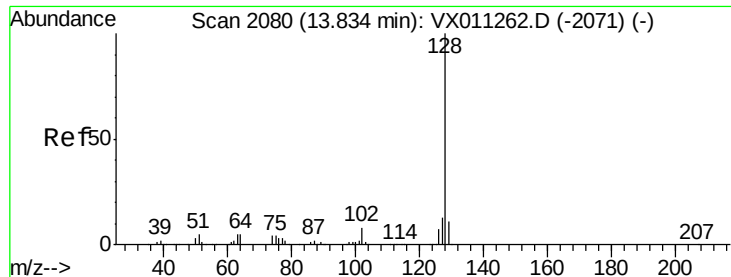


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.345 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

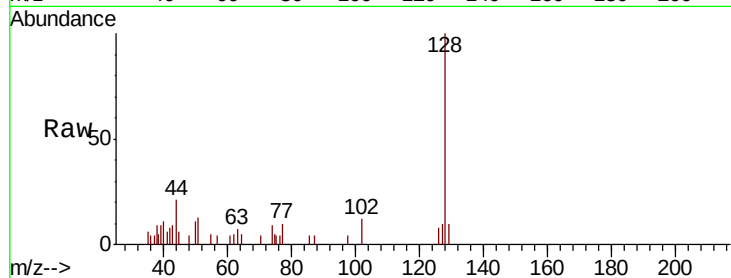
Tot Ion:128 Resp: 2025

Ion Ratio Lower Upper

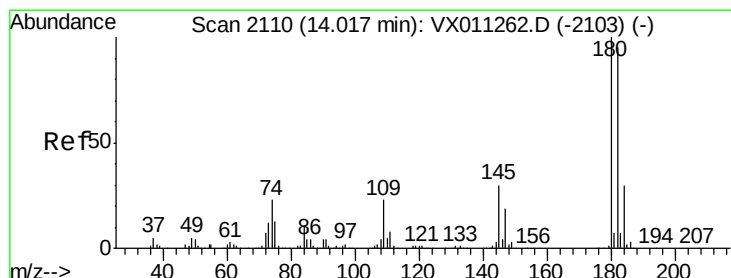
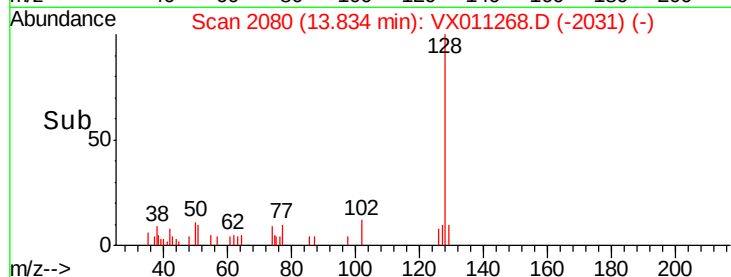
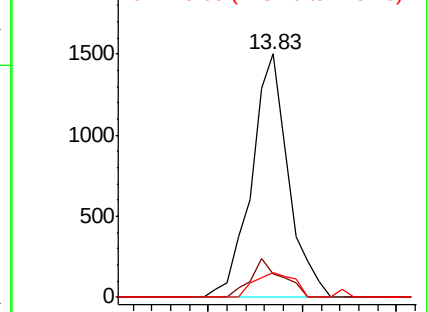
128 100

127 13.4 10.4 15.6

129 10.8 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 0.407 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

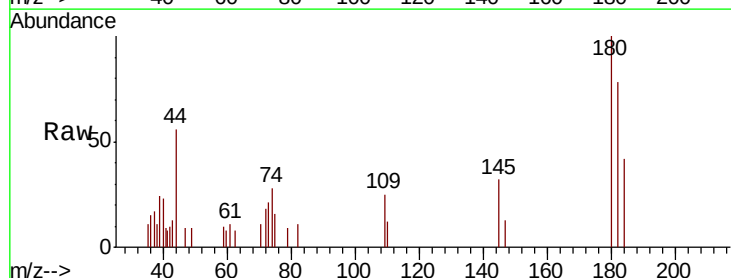
Tgt Ion:180 Resp: 832

Ion Ratio Lower Upper

180 100

182 83.9 47.4 142.3

145 36.3 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

